



# SOCIAL IMPACT REPORT

2018 - 2019



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**David Garza Salazar**

**Dean and Chief Executive President**

Tecnológico de Monterrey

**W**e are convinced that **education is one of the most important tools to face challenges**, one of the most noble activities, with greater potential, and one of the most urgent, to promote greater development in our societies.

Some people regard universities as institutions that are only dedicated to preparing individuals for the workplace. We have a different and much broader vision. **We prepare people for life, to face the future, not only their own, but that of society.** We conceive ourselves as a space of formation, but also as a space of research and knowledge transfer. We make sure that students develop a collective conscience and that they practice their social responsibility and civic engagement in any field where they develop.

**Tecnológico de Monterrey** is an institution of society and for society. Throughout its history, it has been renowned for forming leaders with an entrepreneurial spirit, a sense of humanity, and competitive internationally-wise, which has rendered into over 300,000 graduates, who have not only contributed to creating jobs and development, but who have also created over 30 thousand organizations in the civil society, with causes that favor the community and that devote 1.3 million volunteer-hours per month.

Undoubtedly, what we have done in our over 75 years of history has contributed to the well-being of our country, but we know that there is still much more to be done to solve pending topics.

In 2019, we presented a new stage of transformation towards the future which marks a turning point in our history. Consolidated by the accomplishments reached, today **we foresee a more humane future, where we place the well-being of individuals at the core, and with which we can make a greater impact to contribute to social development.** We conceive ourselves as a co-responsible actor of social transformation: we understand the significance of establishing and fostering significant relationships with individuals, with our environment, and with all the living beings with whom we share the planet.

**Today we seek for our social efforts to add to local, national, and global agendas.**

At Tecnológico de Monterrey, we are always concerned about incorporating cutting-edge technology in our educational and research projects. We can say that we are a high-tech institution, but this would be incomplete if we pushed aside the proximity with all the communities around us; thus, **we are a high-tech institution with close proximity.**

This report presents our starting point: the results obtained from a mapping done at the institutional level of the most representative actions carried out by our community, where that proximity and that sense of humanity which characterize us are lived everyday.

In the future, we foresee a **Tecnológico de Monterrey** committed to continue bolstering social transformation, increasingly organized, and with a greater positive and measurable impact in our community.

A Tec, who, through its community of students, alumni, faculty, directors, collaborators and allies, works with society to make it more equitable and more sustainable.

# Introduction

**Aware of the joint responsibility we have of generating a positive impact in our society, at Tecnológico de Monterrey we conduct a large number of actions throughout the country focused on the common good.**

These are projects, activities or programmes whose aim is to generate a social transformation, or the sustainable development of individuals and their communities, of the environment, and of the actors of change themselves.

**These social contributions involve different actors of the Tec community who bring forth their skills at the service of society. Each of these lines of action is made up of different arms, through which the institution intervenes positively inside and outside the classrooms:**

- **Academic projects with a social sense:** projects that have a positive impact on society are carried out in the classroom. Additionally, our new educational model is enabling our students to connect, exponentially, with communities, through the work with associated partners to solve social challenges.
- **Research:** the different research centers which are part of the Tec are some of the most important sources of knowledge of the institution. A great part of this information favors society in different areas.
- **Campus:** through their operations and capacity to mobilize resources, campuses constantly generate actions of positive social and environmental impact.
- **Students:** student groups with similar interests come together to reach shared objectives of great impact for society.
- **EXATEC:** the Associations and Clubs of alumni design and carry out projects of socio-cultural transcendence in order to improve the environment and the relationship of their members.
- **Institutional:** our programs and initiatives, with national reach, promote the cooperation of the members of the Tecnológico de Monterrey at their different levels in order to boost the development of the country.
- **Social Service:** through a life experience that favors the ethical and civics commitment of our students, this obligation, along with the collaboration of associated partner organizations, addresses several problems that afflict the country.

## Social service in 2019:

- In average, **19,260** students per semester **did social service**; **6,570**, during the summer.
- Over **3,294** registered projects: **437** of these promoted ethics and citizenship with the attribute Course with Transversal Citizenship (CCTR) which is granted to subjects with a social and civics feature. **2,857** were carried out with allied associated partners organizations.
- **182** teachers promoted doing social service projects with activities such as *Semana i (i Week)*, *Semestre i (i Semester)*, and *Verano i (i Summer) with Humane Spirit*.
- We worked with over **977** associated partners organizations (including civil society organizations, government entities, communities, and socially responsible companies).
- **2,385,820** hours of social service completed on average per semester. **78 %** of the students completed more than the **480 hours of social service**, with an **average of 550 hours per student**.

At Tec de Monterrey we know that it is only through the collaboration of different actors of society that we will accomplish a real social transformation.

This report highlights the substantial role of collaborative work done by the Tec community with Non-governmental organizations -local, national, and international- with actors of the public sector, with hospitals, companies, institutions, universities, individuals, and other entities, all of them significant allies without whom it would be impossible to fulfill the purpose of generating a relevant positive impact.

Additionally, this document presents the results of the first mapping of social initiatives of the Tec which was carried out in the last trimester of 2019, with the registration of almost 800 of the most representative and which encompass the areas of all the institution, including its National Schools, Campuses, PrepaTec, Tecmilenio University, TecSalud, the Vice-presidencies, Vice-rectorships, the Centers and all the other areas that make up the Tec community.

Each of the initiatives was classified by Sustainable Development Goals (SDG's), as they represent a framework which progressively will guide and align our management and way of thinking. Thus, we join a global agenda of transformation, and we disclose the way in which our institution and its community are contributing to the eradication of the main world problems. Although it is common for an action to address more than one SDG, or that it benefits several sectors of the population, for the purposes of this report we only considered the main SDG's addressed.

All this has allowed us to identify vital areas of opportunity, such as the need to implement a standardized methodology of data collection, or the need to optimize measuring tools, which in the future, will ease the interpretation of results and boost the impact and social benefit achieved in the different communities of the country.

## THE Impact Rankings 2020

In 2019, **Times Higher Education (THE)** published for the first time the University Impact Rankings, a list that measures, at a global level, the positive impact that universities have to the contribution of the **17 Sustainable Development Goals of the United Nations Organization (UN)**.

Each of these SDGs is evaluated according to parameters related with their level of research, of the use of the resources, and of the impact of joint work with the community and the State.

In this second edition, 766 universities from 85 countries participated, and the 17 United Nations SDGs were evaluated. In our case, we were part of all, except for number **14 Life Below Water**, in which we have no activity. For the **world ranking**, the three best positioned SDGs are used, plus the *Partnerships for the goals*. This time we occupy a position in the rank 100-200.

All this tells us that we have done a great job, but it is also a reminder that there is still much to do.



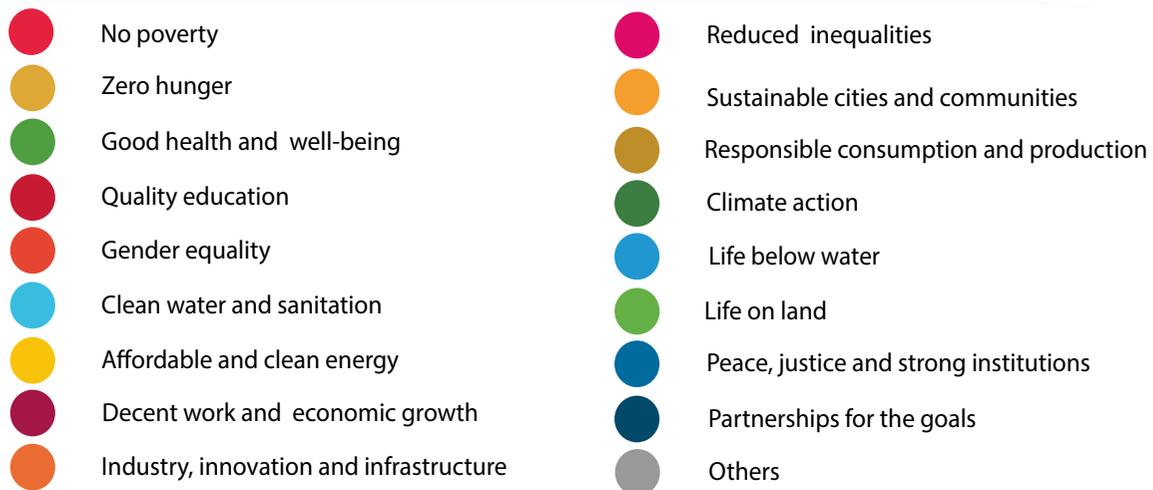
# Tecnológico de Monterrey

Social Impact Report

2018 – 2019

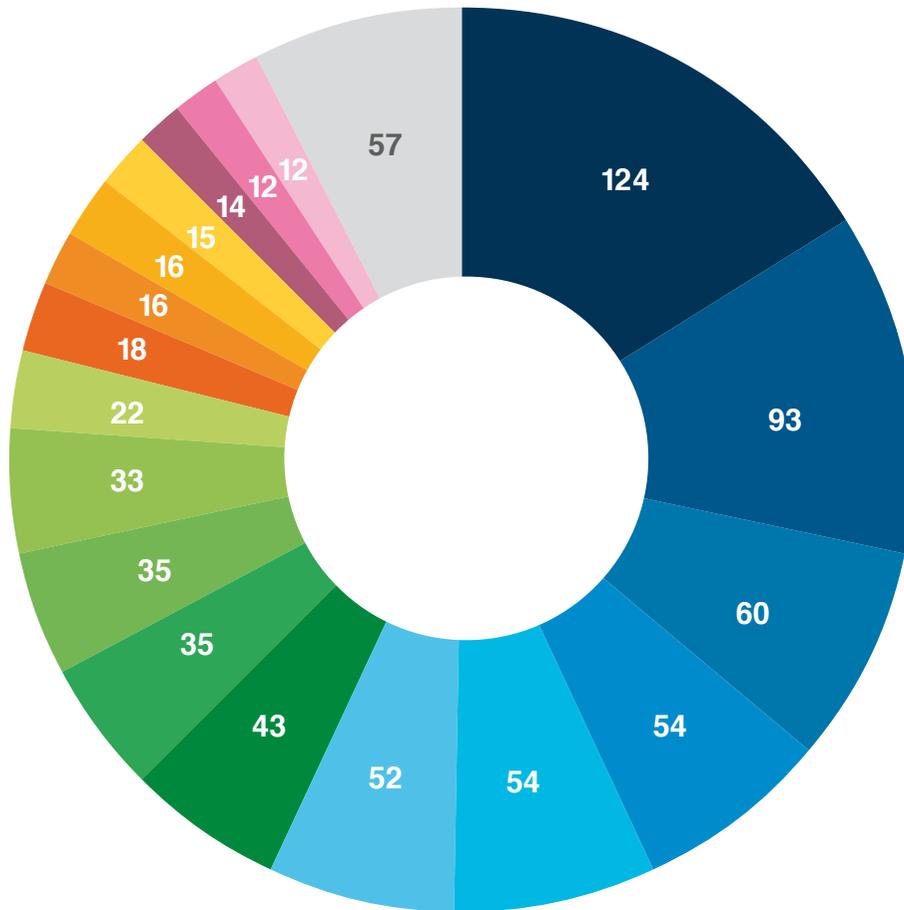
**Throughout 2018 - 2019, out of a myriad of social initiatives, the Tecnológico de Monterrey prioritized and mapped almost 800 initiatives of social transformation which had an impact on each of the 17 Sustainable Development Goals of the UN.**

We will now take a detailed look at those social initiatives which stood out in each of the SDG's



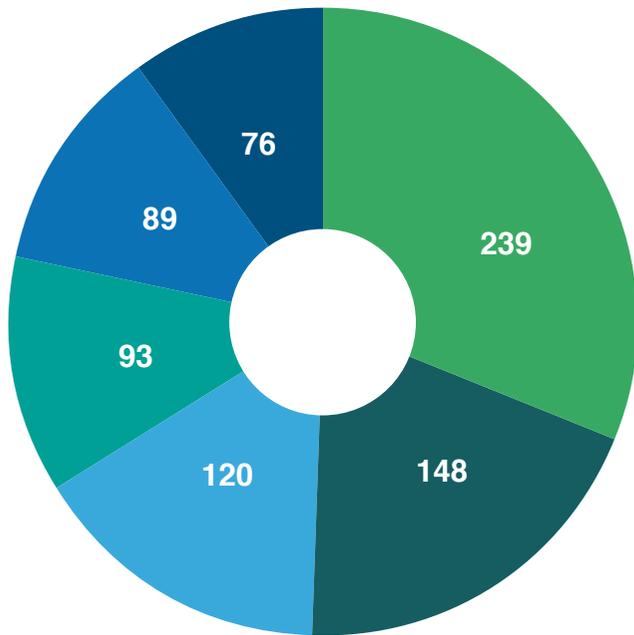
Next, you will find a breakdown chart of the initiatives carried out by the different areas or schools of Tecnológico de Monterrey.

**INITIATIVES BY AREA/ SCHOOL**



- High School
- Tecmilenio University
- Operations VP
- Leadership Directorate & Student Leadership
- Humanities - Ethics & Citizenship Formation
- Business School
- School of Engineering & Sciences
- School of Social Sciences & Government
- School of Humanities & Education
- Academic Vice-rectory & Educational Innovation
- School of Architecture, Art & Design
- Center for the Recognition of Human Dignity
- EGADE Business School
- VP of Entrepreneurship Strategic Projects
- VP of Relations and Development
- TecSalud
- School of Medicine & Health Sciences
- Eugenio Garza Lagüera Entrepreneurship Institute
- Others

This page shows the total number of social initiatives of Tec de Monterrey, according to the region and the state they are part of.



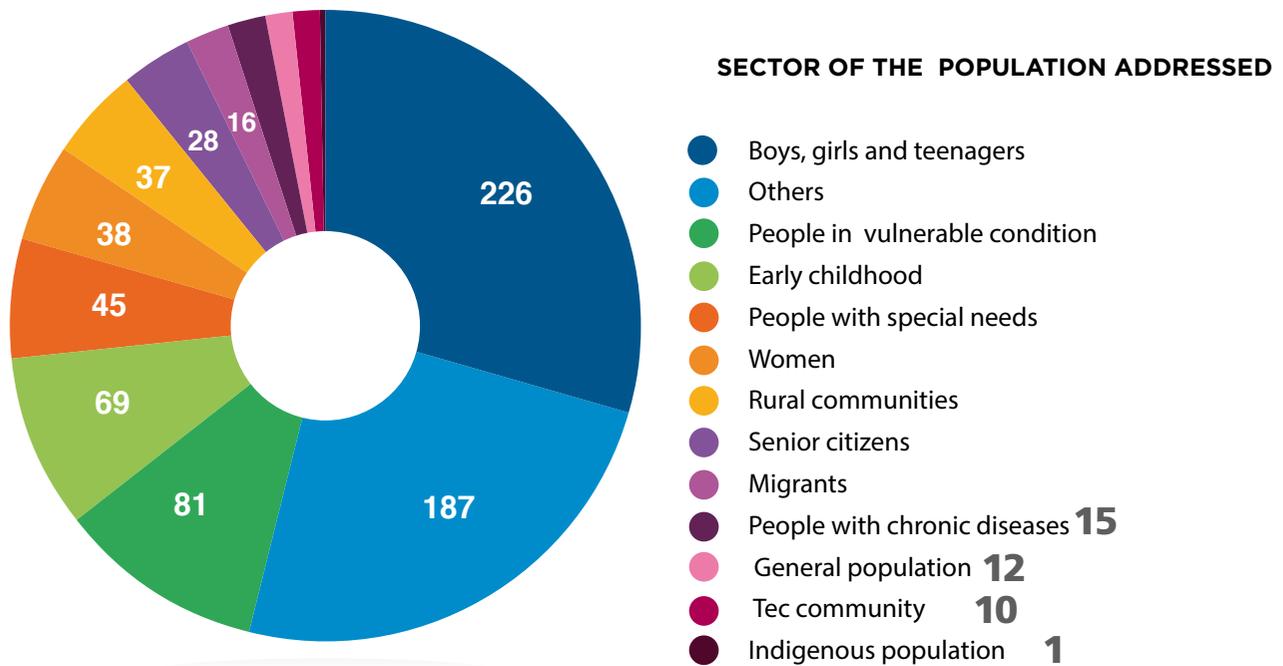
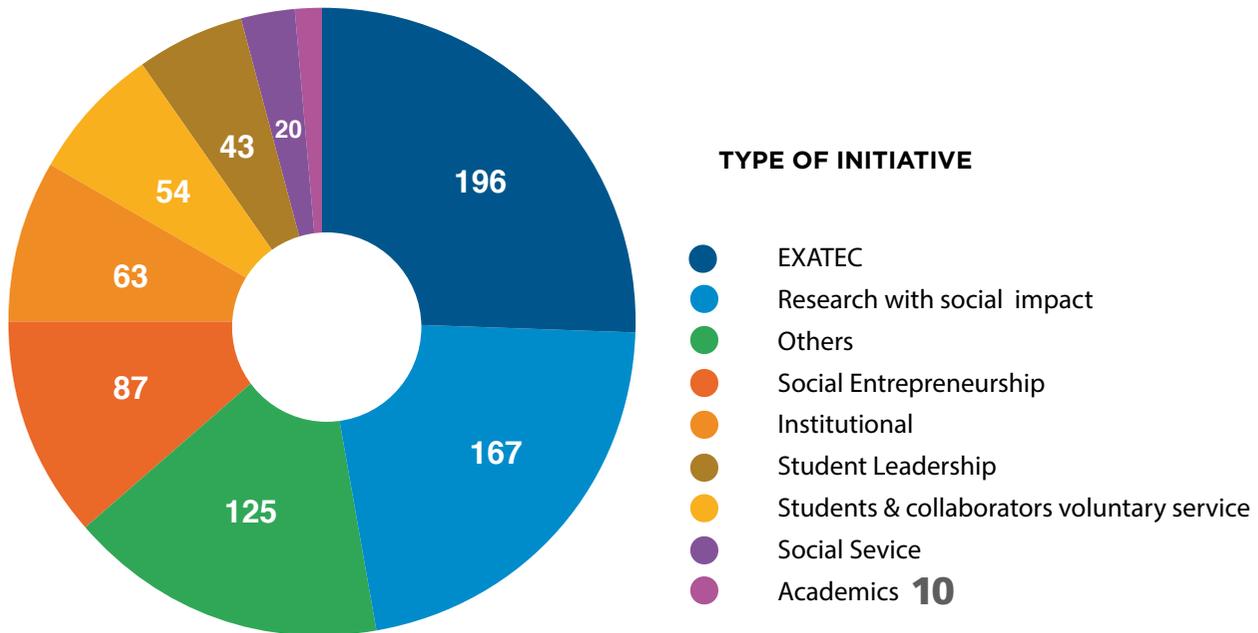
#### INITIATIVES BY REGION

- National
- CDMX
- West
- Center
- South
- North

#### INITIATIVES BY STATE



The following graphs reflect a breakdown of the total number of social initiatives according to their type and the population sector they address.



1

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# No poverty



# 41

## SOCIAL INITIATIVES in the SDGs

# No poverty

Led mainly by:

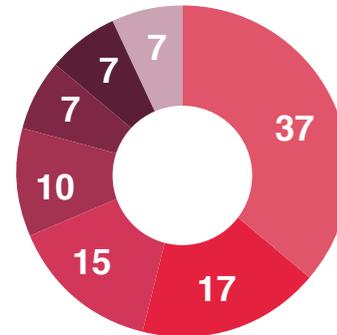
**SCHOOLS**

Ethics & Citizenship Formation	<b>20 %</b>
High School High School	<b>12 %</b>
Tecmilenio University	<b>10 %</b>
Leadership Directorate & Student Formation	<b>10 %</b>
School of Humanities and Education	<b>10 %</b>

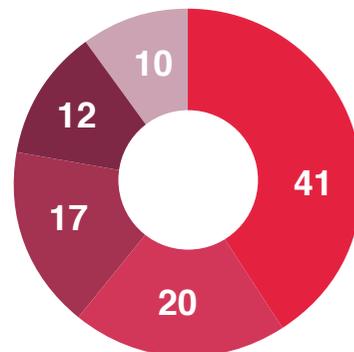
**MAIN STATES ADDRESSED**



**TYPE OF INITIATIVE\***



**MAIN BENEFICIARY SECTORS \***



- Academic: 37%
- Student leadership: 17%
- Social service: 15%
- Other: 10%
- Social entrepreneurship: 7%
- Students voluntary service: 7%
- Collaborators voluntary serv.: 7%

\*Graphs with percentages

**Initiative:****International Center for Social Innovation**

Through a multidisciplinary team that assembles in San Cristóbal de las Casas, Chiapas, research and educational strategies are developed, which enable addressing some of the major social needs of the country and the world, by means of the generation and validation of innovative solutions.

The Center promotes the collaboration of students with external partners: indigenous communities, non-governmental organizations and rural cooperatives in the municipalities of San Cristóbal de las Casas, Zinacantán, San Juan Chamula, San Andrés Larráinzar and San Juan Cancuc, all in the state of Chiapas.

**Type of initiative:**

Institutional, academic, research

**Under the responsibility of:**

VP of Operations – South region

**Leader of initiative:**

Martha Lucía Velázquez Díaz

**Campus:**

Chiapas

**State:**

Chiapas

**Beneficiary sector of the population:**

People of rural communities in vulnerable condition



**Type of initiative:**

Academic

**Under the responsibility of:**

School of Humanities and Education

**Leader of initiative:**

Yolanda del Carmen Gasca Gallegos

**Campus:**

León

**State:**

Guanajuato

**Beneficiary sector of the population:**

Women and people of rural communities in vulnerable conditions

**initiative:****Social transformation project San Juan de Abajo: "Soy porque somos" (I am because we are)**

Students from Tec de Monterrey who study the subject Applied Ethics collaborate in this initiative which involves developing responsibility and social awareness in order to bring together actions that focus on the transformation of one of the most complex polygons of the zone of San Juan de Abajo in León, Guanajuato.

Work in this community started in the semester of August-December 2018, and it considers two challenges:

1. Implementing a four-session workshop for the residents of this zone, about empowerment, communication, leadership, and teamwork, which will help them define their personal life, work, and community projects.
2. Conduct opinion polls in the community, organized by the "Fundación León" (León Foundation), in order to understand the needs and problems of the region, present the results to the Community Assembly, and generate a plan of action.

Additionally to Tecnológico de Monterrey, The Ministry of Economic Development, Calzado Bambino, and Fundación León, collaborate in this initiative; these institutions have started a socio-political agenda to make the community visible and dignify its inhabitants.

Soy porque somos (I am because we are) has the potential to be replicated in other vulnerable communities which need more attention and support to favor their well-being.



**Initiative:****Listening and developing communities**

This initiative develops social immersion activities together with the educator partner **TECHO**:

**1. Listening to communities:** surveys are carried out with neighbors of the community in order to make a diagnostic about priority scarcities of elementary services, security, jobs, household conditions, and community activities.

**2. Developing communities:** TECHO interprets the information obtained in the surveys to make emergency dwellings and implement social programs that develop competencies and abilities of continuous collaboration between the community and their volunteers.

Some workshops are also carried out for the neighbors, to favor community and self-management competences, so that individuals can lead projects that will aim at generating solutions for the problems that persist in the community.

This initiative is present in the campuses at Mexico City, State of Mexico, Santa Fe, Monterrey, Puebla, Chiapas and Guadalajara.

**Type of initiative:**

Volunteer service, research

**Under the responsibility of:**

Eugenio Garza Lagüera  
Entrepreneurship Institute

**Leader of initiative:**

Patricia Cuevas Servín

**Campus:**

Various

**State:**

Several

**Beneficiary sector of the population:**

Population sectors such as early childhood, boys, girls, teenagers, women, migrants, Senior adults, y Persons in vulnerable conditions of rural communities or in irregular settlements



## Initiative: Projects of cultural identity

In the class of *Ethics, profession and citizenship* of Campus Chiapas, professor José Manuel Islas Pacheco encourages his students to do several projects in indigenous communities of Chiapas.

### 1. Culture and identity of handcraft products

- Students generate proposals for the commercialization of handcraft products without losing their culture and identity, and being valued as cultural heritage.

Additionally, they make a diagnosis and analysis of the touristic potential at the handcraft station, as well as the collaboration with different authorities and actors of society, in order to strengthen the office of tourism in San Andrés Larráinzar, Chiapas.



### 2. Local markets

- It focuses on creating space and interior design propositions of the local markets of Tenejapa, Chiapas, in order to promote their commercial activities.

There are four teams of students of our institution, making floor plans of the spaces mentioned, renders, an executive project to create a brand that boosts their commercialization, and *walkthrough 3D*.



**Type of initiative:**  
Academic



**Under the responsibility of:**  
School of Humanities and Education



**Leader of initiative:**  
José Manuel Islas Pacheco



**Campus:**  
Chiapas



**State:**  
Chiapas



**Beneficiary sector of the population:**  
Indigenous rural communities

### 3.3. New organization models of the savings bank of the community of Tzisco

- The initiative is oriented towards global entrepreneurship for the social change. It considers raising awareness about the socio-cultural characteristics of the community, for the co-creation of the concept of development of the strategic business model of Lagos de Colores Tzisco.

The tasks to be done include financial training, detailed control of cash inflows and outflows, elaboration and revision of regulations, organization and coordination with the General Committee, and getting involved with the community.



**Type of initiative:**

Academic

**Under the responsibility of:**School of Engineering  
and Sciences**Leader of initiative:**

María del Socorro Tamez Ramírez

**Campus:**

Monterrey

**State:**

Chiapas

**Beneficiary sector of the population:**Indigenous population  
and women of rural**Initiative:****Zero waste:  
transforming lives in Chiapas**

Together with the NGO “Huellas que Trascienden, A. C.” (Imprints that transcend), this initiative is carried out in order to fight poverty in an innovative and integral way, by transforming the talent of indigenous women into income for their homes, thus fostering their empowerment.

*Transforming lives* in Chiapas is an activity of *Semana i (i Week)* in which students Campus Monterrey travel to San Cristóbal de las Casas and promote the use of organic waste from the sowing and harvesting to turn them into products of commercial value: soaps, coffee cherry tea, seasonings, among others.



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 2 Zero hunger



# 24 SOCIAL INITIATIVES in the SDGs Zero hunger

Led mainly by:

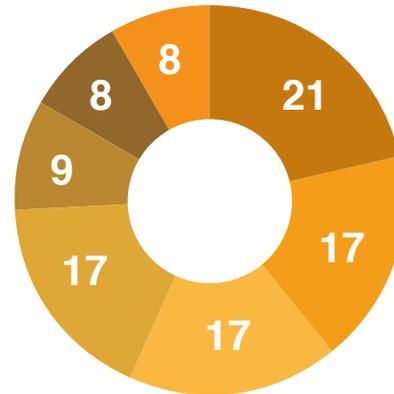
**SCHOOLS**

High School	25 %
Tecmilenio University	13 %
Leadership Directorate and Student Formation	13 %
Business School	8 %

**MAIN STATES ADDRESSED**

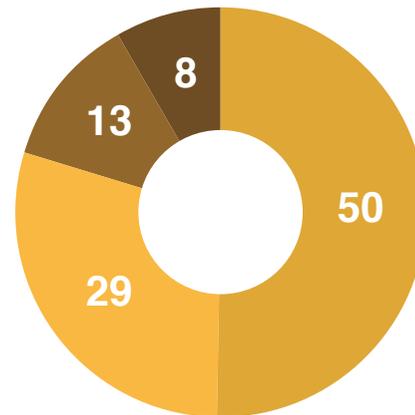


**TYPE OF INITIATIVE\***



- Social service: 21%
- Academic: 17%
- Social entrepreneurship: 17%
- Student leadership: 17%
- Other: 9%
- Student volunteer service: 8%
- Collaborators volunteer serv: 8%

**MAIN BENEFICIARY SECTORS \***



- Others: 50%
- Persons in vulnerable conditions: 29%
- Boys, girls and teenagers: 13%
- Rural communities: 8%

\*Graphs with percentages

**Initiative:****Strategy ZERO HUNGER**

In the context of the World Nutrition Day on October 16, the Tecnológico de Monterrey presented the Strategy Zero Hunger in order to collaborate with the strategic plan of Nuevo León 2030, who in turn collaborates with the campaign of the Secretary General of the UN which seeks to eradicate food poverty for 2030.

This strategy intends to eradicate extreme food poverty and reverse the current culture of food waste by 2030, through coordinated and innovative actions of the Tec community, Cáritas, the Government, the private sector, universities, the Church, the organized civil society, the Board of Nuevo León, and the community in general.

In order to achieve their goal, *ZERO HUNGER in Nuevo León* is organized in nine committees, thirty-six projects, and ninety-six advisors, with the participation of students, professors, and collaborators of our institution, as well as our partners, through studies, collections, donations, awareness campaigns, food distribution, and management and consumption strategies, among others.

**Type of initiative:**

Institutional, academic, social service, volunteer service

**Under the responsibility of:**

Various

**Leader of initiative:**

Karina Onofre, Susana Molina Siqueiros, Catalina Villanueva Mátar

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Rural low resources communities who suffer poverty, hunger, and malnutrition



**Initiative:****Processing Plant of the Food Bank of Cáritas in Monterrey**

As part of the efforts derived from *ZERO HUNGER*, the Processing Plant of the Food Bank of Cáritas in Monterrey stands out, inaugurated in October 2018. The Tec community helps in several activities for the operation and streamlining of the plant.

The volunteers, with more than 100 professors and students, collect and handle food products, they have designed over 365 new items to extend their shelf life, and they are implementing certifications to guarantee that the articles donated are handled properly.

Each year, 20.4 million tons of food are wasted in Mexico, therefore the goal of this initiative is to increase the annual collection from 4,566 tons to 30,000 tons, in order to eradicate hunger in Nuevo León.

Additionally, the intention is to replicate the initiative and to create value propositions to coordinate efforts and streamline processes with a network of food banks in all the country, to help combat food waste and eradicate hunger in every state.

**Type of initiative:**

Institutional, academic, social service, volunteer service

**Under the responsibility of:**

Various

**Leader of initiative:**

Karina Onofre, Susana Molina Siqueiros, Catalina Villanueva Matar

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Low-income rural communities that suffer from poverty, hunger, and malnutrition



**Initiative:**  
**NutreTec**

This initiative focuses on the production and distribution of a food supplement in order to combat the malnutrition that is permeated in the municipality of General Zaragoza, Nuevo León.

CONAFE and authorities of the municipality of General Zaragoza in Nuevo León also collaborate in this initiative.



**Type of initiative:**  
Student leadership



**Under the responsibility of:**  
High School



**Leader of initiative:**  
Marcela Joely Díaz



**Campus:**  
PrepaTec Campus Eugenio Garza Sada



**State:**  
Nuevo León



**Beneficiary sector of the population:**  
Rural communities of General Zaragoza, N.L.



**Initiative:****Avoid contaminating:  
do not waste food!**

The goal of this academic challenge is to develop an awareness campaign about food waste in Mexico.

The campaign was carried out as part of *Semana i (i Week)* with the participation of students of different undergraduate programs, who, from an innovation and social entrepreneurship perspective, made several proposals for awareness strategies about the food waste problems and how to tackle them.

Regarding social networks, the initiative was oriented to the collection of funds and to the promotion of action strategies to reach the largest number of people and states possible, as well as to avoid waste in restaurants, cafeterias, and households.

Additionally, it was connected to World Food Day (October 16th.) in order to promote the collection of bean seed among the students. The bean raised was donated to the BAMX Foundation (Food Banks in Mexico).

The World Bank, Hilton Hotels, the CMR Group, The Food Bank in Mexico, Bank of America, The Food Bank in Egypt, and The Information Center of the United Nations for Mexico also participated in this project .



**Type of initiative:**  
Academic



**Under the responsibility of:**  
School of Humanities and Education



**Leader of initiative:**  
Ivón Cepeda



**Campus:**  
Santa Fe



**State:**  
Mexico City

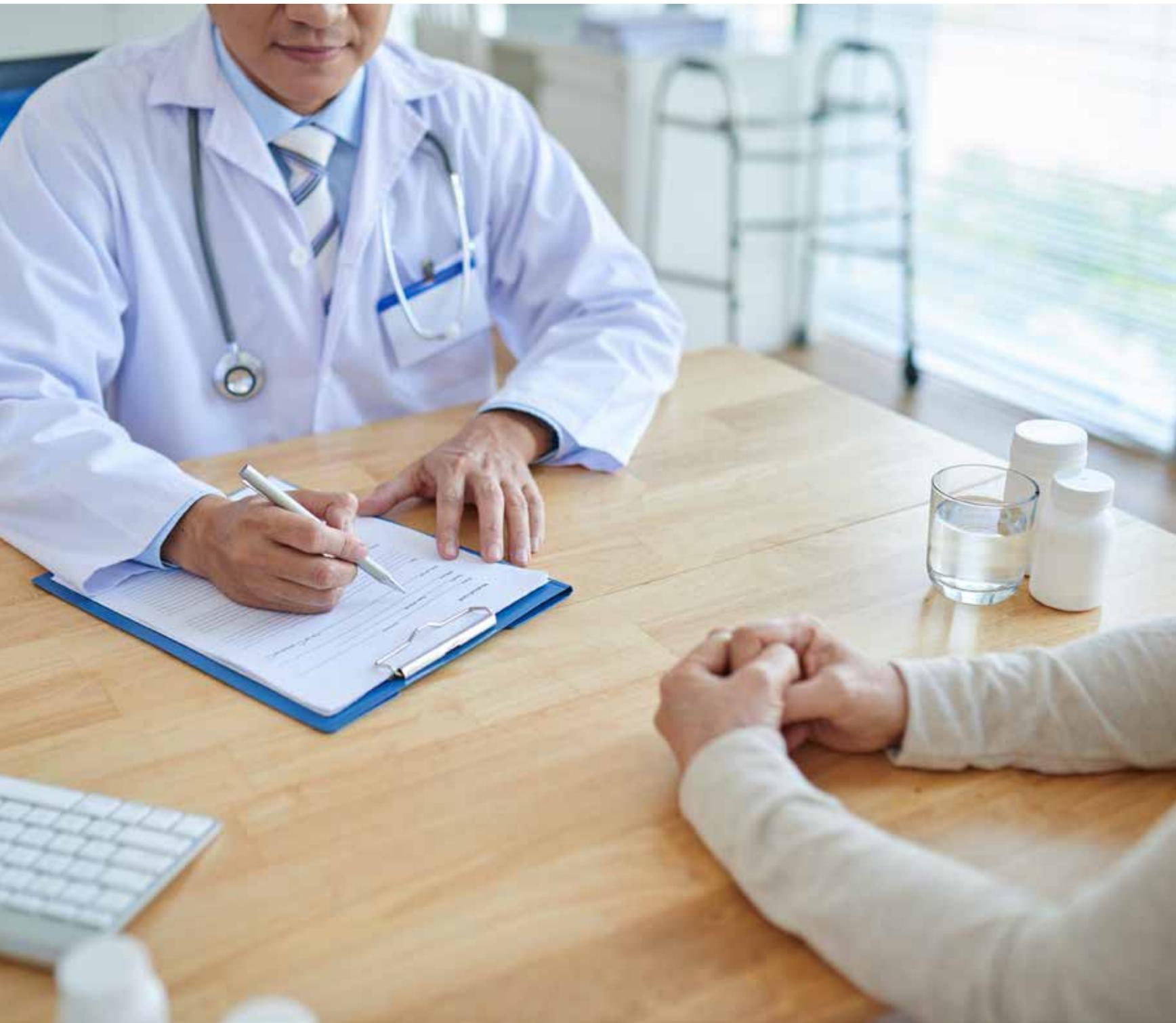


**Beneficiary sector of the population:**  
Persons in vulnerable conditions



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 3 Good health and well-being



# 144 SOCIAL INITIATIVES in the SDGs

## Good health and well-being

Led mainly by:

### SCHOOLS

High School **19 %**

Tecmilenio University **18 %**

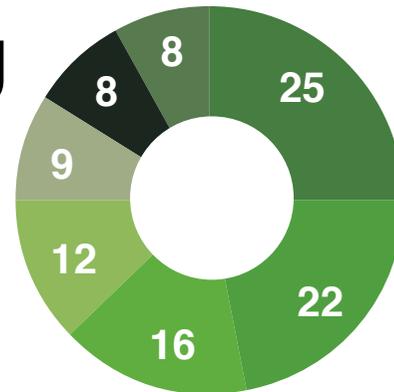
TecSalud **10 %**

Leadership Directorate and Student Formation **9 %**

### MAIN STATES ADDRESSED

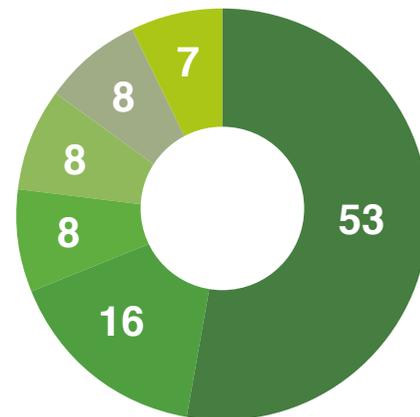


### TYPE OF INITIATIVE\*



- Academic: 25%
- Social service: 22%
- Student volunteer service: 16%
- Student leadership: 12%
- Collaborators volunteer serv: 9%
- Institutional: 8%
- Others: 8%

### MAIN BENEFICIARY SECTORS \*



- Other: 53%
- Boys, girls and teenagers: 16%
- Persons with special needs: 8%
- People with chronic/terminal diseases: 8%
- Persons in vulnerable conditions: 8%
- Senior adults: 7%

\*Graphs with percentages

**Initiative:**

**Medical attention at “Casa Hogar, N.L.”, “DIF Capullos”, Health Center “San Gilberto” and “Destellos de Luz”**

Medical interns doing their social service in medicine go daily as consulting physicians to “Casa Hogar, N. L.” (Children’s Home in Monterrey, Juárez and Guadalupe), “DIF Capullos” (Guadalupe), Health Center “San Gilberto” (Santa Catarina) and Casanicolás Migrant House (Guadalupe).

The doctors treat common illnesses and afflictions in general such as colds, gastroenteritis, viral and bacterial infections of the upper respiratory tract; they also apply dressings, make simple sutures, vaccinate, among others.

At Destellos de Luz (San Pedro Garza García), the medical interns help in the ophthalmology area, doing clinical records, initial examinations, reviewing medical histories, and participating in information sessions of the ophthalmology service.

**Annual consultations/visits**

- Casa Hogar, N.L.: **2,160** consultations
- DIF Capullos: **1,320** consultations
- Health Center San Gilberto: **720** consultations
- Destellos de Luz: **2,496** consultations
- Casanicolás Migrant House: **960** consultations



**Type of initiative:**

Social service



**Under the responsibility of:**

School of Medicine and Health Sciences



**Leader of initiative:**

Fernando Ayala Aguilera



**Campus:**

Monterrey



**State:**

Nuevo León



**Beneficiary sector of the population:**

Persons in vulnerable conditions, boys, girls and teenagers, senior adults



**Type of initiative:**

Academic



**Under the responsibility of:**

School of Medicine and Health Sciences



**Leader of initiative:**

Health Ministry of Nuevo León and intern students of medical specializations of the Tec



**Campus:**

Monterrey



**State:**

Nuevo León



**Beneficiary sector of the population:**

Persons in vulnerable conditions, boys, girls, teenagers and senior adults

**Initiative:**

**Clinical attention of resident doctors in rural hospitals in Nuevo León**

Resident doctors bring specialized attention in rural hospitals in the state of Nuevo León. They treat the population in general in the following specialties: internal medicine, surgery, gynecology and obstetrics, anesthesiology, and quality of clinical attention.

**Initiative:****Medical attention given at the Integral Health Center**

The Integral Health Center is made up by the Ophthalmology Clinic, the Primary Health Care Clinic, and the Academic Center of Integral Well-Being.

This center promotes health in sectors of limited resources, through prevention services, timely detection, and medical attention at very accessible prices.

The partners of this center are The School of Medicine and Health Sciences, The Zambrano Hellion Hospital, and the San José Hospital.

**Type of initiative:**

Institutional

**Under the responsibility of:**

TecSalud

**Leader of initiative:**

Juan Homar Páez Garza

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Persons in vulnerable conditions, boys, girls, teenagers and senior adults

**Type of initiative:**

Institutional

**Under the responsibility of:**

TecSalud

**Leader of initiative:**

María Guadalupe Grijalva Salazar

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Persons in vulnerable conditions, boys, girls, teenagers and senior adults

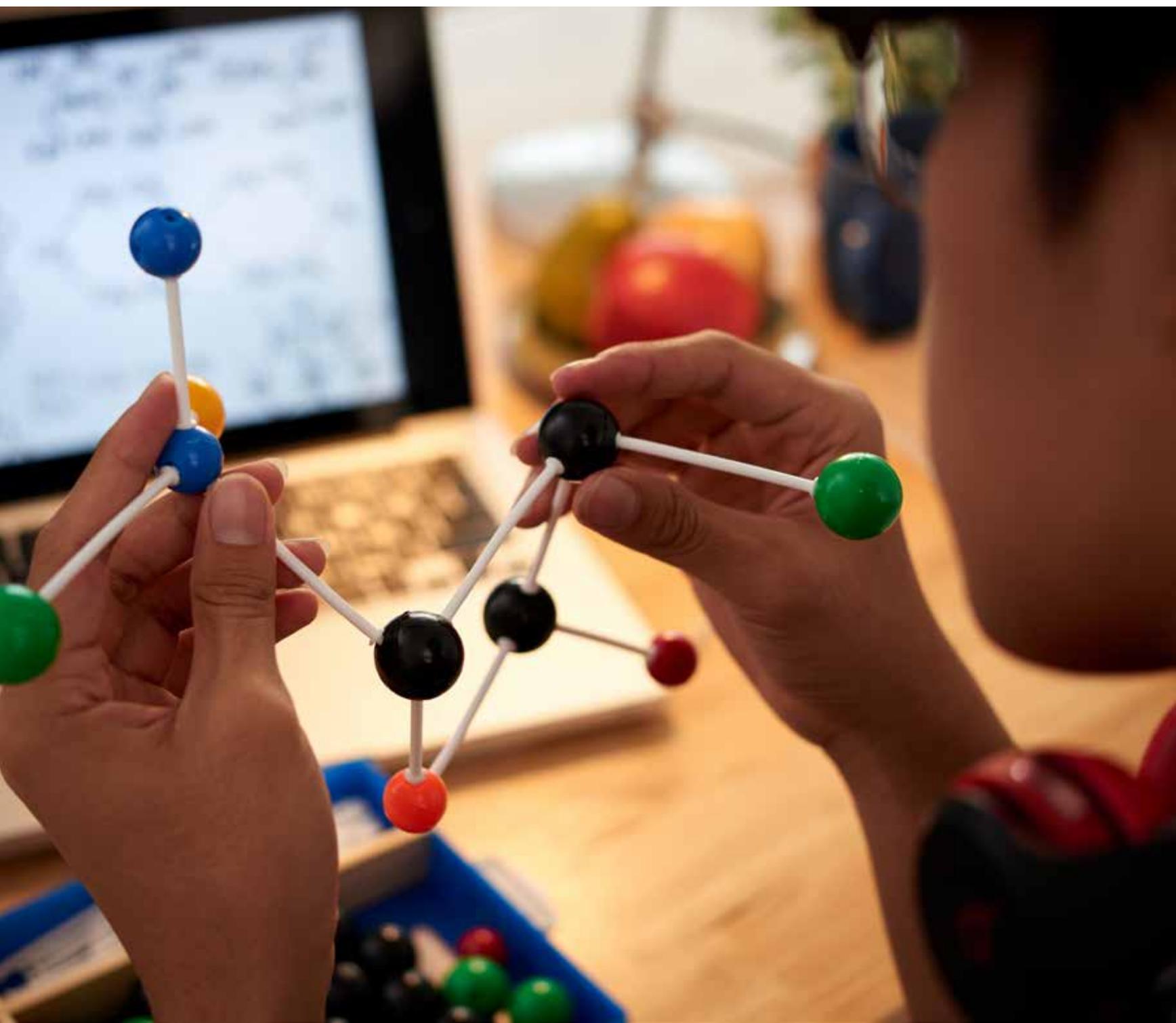
**Initiative:****Medical attention through the program with the Metropolitan Hospital**

With the goal of helping the most vulnerable population and reducing the waiting list of the Metropolitan Hospital "Dr. Bernardo Sepúlveda", the TecSalud Foundation collaborates with said institution in order to expedite the surgical attention of patients referred by that hospital, so that they can have surgery at the San José Hospital with resources of the Foundation.

This program, besides favoring patients, strengthens the relationship between both institutions and generates a clinical field for the resident students of General Surgery.

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 4 Quality education



# 189 SOCIAL INITIATIVES in the SDGs

## Quality education

Led mainly by:

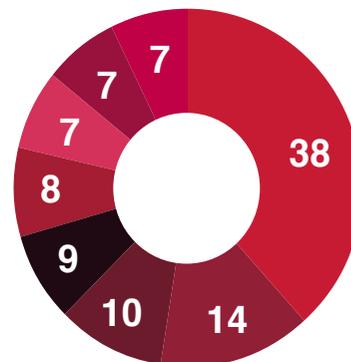
### SCHOOLS

High School	<b>19 %</b>
Operations Vice-presidency	<b>13 %</b>
Tecmilenio University	<b>11 %</b>
Academic Vice-Rector and of Educational Innovation	<b>10 %</b>

### MAIN STATES ADDRESSED

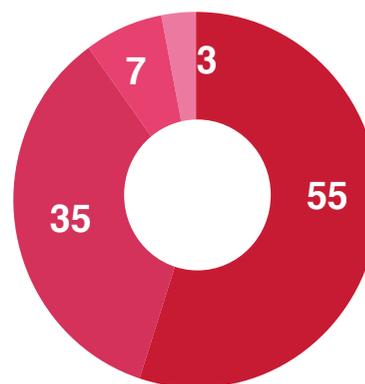


### TYPE OF INITIATIVE\*



- Social service: 38%
- Academic: 14%
- Student volunteer service: 10%
- Social entrepreneurship: 9%
- Collaborators volunteer serv: 8%
- Other: 7%
- Student leadership: 7%
- Institutional: 7%

### MAIN BENEFICIARY SECTORS\*



- Boys, girls and teenagers: 55%
- Others/Various: 35%
- Persons in vulnerable conditions: 7%
- Persons with special needs: 3%

\*Graphs with percentages

### Initiative:

## Leaders of Tomorrow

This is one of the key Initiatives of social transformation of our Institution. It is a program that grants 100% tuition for Mexican youth with great social and academic talent, in a situation of economic vulnerability, to study an undergraduate program at Tecnológico de Monterrey.

It is endorsed through the continuous support of partners in government sectors, foundations, and other sponsors, who, together with the Tec, increasingly enable bridging the gap to access quality education in Mexico.



**Type of initiative:**  
Institutional



**Under the responsibility of:**  
VP of Relationships and Development



**Leader of initiative:**  
Laura Ruiz Pérez



**Campus:**  
Various



**State:**  
Several



**Beneficiary sector of the population:**  
Mexican youth with a socio-economic disadvantage who want to study an undergraduate program



**Type of initiative:**  
Institutional



**Under the responsibility of:**  
Tecnilenio University



**Leader of initiative:**  
Raúl Mendoza Sánchez



**Campus:**  
Various



**State:**  
Several



**Beneficiary sector of the population:**  
Youth in vulnerable conditions, with high academic performance and socially committed

### Initiative:

## "Scholarships with a Purpose" from Tecmilenio University

This is one of the several philanthropic initiatives from Tecmilenio University whose objective is to transform talented youth into agents of positive change, thanks to a unique university model in the world, based on fostering the development of competencies in order to achieve their purpose in life.

This is accomplished by granting 100% tuition scholarships to youth with high academic performance, who prove a high sense of commitment and gratitude towards their community, as well as self-improvement and the pursuit of opportunities.

To this day, 55 million pesos have been raised in order to favor around 400 students. The Heineken corporation collaborates as an external partner in this initiative.

**Initiative:****"Online tutor" - Prepanet Monterrey**

This is an online High School from Tecnológico de Monterrey aimed at inhabitants of the metropolitan area in Monterrey and other municipalities of Nuevo León, who want to continue studying but cannot attend a traditional educational system due to different reasons.

Students from all the undergraduate programs of the Tec who are doing their social service, and who are highly sensitive to the sector they are assisting, participate as tutors in this initiative. Additionally, active faculty participate voluntarily as coordinators of a subject, endorsing and validating the courses academically-wise.

The educational model of Prepanet is fully integrated and, upon completion, the student is awarded the official certificate of high school. For graduates, this represents an opportunity of personal and professional growth which enables their social mobility.

Prepanet is a project that is favored by EXATEC volunteers, and collaborators of Tec de Monterrey.

**Type of initiative:**

Institutional, Social service

**Under the responsibility of:**

School of Humanities and Education - Ethics and Citizenship Formation

**Leader of initiative:**

Ivonne Pelayo

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Persons in vulnerable conditions who want to complete their high school education



-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
School of Humanities and Education
-  **Leader of initiative:**  
Dora García
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Persons in vulnerable conditions

**Initiative:**  
**“Online tutor” -  
 Virtual Learning Center**

This a space that provides service to the internal and external community, using a remote learning model, with no limitations of space or time, and which incorporates the new languages and information technology media.

**Initiative:**  
**Educational support to society  
 through “Data Scientist Kids”**

Camping for children between 8 and 12 years old from public schools in Monterrey, where students of the Business and Information Technology Engineer Program (INT) teach what it means to be a data scientist.

This Initiative is endorsed by SAP, Microsoft and IBM, and receives sponsorship from Xignux, HEB Foundation, and ZumbaPica, among others.

One of our main aspirations is to promote this type of camping to be replicated in other campuses, and even in other universities.

-  **Type of initiative:**  
Social service
-  **Under the responsibility of:**  
School of Engineering and Sciences
-  **Leader of initiative:**  
Jesús Aguilar
-  **Campus:**  
Monterrey
-  **State:**  
Nuevo León
-  **Beneficiary sector of the population:**  
Boys, girls and teenagers



**Initiative:**  
**Program “I love reading”**

This program is made up by alternative reality games (ARG) whose goal is to promote reading. Each game focuses on a specific literary genre (science fiction, fantasy, mystery, terror, etc.) and it features several interaction stations related to a particular book or story.

I love reading s was presented in San Francisco in December of 2018, as one of the projects that was selected by QS Reimagine Education in the category of Cultivating Curiosity.

One of the main goals is to position it in such a way that we can have an impact on more children and youth in society.



**Type of initiative:**  
 Social entrepreneurship



**Under the responsibility of:**  
 School of Humanities and Education



**Leader of initiative:**  
 Nohemí Lugo



**Campus:**  
 Querétaro



**State:**  
 Querétaro



**Beneficiary sector of the population:**  
 Boys, girls and teenagers



**Type of initiative:**  
 Institutional



**Under the responsibility of:**  
 School of Social Sciences and Government



**Leader of initiative:**  
 Marco Antonio Fernández Martínez



**Campus:**  
 Various



**State:**  
 Several



**Beneficiary sector of the population:**  
 Early childhood, boys, girls, teenagers, women and rural communities in general

**Initiative:**  
**Education with equity and quality**

The Initiative *Education with equity* and quality contributes in the advancement to create more opportunities of quality learning for the youth of all types of socio-economic, cultural, and regional conditions in Mexico.

It has two objectives: on one hand, to fortify the discussion about the lines of national education policies with applied research; and on the other, to contribute with high impact proposals of education policies that have an influence on related state and federal decisions.

The external partners of this initiative are State Governments, Ministries of Education, SEP, and Autonomous Universities.

-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
Tecnilenio University
-  **Leader of initiative:**  
Paola Visconti Arizpe
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Students of elementary and secondary schools

## Initiative: "Happy classrooms" from Tecnilenio University

This is a social service program through which the Tecnilenio University students bring positive psychology into elementary and secondary public schools of their community, to promote the happiness of students, teachers, and families.

Throughout this social service, the students of Tecnilenio, under the guidance of a teacher, transfer the knowledge acquired in university about character strengths and full attention, to the students in these schools.

Around 1,700 students of Tecnilenio participated in this program between 2016 and 2019. As of May of 2019, the number of students who have been impacted was above 10 thousand.

## Iniciativa: FIRST - Promotion of STEM

All the robotics teams of the High Schools of Tecnilenio University carry out social impact and promotion of **STEM** (*Science, Technology, Engineering and Math*) actions in low resources communities, as well as in those where they are located.

Each of the teams makes community work focused on the promotion of STEM education: one of the outstanding initiatives is that of the team of Campus Toluca, **WinT**, who through an agreement with the municipality of Toluca offers robotics workshops in the public libraries of the community. The team received the **Engineering Inspiration Award at the regionals of First Robotics Competition (FRC)**, in the city of Monterrey, for developing this initiative among their social impact activities on STEM.



-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
Tecnilenio University
-  **Leader of initiative:**  
Claudia Gutiérrez
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Boys and girls of the communities close to the campus

**Initiative:**  
**Observatory of Educational Innovation**

This initiative is responsible for identifying and disseminating the best practices in educational innovation among professors and directors of educational organizations throughout the world, both in English and Spanish.

Every year, the Observatory of Educational Innovation creates and distributes over 650 educational resources such as weekly reports, in-depth reports, webinars, interviews, and articles with the best practices, experiences and educational trends. In the 2018-2019 period, more than 400 thousand professors and educational leaders followed the Observatory of Educational Innovation in different social networks, its website recorded over 2 million visits, and more than 180 subscribed to the weekly report.



**Type of initiative:**  
Open educational resources



**Under the responsibility of:**  
Vice-rectory of Research and Transference of Technology



**Leader of initiative:**  
Esteban Venegas Villanueva



**Campus:**  
Monterrey



**State:**  
Nuevo León



**Beneficiary sector of the population:**  
Professors and academic directors, as well as students of all levels, national and international, in English & Spanish



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 5 Gender equality



# 33 SOCIAL INITIATIVES in the SDGs

## Gender equality

Led mainly by:

**SCHOOLS**

Center for Human Dignity **33 %**

School of Social Sciences and Government **15 %**

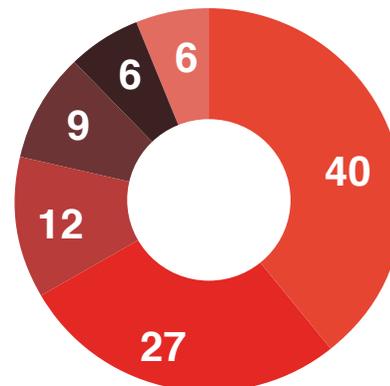
High School **15 %**

School of Humanities and Education **9 %**

### MAIN STATES ADDRESSED

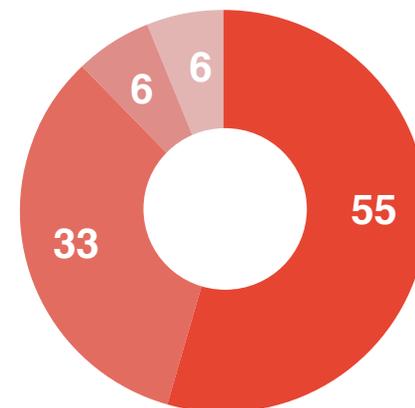


### TYPE OF INITIATIVE\*



- Academic: 40%
- Institutional: 27%
- Student leadership: 12%
- Other: 9%
- Social service: 6%
- Research: 6%

### MAIN BENEFICIARY SECTORS \*



- Others: 55%
- Women: 33%
- Boys, girls and teenagers: 6%
- Persons in vulnerable conditions: 6%

\*Graphs with percentages

### Initiative: HeForShe

The *HeForShe* initiative of the **UN Women** aims at inviting individuals of all genders to demonstrate their solidarity with women in order to create a brave, visible and united movement in the defense of gender equality.

In January of 2019, the Tec adhered to this movement through the signature of nine commitments towards gender equality. This agreement was signed by Salvador Alva, president of the Tecnológico de Monterrey, and Belén Sanz, representative of UN Women in Mexico.



**Type of initiative:**  
Institutional



**Under the responsibility of:**  
Center for Human Dignity



**Leader of initiative:**  
Felisa González Gómez



**Campus:**  
Various



**State:**  
Several



**Beneficiary sector of the population:**  
Population in general, specially women

**Type of initiative:**

Academic

**Under the responsibility of:**

School of Social Sciences and Government

**Leader of initiative:**

Shaye Suzanne Worthman

**Campus:**

Puebla

**State:**

Puebla

**Beneficiary sector of the population:**

Persons in vulnerable conditions, indigenous people, women and migrants

**Initiative:****Knitting new worlds with "Tzotziles" migrants in Puebla: a citizen experience**

The students of our institution who participate in this initiative, contribute to the empowerment of the Tzotzil migrant women in Puebla, through the co-design of solutions for the obstacles they face in the development of their cooperatives.

**Initiative:****Challenge 4Thousand: women investing in their lives**

*Challenge4Thousand* is a program that trained over 4,500 Mexican women with a profile of low schooling and low income level per household, which contributes to breaking the violence cycle against women in Mexico, by fostering the development of their financial skills to be economically autonomous.

About 4,500 women and girls completed the workshop, of whom several entrepreneurship were reported after the training.

400 volunteers (female students and teachers, EXATEC, and the community in general) were involved in this initiative, in order to offer training in eleven states of the country.

The initiative has the support of different external partners: international organizations, academic and governmental institutions, State departments, several NGO's and entrepreneurship.

**Type of initiative:**

Institutional, volunteer service, academic

**Under the responsibility of:**

Center for the Recognition of Human Dignity, School of Humanities and Education

**Leader of initiative:**

Luz María Velázquez, Angelina Soriano

**Campus:**

Monterrey

**State:**

Several

**Beneficiary sector of the population:**

Women

## Initiative: Beautiful Patterns

The aim of this initiative is to create interest and develop the talent of secondary and high school girls (13 – 17 years of age) in the field of Engineering and Computers, by means of the introduction of design and programming patterns.

In order to do this, a summer camp was organized between MIT and Tec de Monterrey, with the objective of motivating more women to choose a **STEM** program (*Science, Technology, Engineering and Mathematics*): ludic activities of algorithms and programming were carried out. The instructors are female students of the Computer Science program of MIT, and of the Computer Science Engineering Program (ISC) of Tec de Monterrey, who work together to have an impact on many girls and teenagers.



### Type of initiative:

Institutional



### Under the responsibility of:

School of Engineering and Sciences



### Leader of initiative:

Juan Arturo Nolzco Flores, Julio Noriega, Patricia Escamilla Escalante, Jorge Azzario



### Campus:

Mexico City, Monterrey



### State:

Several



### Beneficiary sector of the population:

Girls and teenagers



**Type of initiative:**

Academic

**Under the responsibility of:**

High School

**Leader of initiative:**

Laura Molina Salgado

**Campus:**

Mexico City

**State:**

Mexico City

**Beneficiary sector of the population:**

Women

**Initiative:****Icnelia-Teczaly**

The Teczaly team is made up by four female students and three female teachers of our Institution, who elaborated a proposition to solve one of the major current problems: the insecurity suffered by women in Mexico.

To meet this, they developed **Icnelia**, a mobile application, which, with a pulse sensor and a panic button integrated into a bracelet, can send a message to five contacts. If the pulses decrease noticeably, it sends a personalized SMS with a GPS location.

With Icnelia, the Teczaly team won the regional contest of *Technovation Mexico* in May 2018; and in November of the same year, the first PrepApps contest in Monterrey.

**Type of initiative:**

Research

**Under the responsibility of:**

School of Social Sciences and Government

**Leader of initiative:**

Cintia Smith

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Women

**Initiative:****Diagnostic about the participation of women in the Congress of Nuevo León**

The purpose of this study is to learn how the participation of women in the Congress of the State of Nuevo León develops: a diagnostic of mixed methodology with quantitative and qualitative techniques will be made, in order to carry out an analysis of the inclusion and exclusion of women in the aforementioned congress.

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 6 Clean water and sanitation



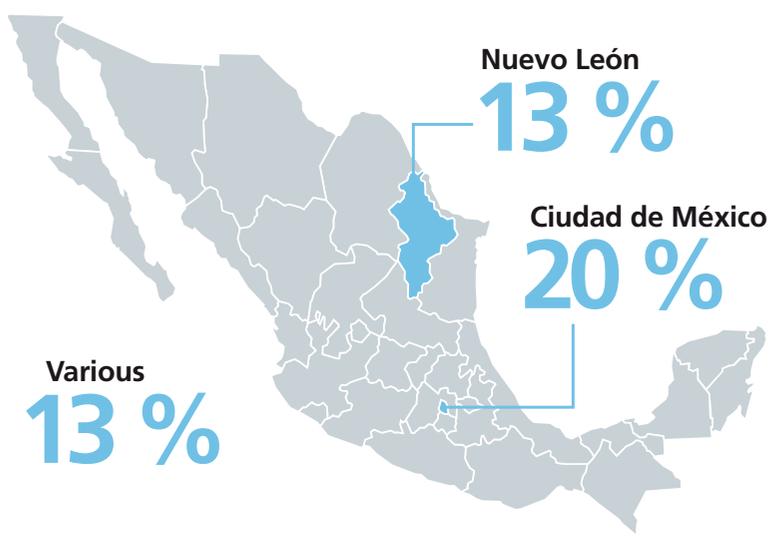
# 15 SOCIAL INITIATIVES in the SDGs

## Clean water and sanitation

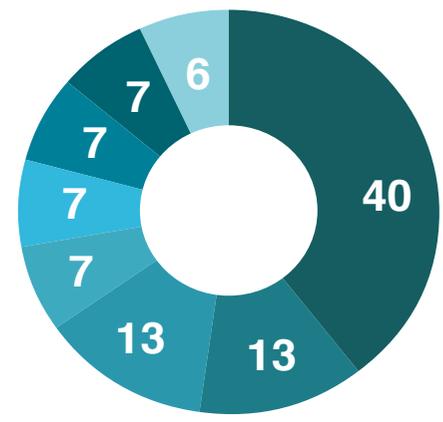
Led mainly by:  
**SCHOOLS**

- School of Engineering and Sciences **27 %**
- Tecmilenio University **20 %**
- Humanities - Ethics and Citizenship Formation **13 %**

### MAIN STATES ADDRESSED

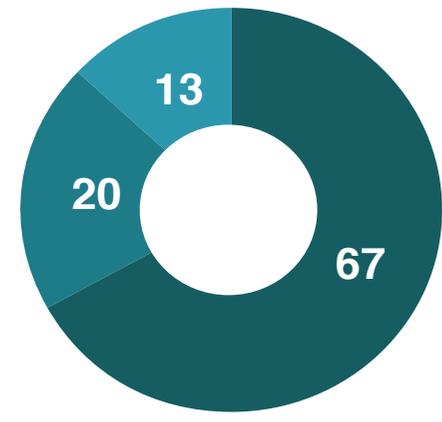


### TYPE OF INITIATIVE\*



- Academic: 40%
- Social entrepreneurship: 13%
- Student volunteer service: 13%
- Institutional: 7%
- Research: 7%
- Social service: 7%
- Other: 7%
- Collaborators volunteer serv: 6%

### MAIN BENEFICIARY SECTORS \*



- Others: 67%
- Rural communities: 20%
- Population in general: 13%

\*Graphs with percentages

**Type of initiative:**

Research

**Under the responsibility of:**

School of Engineering and Sciences

**Leader of initiative:**

Alberto Mendoza

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Population in general

**Initiative:****The Water Center for Latin America and the Caribbean**

The Water Center for Latin America and the Caribbean emerged in November 2008 as a joint initiative of Tecnológico de Monterrey, FEMSA Foundation and the Inter-American Development Bank, focused on the creation of an applied research center of issues of the sustainable water use in Latin America and the Caribbean.

**Initiative:****Construction of sewage treatment plants at Tec de Monterrey**

Construction and modernization of 24 sewage treatment plants located in the campuses of Tec de Monterrey.

The initial investment will be allocated to start eight treatment plants.

**Type of initiative:**

Institutional

**Under the responsibility of:**

VP of Operations

**Leader of initiative:**

Delia Gutiérrez

**Campus:**

Various

**State:**

Several

**Beneficiary sector of the population:**

Population in general

**Initiative:**  
**Waterlution Labs**

*Waterlution* is an international innovation bootcamp organized by the Canadian NGO Waterlution Labs, which focuses on solving different problems related to water in different regions.

In September of 2019 the first *Waterlution* was held in Latin America fostered by INNOVaction GYM Campus Monterrey: with the participation of forty students of different undergraduate programs from several regions of Mexico and Central America, backed up by the sponsorship of the Canadian Consulate (who granted five scholarships for participants of indigenous origin), Heineken, and FEMSA.

In all, six entrepreneurship propositions with a technological basis were developed focused on solving water access problems in rural communities and the metropolitan area of Monterrey.



**Type of initiative:**  
 Social entrepreneurship



**Under the responsibility of:**  
 School of Engineering and Sciences



**Leader of initiative:**  
 Azael Capetillo



**Campus:**  
 Monterrey



**State:**  
 Nuevo León



**Beneficiary sector of the population:**  
 Persons in vulnerable conditions and rural communities

**Initiative:**

**Soapy water treatment with biofilters in limited resources communities assisted by the association "Nutre a un niño, A.C." (Nurture a kid)**

This initiative focuses on the construction of biofilters to eliminate the soap of wastewater that comes from dishwashing.

The actions to be developed are the following: construction of biofilters to separate the soap and recycle the water, installing the biofilters in households of communities of limited resources of the municipalities of Acambay and Chanteje, State of Mexico and making tests to verify the correct functioning of the biofilter.



**Type of initiative:**

Academic



**Under the responsibility of:**

School of Engineering and Sciences



**Leader of initiative:**

Juan Manuel Reyna González



**Campus:**

Mexico City



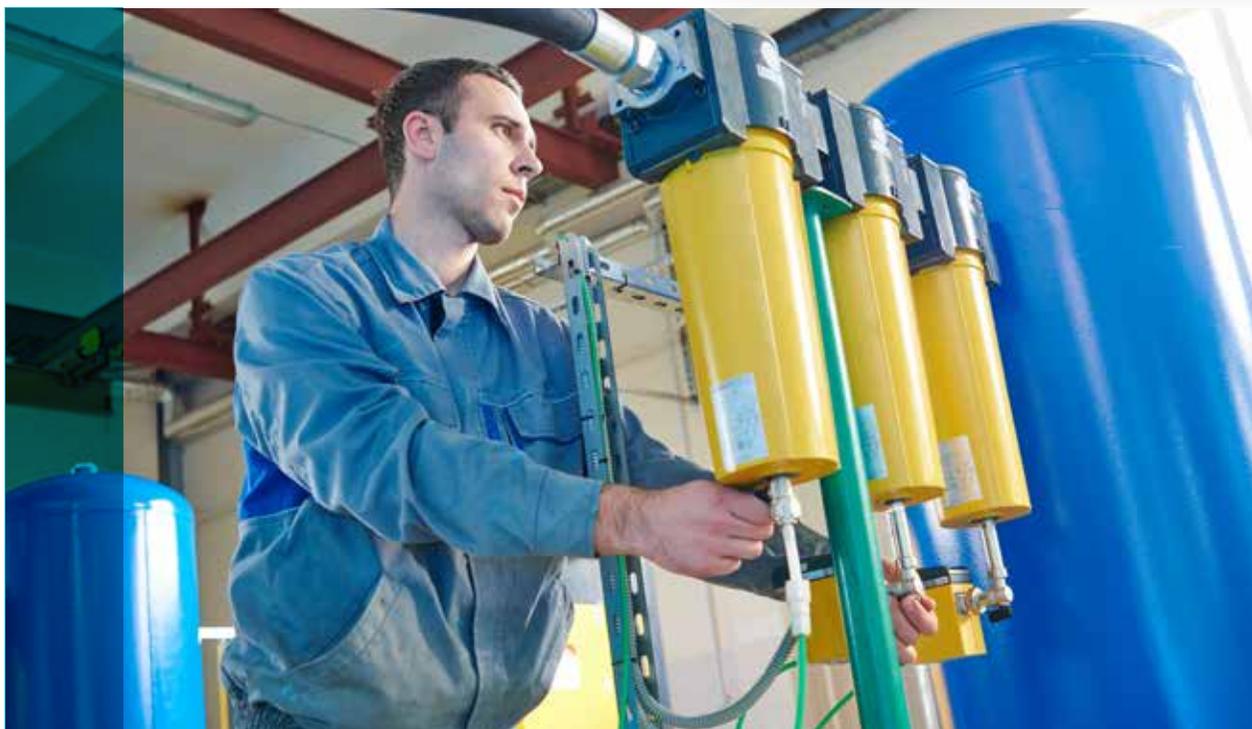
**State:**

State of Mexico



**Beneficiary sector of the population:**

Persons in vulnerable conditions and rural communities of Acambay and Chanteje, State of Mexico



**Initiative:**

**Audiovisual production of documentaries in local environments**

The challenge consisted on making products on different media to make the water problem visible, from a social, political, economic, and cultural perspective.

Four documentaries were made, a photograph exhibition in the campuses of Mexico City and Santa Fe, a digital platform, and a book regarding the water problem in municipalities of Mexico City and the State of Mexico.

These documentaries have participated in different contests and have received several awards; additionally they have been broadcast on television in Capital 21 and Milenio Television.



**Type of initiative:**  
Social entrepreneurship



**Under the responsibility of:**  
School of Humanities and Education



**Leader of initiative:**  
Claudia García Rubio



**Campus:**  
Mexico City, Santa Fe



**State:**  
Mexico City, State of Mexico



**Beneficiary sector of the population:**  
Rural communities, boys, girls, teenagers, women and senior citizens



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 7 Affordable and clean energy



# 8 SOCIAL INITIATIVES in the SDGs

## Affordable and clean energy

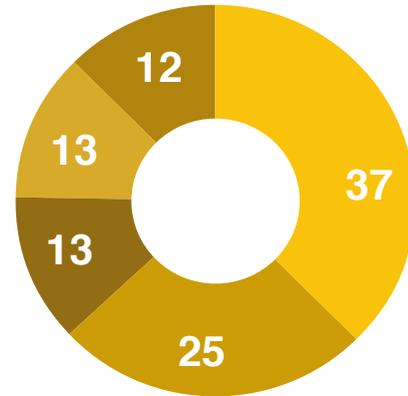
Led mainly by:  
**SCHOOLS**

Operations Vice-presidency **50 %**  
Tecnológico de Monterrey **13 %**

### MAIN STATES ADDRESSED

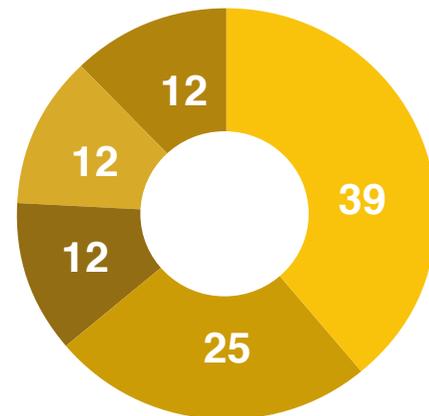


### TYPE OF INITIATIVE\*



- Institutional: 37%
- Academic: 25%
- Research: 13%
- Social service: 13%
- Student volunteer service: 12%

### MAIN BENEFICIARY SECTORS \*



- Tec Community: 39%
- Others: 25%
- Rural communities: 12%
- Population in general: 12%
- Boys, girls and teenagers: 12%

\*Graphs with percentages

**Initiative:****Energy initiative of Tecnológico de Monterrey**

The objective of this initiative is to analyze, propose, and give an answer to problems of the energy industry from the perspectives of regulation, technology, human resources, politics, and science, through the formation of work groups and the collaboration with key actors from the Government, Scholars, and the private sector.

The external partners of this initiative are Calgary University, UNAM, IPN, UANL, PEMEX, SENER, CONACYT, CNH, CENACE, NATURGY.



**Type of initiative:**  
Research



**Under the responsibility of:**  
School of Social Sciences and Government



**Leader of initiative:**  
Luis Alberto Serra Barragán



**Campus:**  
Various



**State:**  
Several



**Beneficiary sector of the population:**  
Population in general



**Initiative:****Generation of clean energies at Tec de Monterrey**

It brings together the different efforts of our institution in order to generate a sustainable energies system that is able to respond to the problems of the energy industry. Next, is the description of the projects:

**1. Generation of energy on-site**

Design and setup of photovoltaic systems in different campuses for the own generation of renewable energy on-site.

**2. Contract of renewable energy**

With the purpose of reducing the Institutional carbon footprint, 47% of the energy used by Tec de Monterrey, comes from clean sources with zero emissions, preventing the emission of over 35 tons of CO<sub>2</sub>.

**3. Photovoltaic System at the Borregos Stadium**

Design and setup of the photovoltaic system on the roofing of the new Borregos Stadium at Campus Monterrey.

**Type of initiative:**

Institutional

**Under the responsibility of:**

VP of Operations

**Leader of initiative:**

Delia Gutiérrez

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Population in general





### Initiative:

## Sustaingeneering

Effort of a team of students from the Tec with the objective of integrating technological research, sustainability, and social commitment through the development and implementation of renewable technological solutions for communities with energy vulnerability. The students seek to design and deploy an autonomous solar substation, and to improve the infrastructure in the community of Palma Gorda, Saltillo.

This is an interinstitutional Initiative and it is run in collaboration with a group of students from British Columbia University in Canada. At Tec de Monterrey, the initiative is validated and conducted by the School of Engineering and Sciences, and Social service.

It is potentially replicable in other campuses and it represents a flagship project in social transformation.



#### Type of initiative:

Social service, student leadership



#### Under the responsibility of:

School of Humanities and Education - Ethics and Citizenship Formation



#### Leader of initiative:

Adriana Cano, Lucía Cortés



#### Campus:

Monterrey



#### State:

Nuevo León



#### Beneficiary sector of the population:

Rural communities

**Type of initiative:**

Academic

**Under the responsibility of:**

Business School

**Leader of initiative:**

Mariel Carreño Huicochea

**Campus:**

Mexico City

**State:**

Mexico City

**Beneficiary sector of the population:**

Rural communities

**Initiative:****Green finances and energy**

This class from the Business School at Tec aims at providing the student with the fundamentals of energy analysis, legislation and funding of energy resources.

Topics of standards for the classification of green assets, and financial requirements to combat climate change are also integrated.



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 8 Decent work and economic growth

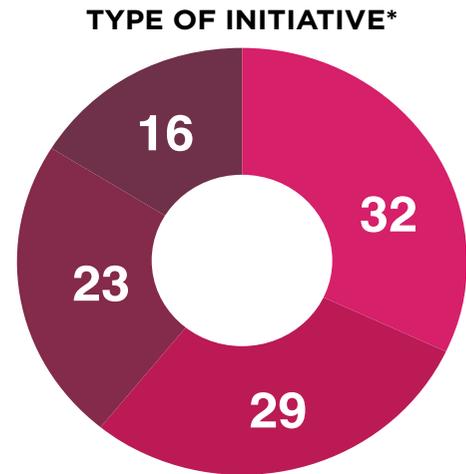
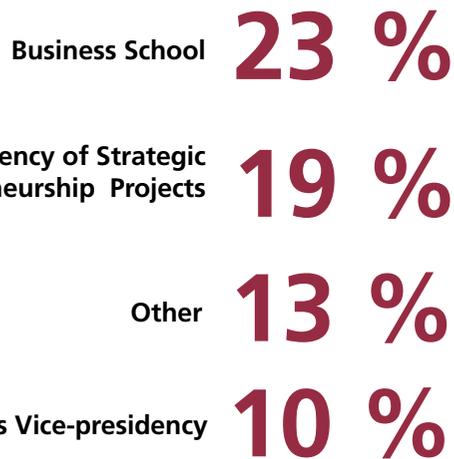


# 31 SOCIAL INITIATIVES in the SDGs

## Decent work and economic growth

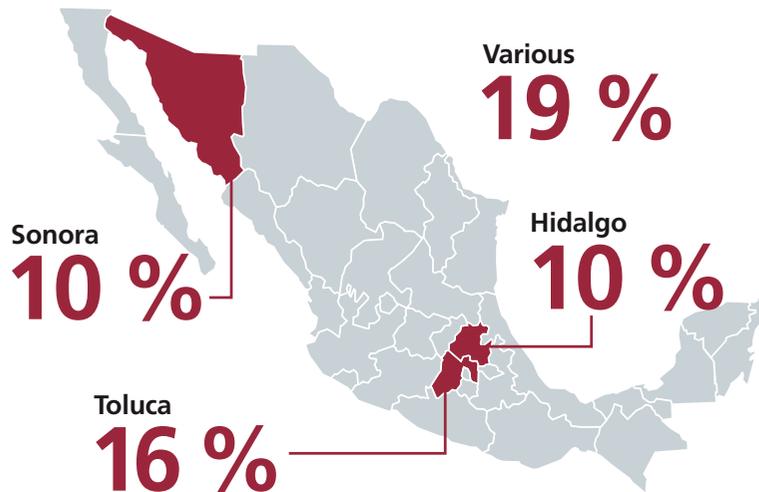
Led mainly by:

### SCHOOLS

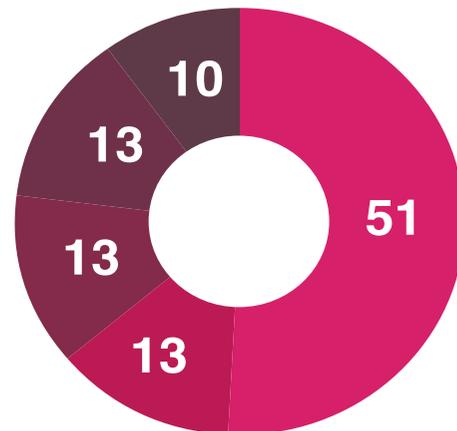


- Academic: 32%
- Social entrepreneurship: 29%
- Social service: 23%
- Other: 16%

### MAIN STATES ADDRESSED



### MAIN BENEFICIARY SECTORS \*



- Other: 51%
- Unemployed youth: 13%
- Persons in vulnerable conditions: 13%
- Rural communities: 13%
- Micro entrepreneurs: 10%

\*Graphs with percentages

**Initiative:****Initiatives related to encouraging micro entrepreneurs**

In several communities of the country the Tec Community has developed and participated in initiatives that give advice to micro entrepreneur men and women in the creation and sustainability of their entrepreneurships, promoting economic development, inclusion and gender equity.

### 1. Social innovation and business incubation at Cajeme - Ruta Sierra Mar

Students and faculty of the Business and Engineering Schools of Campus Mexico Obregón visited rural communities of Cajeme, Sonora, in order to encourage micro entrepreneurs of the area, paying special attention to indigenous Yaqui women and senior citizens.

They were provided with counseling for their financial, marketing, distribution, and processes needs, in order to ensure the sustainability and permanence of their businesses in the market.

The initiatives seek the shaping of citizens who are aware of the socio-economic reality of the country, to transform them into agents of change with actions that transcend and generate improvement in the lives of the participants.

**Leader of Initiative:** María Eugenia Ballesteros Félix

### 2. Social incubators

Spaces designed to promote social and community development through institutional programs with the participation of students, faculty, and the communities of Zapopan and Guadalajara.

In order to address educational needs, encourage the creation and development of micro entrepreneurships, promote gender equity, and reduce the existing socio-economic gap, several educational, training, and consultancy services are offered through social service.

This academic initiative favors boys, girls, teenagers, women, senior adults, individuals in vulnerable conditions, or people living with addictions. It is carried out in Campus Guadalajara, in Jalisco, and it is under the responsibility of the Business School and th Eugenio Garza Lagüera Entrepreneurship Institute.

**Leader of Initiative:** Doria Torres





### 3. Monitoring of micro-businesses

It seeks the professionalization of the productive and administrative processes of the micro-businesses registered in the Social Incubator of Campus Hidalgo through guidance in business topics towards their growth and development. It promotes the transference of knowledge and the supportive commitment of the community.

This social service initiative favors the population in general, is carried out in Campus Hidalgo, in the state of Hidalgo, and it is under the responsibility of the VP of Operations, the Academic Vice-Rector, and Educational Innovation

**Leader of Initiative:** Angélica María Valencia Montoya

### 4. Finance applied to the micro-business

It seeks the professionalization of the productive and administrative processes of the micro-businesses registered in the Social Incubator of Campus Hidalgo through guidance in business topics towards their growth and development. It promotes the transference of knowledge and the supportive commitment of the community.

This social service initiative favors the population in general, is carried out in Campus Hidalgo, in the state of Hidalgo, and it is under the responsibility of the VP of Operations, the Academic Vice-Rector, and Educational Innovation.

**Leader of Initiative:** Angélica María Valencia Montoya

### 5. Junior advisors for SMEs

Students of the workshops area from DIF Municipal in Saltillo, Coahuila, are provided with guidance about business models, with the purpose of fostering their economic activation once they finish their training.

This social entrepreneurship initiative favors boys, girls and teenagers. It is carried out in Campus Saltillo, in Coahuila, and it is under the responsibility of the Business School.

**Leader of Initiative:** Olga Lydia Martínez Cardona



### 6. Junior mentor

Students of Tec de Monterrey support and provide guidance as junior mentors to entrepreneurs of Metepec, Toluca, in the creation and development of their micro-business.

This social service initiative favors persons in vulnerable conditions, it is carried out in Campus Toluca, and it is under the responsibility of the Business School.

**Leader of Initiative:** Alejandra Hernández



-  **Type of initiative:**  
Academic
-  **Under the responsibility of:**  
EGADE Business School
-  **Leader of initiative:**  
Luis Eduardo Islas Cuevas
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Persons with special needs

**Initiative:**  
**Diploma Course + Talent**

This diploma course is about the design of inclusion projects for persons with special needs in the companies of Mexico City and Monterrey.

The external partners are “Movimiento Congruencia” and “Éntrale”, an alliance for the inclusion of persons with special needs.



-  **Type of initiative:**  
Social entrepreneurship
-  **Under the responsibility of:**  
EGADE Business School
-  **Leader of initiative:**  
Luis Eduardo Islas Cuevas
-  **Campus:**  
Santa Fe
-  **State:**  
Mexico City
-  **Beneficiary sector of the population:**  
Population in general

**Initiative:**  
**BBVA Momentum (2018 and 2019)**

Global initiative of the BBVA Group in partnership with EGADE Business School, New Ventures México and special participation of PriceWaterhouseCoopers México.

Its goal is to encourage the growth of social, innovative, sustainable, and high-impact entrepreneurs, through a formation, strategic support, funding, collaboration, and networking program, taught by professors of the Business School of the Tecnológico de Monterrey, business leaders, and expert mentors.

The SMES selected for the most recent edition of Momentum were 3P Technik México, Apinova, Biosolutions, Clínicas del Azúcar, Inventive Power, Ipoderac, Lorean Energy, Naturelo, Renovapack and SmartFish.

**Initiative:**  
**Bootcamp of social entrepreneurship AMUP**

The Mexican Association of Private Universities (AMUP) —made up by CETYS, ITAM, ITESO, UDLAP, UP, UDEM, IBERO, La SALLE and Tecnológico de Monterrey— is a group of Mexican non-profit universities committed to higher education, seeking to offer opportunities for academic merit in order to contribute to the development of a better country.

These institutions, come together through AMUP, to call their student communities to participate in the social entrepreneurship bootcamp, whose goal is to identify, support, and recognize the ideas of students focus on solving the problem of youth unemployment which are replicable and scalable at a worldwide level.

-  **Type of initiative:**  
Social entrepreneurship
-  **Under the responsibility of:**  
VP of Strategic Projects of Entrepreneurship, Eugenio Garza Lagüera Entre-preneurship Institute
-  **Leader of initiative:**  
Jairo Abraham Ruiz Nava
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Boys, girls, teenagers and youth

**Initiative:**  
**Iknextia**

This student group seeks to obtain funding to grant micro-credits to entrepreneurs who lack economic resources to obtain counseling and the capital for their business.

The strategic partners who endorse this initiative are Sigma Alimentos and the State Institute of Women in Nuevo León, where both provide economic funding and expertise around entrepreneurship.



**Type of initiative:**

Social service, student leadership



**Under the responsibility of:**

Leadership Directorate and Student Formation



**Leader of initiative:**

Fernando Calderón



**Campus:**

Monterrey



**State:**

Monterrey



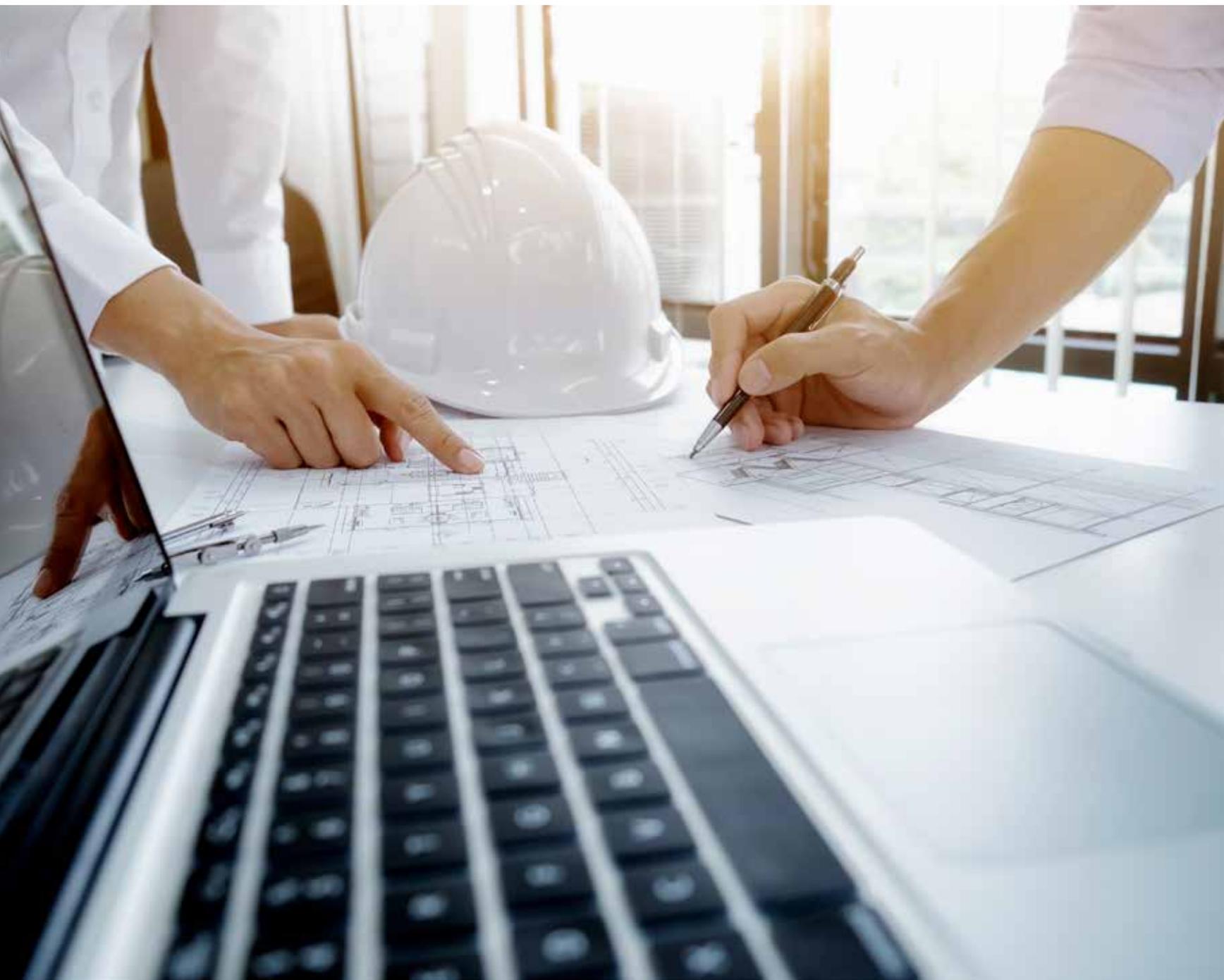
**Beneficiary sector of the population:**

Persons in vulnerable conditions of the metropolitan area of Monterrey



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 9 Industry, innovation and infrastructure



# 11 SOCIAL INITIATIVES in the SDGs

## Industry, innovation and infrastructure

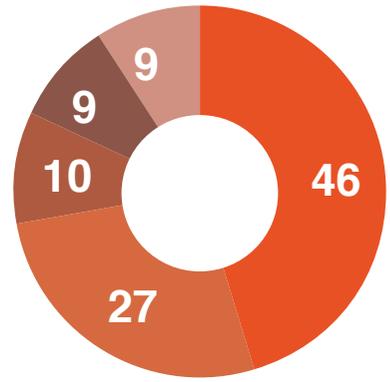
Led mainly by  
**SCHOOLS**

- School of Engineering and Sciences **45 %**
- NIC **36 %**
- Tecmilenio University **9 %**

### MAIN STATES ADDRESSED

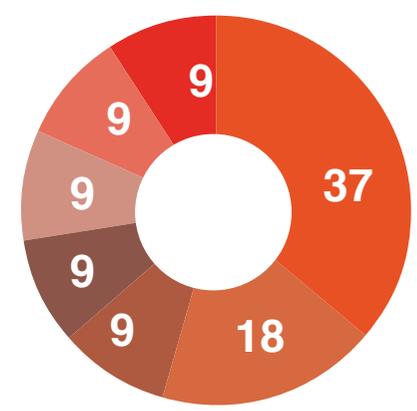


### TYPE OF INITIATIVE\*



- Academic: 46%
- Research: 27%
- Other: 10%
- Institutional: 9%
- Collaborators volunteer serv: 9%

### MAIN BENEFICIARY SECTORS \*



- Boys, girls and teenagers: 37%
- Internet community: 18%
- Population in general: 9%
- Persons with special needs: 9%
- Tec Community: 9%
- Population affected: 9%
- Others: 9%

\*Graphs with percentages



**Type of initiative:**  
Academic



**Under the responsibility of:**  
School of Engineering and Sciences



**Leader of initiative:**  
David Ernesto Salinas Navarro



**Campus:**  
Various



**State:**  
Several



**Beneficiary sector of the population:**  
Population in general

### Initiative:

## Social Lab for Sustainable Logistics

This action consists of the development of a laboratory of experiential learning, for the attention of problems related to the sustainability in the areas of logistics and administration of the supply chain for the teaching of industrial engineering. It is carried out through internships of national and international research, where professors of the Tec, from the South and Mexico City regions, collaborate with training partners to develop application cases of the SDG's in industrial engineering.

The Project earned first place in the *Student Paper Competition* in the conference "MIT SCALE 2018", and emanating from it several articles about spaces of experiential learning, evaluation of competencies in SCOPUS conferences, and the chapter of a book have been produced. We are looking to relaunch a version that involves topics of digital transformation and industry 4.0.

The external partners are the Universidad de los Andes, Department of Industrial Engineering, Center for Transportation and Logistics-MIT, Logyca Research- Bogotá, and Technical University of Eindhoven.



**Initiative:****Innovations of the School of Engineering and Sciences**

The School of Engineering and Sciences makes different plans and research & development projects which are finding innovative solutions related to recycling, social robotics, rehab, etc.

**1. Unit to recycle plastic with digital technology**

Course project of the Mechatronics (IMT) Programme, consisting of the design and construction of an extruder machine to recycle plastic.

This academic initiative favors the population in general, and it is carried out in Campus Morelia, in the state of Michoacán.

**Leader of Initiative:** Rosalino Rodríguez Calderón

**2. NAOTEAM CCM – Social Robotics**

It is based on the use of humanoid robots for therapies, demonstrations, and workshops. The impact generated on health and education, throughout five years, has addressed elementary, secondary, and high schools; and has triggered the production of *papers*, workshops, and visits to community centers.

This research initiative favors boys, girls, teenagers, senior citizens, and persons in vulnerable conditions. It is carried out in Campus Mexico City and it collaborates with the National Rehabilitation Institute.

**Leader of Initiative:** Edgar Omar López Caudana



### 3. Design of device for rehabilitation and inclusion of children of CAME

It consists in the design of a device for the rehabilitation and inclusion of children from the State Center of Multiple Attention (CAME, in Spanish), made by students of the third semester of Industrial Engineering with minor in Systems (IIS) from Campus Sonora Norte.

This Project has been carried out for over eight years, and it enables the provision of five devices per semester.

The academic initiative favors boys, girls, teenagers and persons with special needs. It is carried out in Campus Sonora Norte, in the state of Sonora.

**Leader of Initiative:** Enrique Martínez Carrillo



### 4. Glove-E

It integrates the development of a glove for persons with special visual needs, which gives feedback about objects that are close. It was made by five students and a professor from our Institution, and it has obtained great circulation on the media due to its scalability.

The academic initiative favors persons with special needs and it is carried out in Campus Saltillo, in the state Coahuila.

**Leader of Initiative:** Roberto David Rodríguez Said

**Initiative:**  
**Annual report of Greenhouse effect (GHE)**

It is carried out in all the institutions of Tecnológico de Monterrey since 2016, in order to comply with the General Law of Climate Change. It enables finding opportunity areas in emission processes of these gases, and informing on the efforts and accomplishments to reduce them.

-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
VP of Operations
-  **Leader of initiative:**  
María José Ceja Ahumada
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Population in general

-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
Network Information Center (NIC)
-  **Leader of initiative:**  
Jorge Azzario, Fabiola Peña
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Population in general

**Initiative:**  
**National Fund of Digital Innovation Mexico**

This fund seeks to generate a funding program in order to strengthen the capacities and opportunities of *networking* of the civil society, entrepreneurs and Governments who articulate the potential of information and communication technologies for the development of the country.

**Initiative:**  
**JOOL**

It is an implementation, in free code for Linux, of the NAT64 and SIIT standards, which enable communication between the IPv4 and IPv4 protocols with transition mechanisms that are absolutely transparent for the end user.

NIC México has a series of free workshops in order to have a better understanding of the JOOL tool, and contribute to that transition.

-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
NIC
-  **Leader of initiative:**  
Cristóbal Chapital
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Population in general

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 10 Reduced inequalities



# 96 SOCIAL INITIATIVES in the SDGs

## Reduced inequalities

Led mainly by:

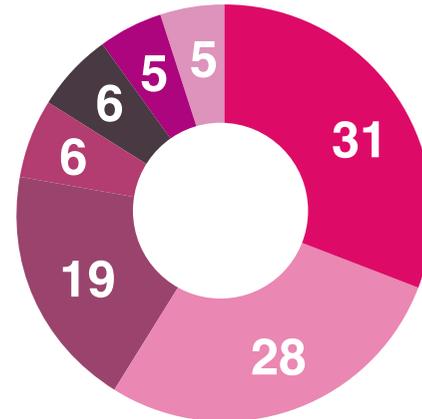
### SCHOOLS

Leadership Directorate and Student Formation	<b>26 %</b>
High School	<b>17 %</b>
Business School	<b>8 %</b>
Humanities - Ethics and Citizenship Formation	<b>8 %</b>
School of Social Sciences and Government	<b>6 %</b>

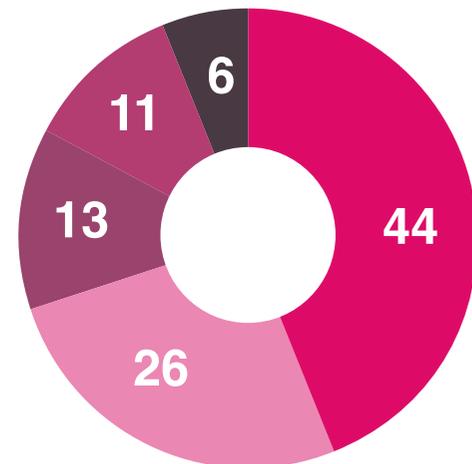
### MAIN STATES ADDRESSED



### TYPE OF INITIATIVE\*



### MAIN BENEFICIARY SECTORS \*



- Others: 44%
- Persons with special needs: 26%
- Boys, girls and teenagers: 13%
- Persons in vulnerable conditions: 11%
- Migrants: 6%

\*Graphs with percentages



**Type of initiative:**

Institutional



**Under the responsibility of:**

Center for the Recognition of Human Dignity



**Leader of initiative:**

Felisa González, Maryangel García Ramos



**Campus:**

Various



**State:**

Several



**Beneficiary sector of the population:**

Women, persons with special needs and in vulnerable conditions

**Initiative:**

**Report of diversity and inclusion**

This is an annual recopilation of outstanding initiatives made by Tec de Monterrey in topics of diversity and inclusion.

**Initiative:**

**Tlaxcala indígena**

This project seeks to develop a documentary series for television, committed to the rescue of traditions and languages from the communities of Contla, Xicohtzinco, San Isidro Buensuceso, San Francisco Tetlanohcan, La Magdalena and Tlaltelulco, all in the state of Tlaxcala.



**Type of initiative:**

Academic



**Under the responsibility of:**

School of Humanities and Education



**Leader of initiative:**

María de los Ángeles Leal Peláez



**Campus:**

Puebla



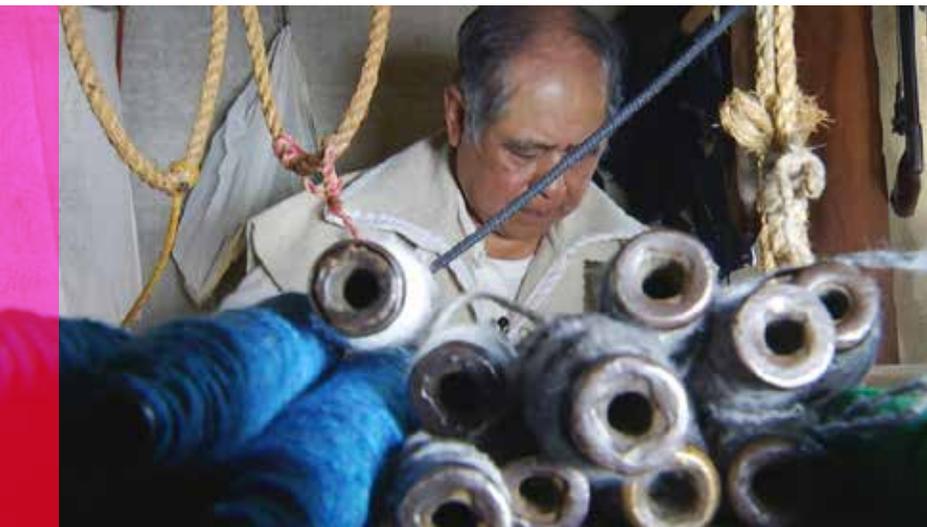
**State:**

Tlaxcala



**Beneficiary sector of the population:**

Rural communities, indigenous population, boys, girls, teenagers and senior citizens



**Type of initiative:**

Academic

**Under the responsibility of:**

School of Architecture, Art and Design

**Leader of initiative:**

Rebecca Elizabeth Torres

**Campus:**

Querétaro

**State:**

Querétaro

**Beneficiary sector of the population:**

Migrants in Tequisquiapan, Querétaro

**Initiative:****Activating collaboration to improve solidarity towards migrants at Home of the Migrant González & Martínez, A.C.**

This initiative had the students of the subject *Design Methods and Ethnography* approach the agenda of the migrant population in transit through Mexico, as well as advocates for human rights of this population, to design alternatives and activate the collaboration of three crucial actors for humanitarian attention: society, migrants, and the collaborators of the Home of the Migrant González & Martínez, A.C., in Querétaro.

For over 18 years, the home has supported migrants and refugees

on their basic needs, providing them with adequate guidance to strengthen, publicize, and protect their rights.

From an ethnographic research and an accesible, appropriate, and convincing proposition, students seek to respond to one of the three challenges posed:

- 1) Assistance of humans to humans.
- 2) Building new collaboration scenarios.
- 3) Changing the way in which people worry and provide assistance.



-  **Type of initiative:**  
Academic
-  **Under the responsibility of:**  
Business School
-  **Leader of initiative:**  
América Martínez Sánchez
-  **Campus:**  
Monterrey
-  **State:**  
Nuevo León
-  **Beneficiary sector of the population:**  
Persons with special needs

**Initiative:**  
**Inclusive leadership: raising awareness to include persons with special needs**

Initiative to create awareness in all the community, especially in the academic and student community, through an awareness and learning model for the inclusion of persons with special needs MIPS (Motor, Intellectual, Psycho-social, and Sensory), which in turn encourages the development of competencies of inclusive leadership.

The MIPS model is based on different principles such as equity, promotion of talent to the fullest, bonding and development of synergies, capitalization, continuous self-learning, among others, which foster inclusion in work, education, technological, and entrepreneurial environments, to mention a few.



**Initiative:**  
**Multidimensional estimate of descendants of indigenous populations and their application in the social development policies**

This project addresses the disparity in criteria for the multidimensional quantification of poverty in descendants of indigenous populations in Mexico, as posed in the General Law of Social Development (LGDS) in force. It also studies the possible impact on the formulation and evaluation of targeted public policies, especially those associated with the promotion of social development.

The external partners of this initiative are CONACyT, ICGDE BUAP, EDUCAL and the division of Social Sciences of the Research Institute of the University of Bucharest (ICUB) in Romania.

-  **Type of initiative:**  
Research
-  **Under the responsibility of:**  
School of Social Sciences and Government
-  **Leader of initiative:**  
Ignacio Ibarra López
-  **Campus:**  
Puebla
-  **State:**  
Puebla
-  **Beneficiary sector of the population:**  
Rural communities, women, migrants, senior adults, persons in vulnerable conditions and descendants of indigenous populations



**Type of initiative:**

Social service



**Under the responsibility of:**

Leadership Directorate and Student Formation



**Leader of initiative:**

Karina Hernández García



**Campus:**

Irapuato



**State:**

Irapuato



**Beneficiary sector of the population:**

Persons with special needs

**Initiative:**

**INTEGRATEC**

This is a two-week summer course in which Tec students collaborate with persons who live with autism, Asperger, hyperactivity, Down Syndrome, or impairments, in order to experience new living paradigms and promote inclusion in all communities.

The external partners of the initiative are Kokuka, Paralímpico Mi Sol, Círculo Especial, Colegio Pedro Martínez, Esc. Vasco de Quiroga, + 1. Francisco I. Madero, Fundación Conectando con su Mundo.



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 11 Sustainable cities and communities



# 43 SOCIAL INITIATIVES in the SDGs

## Sustainable cities and communities

Led mainly by:

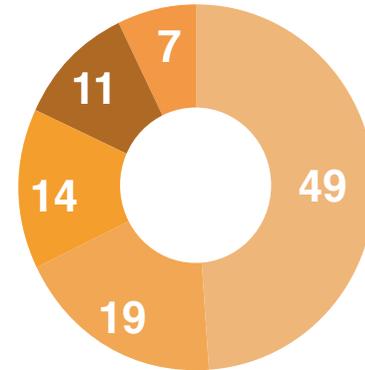
### SCHOOLS

School of Architecture, Art and Design	<b>28 %</b>
High School	<b>28 %</b>
Operations Vice-presidency	<b>9 %</b>
Tecmilenio University	<b>9 %</b>

### MAIN STATES ADDRESSED

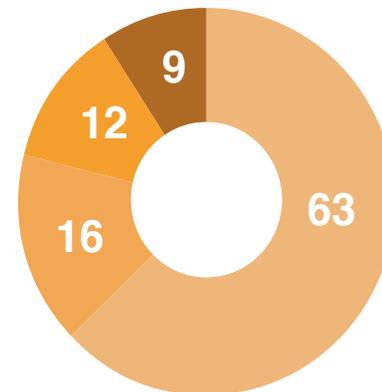


### TYPE OF INITIATIVE\*



- Academic: 49%
- Other: 19%
- Student volunteer service :14%
- Social service: 11%
- Institutional: 7%

### MAIN BENEFICIARY SECTORS \*



- Others: 63%
- Persons in vulnerable conditions: 16%
- Rural communities: 12%
- Boys, girls and teenagers: 9%

\*Graphs with percentages

**Type of initiative:**

Various

**Under the responsibility of:**

Various

**Leader of initiative:**

Various

**Campus:**

Various

**State:**

Several

**Beneficiary sector of the population:**

Persons living in urban marginalized areas

**Initiative:****TECHO (ROOF)**

The goal of this cooperation initiative is to turn deteriorated settlements into appropriate housing that is safe, affordable, and with access to basic and adequate services.

The volunteers travel to some of the most marginalized communities in all the country and engage in building emergency houses with wooden bases of approximately 200 square meters, and an estimated durability of 15 years. All the housing modules are built by the volunteers led by experts of the organization.



**Initiative:****Strategic project for the northern zone of the municipality of Querétaro**

Through a consultancy project with social impact, we are seeking to start debate and reflection, as well as the assumption of responsibilities, share knowledge, and create consensus for solutions regarding the hydrologic system that this municipality must share with urban zones and the problems that derive from this (specially during the rainy season).

The external partners of this initiative are: Asociación Colonos de Jurica, A. C., the civil group "El Grupo de los 6" and the Infrastructure State Commission.

**Type of initiative:**

Research

**Under the responsibility of:**

Vice-rectory of Continuous Education

**Leader of initiative:**

Paula Paola Barcena Mapi

**Campus:**

Querétaro

**State:**

Querétaro

**Beneficiary sector of the population:**

Rural communities and persons in vulnerable conditions

**Type of initiative:**

Academic

**Under the responsibility of:**

School of Architecture, Art and Design

**Leader of initiative:**

Mariana Maya López

**Campus:**

Querétaro

**State:**

Querétaro

**Beneficiary sector of the population:**

Rural communities, boys, girls, teenagers, women, migrants, senior citizens, and persons in vulnerable conditions

**Initiative:****Play Lab: collaborative design for social transformation 4th. edition 2019**

Students of Design and Architecture got together to help in the area of José el Alto in Querétaro, a region that is experiencing complex problems around irregular settlements.

We are currently working on the development of innovation propositions with social impact. At a later stage the closure will be done, contemplating the creation of a portfolio of the project and a business model for social innovation.

The external partners are the Ministry of Social Development, and the Municipal Government of Querétaro (who made a deposit of 200 thousand pesos for the development of this program).

**Initiative:**  
**PAKI**

This is an initiative designed to offer sustainable architectural solutions to the families who inhabit the Sierra Tarahumara in Chihuahua.

Their external partners are the Municipal Government and the Human Development and Education Directorate.



**Type of initiative:**  
Academic



**Under the responsibility of:**  
School of Architecture, Art and Design



**Leader of initiative:**  
Pablo Hernández Quiñones



**Campus:**  
Chihuahua



**State:**  
Chihuahua



**Beneficiary sector of the population:**  
Indigenous population and rural communities





**Type of initiative:**  
Institutional



**Under the responsibility of:**  
VP of Operations, VP de Relationships  
and Development



**Leader of initiative:**  
José Antonio Torre, Pedro Castillo Novoa



**Campus:**  
Mexico City



**State:**  
Mexico City



**Beneficiary sector of the population:**  
Population in general

### Initiative:

## Knowledge citizen district – Tlalpan

This initiative seeks to be an international landmark to generate ecosystems of human knowledge, materializing the urban right, through the transformation of the urban environment and the collaboration of the public, educational, and social sectors.

It is part of the reconstruction project of the Mexico City Campus, which aims not only at rebuilding the classrooms, but also at transforming the urban environment, including fifteen neighbourhoods of the Tlalpan municipality. The expected result is to have increased safety, more work options, and better knowledge of the neighbours.

The Mexico City Government, The Human Rights Commission of Mexico City, Universidad del Pedregal, UAM, UVM and ILCE, are their external partners.



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 12 Responsible consumption and production



# 10 SOCIAL INITIATIVES in the SDGs

## Responsible consumption and production

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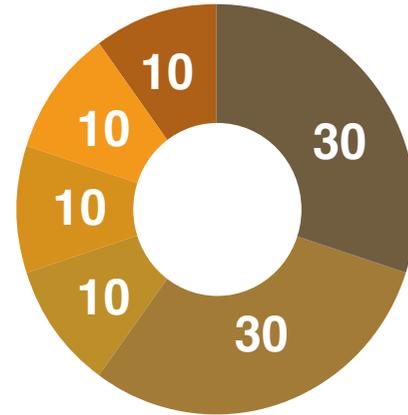
### SCHOOLS

Operations Vice-presidency	<b>30 %</b>
Business School	<b>20 %</b>
Tecmilenio University	<b>20 %</b>

### MAIN STATES ADDRESSED



### TYPE OF INITIATIVE\*



- Academic: 30%
- Institutional: 30%
- Research: 10%
- Student leadership: 10%
- Student volunteer service: 10%
- Collaborators volunteer serv: 10%

### MAIN BENEFICIARY SECTORS \*



- Tec Community: 30%
- Others: 30%
- Families: 10%
- Future professionals: 10%
- Boys, girls and teenagers: 10%
- Persons in vulnerable conditions: 10%

\*Graphs with percentages

-  **Type of initiative:**  
Academic
-  **Under the responsibility of:**  
Eugenio Garza Lagüera Entrepreneurship Institute
-  **Leader of initiative:**  
Janet A. Gutiérrez Uribe
-  **Campus:**  
Puebla
-  **State:**  
Veracruz
-  **Beneficiary sector of the population:**  
Rural communities and persons in vulnerable conditions in Coatepec, Veracruz

**Initiative:**  
**Semester i - “Moléculas del Millón”**

In partnership with Nestlé, and connected to Semestre i, students of Biotechnology of our institution attend dairy and coffee production communities, where, when they learn about the processes carried out by the coffee and dairy small-scale producers, propose technologically viable solutions with social entrepreneurship business models which can be scalable.

**Initiative:**  
**Subject with social impact: “Corporate Sustainability”**

Subject focused on generating a positive impact in the community and the environment, by institutionalizing sustainable practices on the research, operations, and study programmes of the school.

The subject is attended by students of the Master’s in Finance and the Master’s of Business Administration (MBA) in the Campuses in Mexico City, Monterrey, Guadalajara, and Querétaro, as part of the EGADE Sustainability Strategy Plan.

-  **Type of initiative:**  
Academic
-  **Under the responsibility of:**  
EGADE Business School
-  **Leader of initiative:**  
Christiane Andrea Molina Brockman
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Population in general



**Initiative:****Production and consumption actions under the responsibility of Tec de Monterrey**

Joint effort made by our institution for the responsible consumption and production of materials and resources, respectively, which enable the reduction of the environmental impact.

**1. Drinking fountains – Water fillers**

As part of the initiatives to reduce plastic and one-time use bottles, at Tec de Monterrey we have installed around 350 drinking fountains – water fillers, with which we have prevented the usage of over 900,000 PET bottles of 600 ml.

**2. Standardization of ecological stations for outdoors**

In order to comply with the mandatory environmental regulations, as well as to have a standardized and functional infrastructure in all campuses, we have defined an outdoors waste separation system at national level, of which we will further on study the level of efficiency.

**3. Integral management of wastes**

In order to comply with the General Law of Prevention and Integral Management of Wastes, our campuses have temporary warehouses for dangerous and special handling wastes. These spaces meet law requirements and promote the hygiene and safety of the campus' population.

**Type of initiative:**

Institutional

**Under the responsibility of:**

VP of Operations

**Leader of initiative:**

María José Ceja Ahumada

**Campus:**

Various

**State:**

Several

**Beneficiary sector of the population:**

Population in general

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 13 Climate action



# 21 SOCIAL INITIATIVES in the SDGs

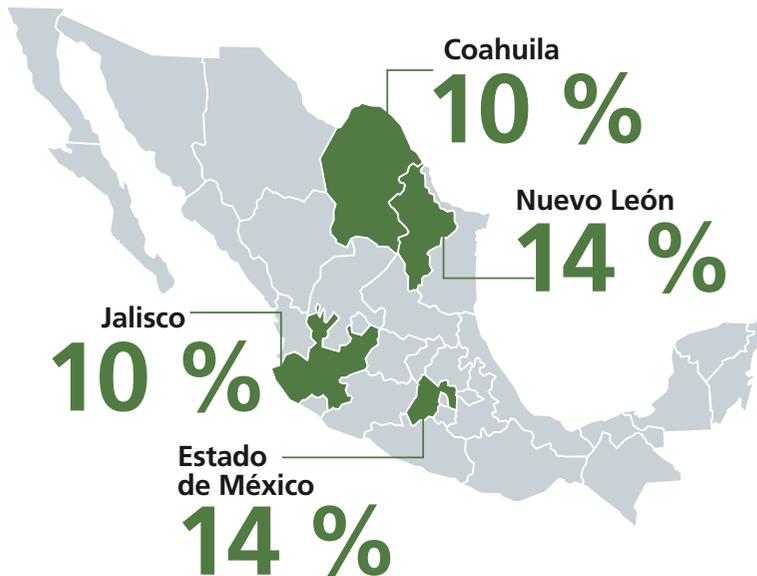
## Climate action

Led mainly by:

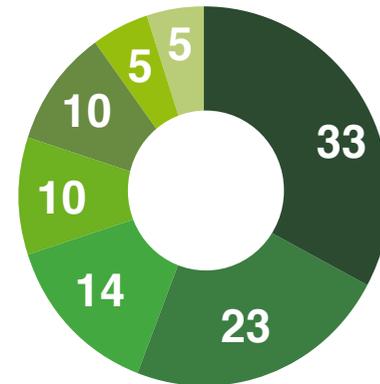
**SCHOOLS**

Tecmilenio University	<b>33 %</b>
High School	<b>29 %</b>
Vice-presidency of Relationships and Development	<b>10 %</b>

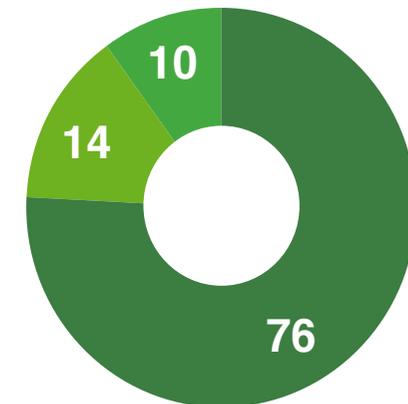
### MAIN STATES ADDRESSED



### TYPE OF INITIATIVE\*



### MAIN BENEFICIARY SECTORS \*



\*Graphs with percentages

**Initiative:****Reforestation and care of natural resources**

In the period 2018 - 2019, our institution and its community did great efforts to achieve a more sustainable world, through activities that preserve green areas and natural resources, as well as the promotion of conscious and ecological collaboration. Here are some of these actions:

**1. EXATEC (Alumni) World Day - Campus Toluca**

Project by Campus Toluca which summons students, faculty, alumni, and collaborators, to work on socio-environmental impact activities, such as the reforestation of 2,000 trees done in the period 2018-2019.

In this activity the following organizations and private companies have been involved: Tlálloc Foundation, Government of the State of Mexico, Federal Electricity Commission, Federal Police ascribed to Valle de Toluca, Trösten Transport, Bistró Mecha and RAMC Industrial.

This EXATEC initiative is directed to the rural communities of Zinacantepec and Nevado de Toluca in the State of Mexico, and it is the responsibility of the Vice-presidency of Relationships and Development.

**Leader of Initiative:** Fidel Jalil Torres Valle

**2. TECXZAPA: reforestation at Sierra de Zapalinamé**

TECXZAPA is an environmental initiative that summons High School students to participate in the reforestation of the Sierra de Zapalinamé (Zapalinamé Mountain Range), in Coahuila. Additionally, it enables to attend a conference about the relevance of taking care of natural resources and adopting a tree.

This students volunteer service initiative is the responsibility of PrepaTec Campus Saltillo and their external partner is "Apoya tu Bosque Local" (Support your local forest).

**Leader of Initiative:** Ana Cristina Gracia Rumayor

### 3. Madín Dam Reforestation

This is a reforestation campaign that has been in force since 2018. High School students come to clean, plant, and preserve the vegetation of the Madin Dam in Atizapán: their efforts add up to 800 new trees in the area.

This academic initiative is aimed at boys, girls, teenagers, women and senior citizens of Atizapán de Zaragoza, State of Mexico . It is the responsibility of PrepaTec Campus State of Mexico .

**Leader of Initiative:** Noemí Romo González

### 4. Reforestation of Azumiatla

Project of the course *Leadership* for social development of our High School system, whose goal is the reforestation of the Azumiatla zone in Puebla. So far, 300 oak-lemon trees have been planted.

The academic initiative is aimed at the rural communities of Puebla, and it is under the responsibility of PrepaTec in the same state.

**Leader of Initiative:** Karol Christian Herrera Valencia

### 5. Ethical responsibility in the world

As part of the subject Ethics, Profession, and Citizenship several of our students in Guadalajara got training in urban reforestation. Then, they planted different trees in order to rekindle part of the Urban Forest of Extra.

This academic initiative is aimed at the public in general in Zapopan Jalisco, and it is under the responsibility of the School of Humanities and Education of Campus Guadalajara.

**Leader of Initiative:** José Carlos Vázquez Parra

### 6. Together for a green capital city

Initiative where our students join in the reforestation events programmed by the General Directorate of the Environment in Toluca, with the objective of promoting sustainability and improving both, the urban landscape, and the life quality of the people of Toluca, who experience high index levels of air pollution.

It is a social service, aimed at the population in general, and it is under the responsibility of the area of Ethics and Citizenship Formation of the School of Humanities.

**Leader of Initiative:** Karina Zazueta



**Type of initiative:**  
Academic

**Under the responsibility of:**  
School of Engineering and Sciences

**Leader of initiative:**  
Gabriela Ortiz Martínez

**Campus:**  
Monterrey

**State:**  
Nuevo León

**Beneficiary sector of the population:**  
Undergraduate students of the metropolitan area of Monterrey

**Initiative:**  
**Pool Car**

It consists of encouraging car pooling in order to decrease pollution, by offering the incentive of priority in parking spaces at the campus.

**Type of initiative:**  
Volunteer service, research

**Under the responsibility of:**  
Eugenio Garza Lagüera  
Entrepreneurship Institute

**Leader of initiative:**  
Patricia Cuevas Servín

**Campus:**  
Various

**State:**  
Several

**Beneficiary sector of the population:**  
Population sectors such as early childhood, boys, girls, teenagers, women, migrants, Senior adults, y Persons in vulnerable conditions of rural communities or in irregular settlements

**Initiative:**  
**XIGNUX CHALLENGE**

In order to counteract the problems of air quality in urban areas, and in alliance with the Xignux Foundation, we have designed a platform for our students, of all programs and all levels, to propose innovative solutions.

The initiative has been addressing the air quality problem from a youth perspective for two years.

**Type of initiative:**  
Volunteer service

**Under the responsibility of:**  
Tecmilenio University

**Leader of initiative:**  
Andrea García Minchaca, David Rosado Sánchez, Cinthya Reyes, María Elena Dorrieta, Martha Elena Guadarrama, Mary Carmen Aguilar

**Campus:**  
Ferrería, Guadalajara Norte (Zapopan), Guadalajara Sur, Mérida, Querétaro, Toluca, Veracruz

**State:**  
Estado de México, Jalisco, Querétaro, Veracruz, Yucatán

**Beneficiary sector of the population:**  
Population in general women, migrants, Senior adults, y Persons in vulnerable conditions of rural communities or in irregular settlements

**Initiative:**  
**Reforestation and greenhouse**

Tecmilenio carried out reforestation efforts in different parts of the country, planting trees in neighbouring communities to several campuses.

Additionally, a greenhouse was set up in Campus Veracruz in order to increase the green areas in the campus, and to contribute with the environment.

**Initiative:****Alliance for Climate Action – Monterrey**

The World Wildlife Fund (WWF) and Tec de Monterrey, as strategic partner, launched the Alliance for Climate Change in the metropolitan area of Monterrey (ACA-MTY) with the objective of reducing the impact of climate change, adapting to the needs that derive from it, and positioning the agenda of climate crisis in Nuevo León.

ACA-MTY is made up by 40 organizations and institutions, whose main goal is to achieve the collaboration of local governments, the private sector, scholars, and the civil society, in order to face the challenges of the global climate crisis.

Some of their commitments are:

- Make the commitments of climate actions visible.
- Improve and scale current climate actions and commitments.
- Be consistent inside their institutions by implementing climate actions in their operation and day-to-day activities.
- Form a common front to work jointly with the Federal Government, looking for different opportunities that will enable to increase the ambition of the commitments established in the Paris Agreement, and direct public politics towards contributing to the climate actions of the ACA-MTY.
- Circulate information that contributes to reinforce the environmental and climate action culture in Nuevo León, as well as to make those commitments visible.

**Type of initiative:**

Institutional

**Under the responsibility of:**

VP de Relationships and Development

**Leader of initiative:**

Cynthia Villarreal Muraira

**Campus:**

Monterrey

**State:**

Nuevo León

**Beneficiary sector of the population:**

Population in general



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 14 Life below water



# 5 SOCIAL INITIATIVES in the SDGs

## Life below water

Led mainly by:

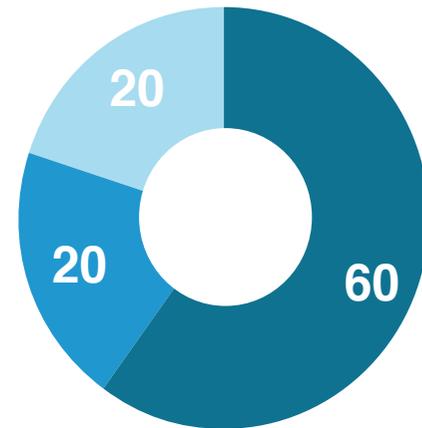
### SCHOOLS

Tecmilenio University	60 %
School of Social Sciences and Government	20 %
Business School	20 %

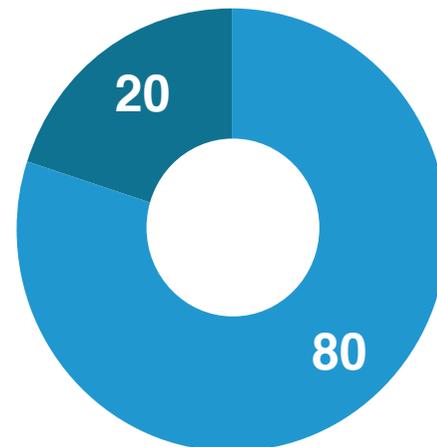
### MAIN STATES ADDRESSED



### TYPE OF INITIATIVE\*



### MAIN BENEFICIARY SECTORS \*



\*Graphs with percentages



**Type of initiative:**  
Academic



**Under the responsibility of:**  
School of Social Sciences and Government



**Leader of initiative:**  
Guillermo Gándara Fierro



**Campus:**  
Monterrey



**State:**  
Baja California Sur



**Beneficiary sector of the population:**  
Rural communities

**Initiative:**

**Blue Sea: planning and innovation for strategic sustainability**

Students of *Semestre I* of Campus Monterrey collaborated with different fishing communities of Baja California Sur, to identify problems related to the non-sustainable use of sea resources and the study of management models of the latter in regions such as El Manglito, Cabo Pulmo and laguna San Ignacio.

The challenge consisted of analyzing and proposing improvements to the sustainable fishing model in order to strengthen the management, production and commercialization skills that fishermen use, through problem-solving, modeling scenarios, and social entrepreneurship with a strategic, interdisciplinary, and prospective approach.

This Project is a trigger to accomplish full fishing sustainability in the coastline of Baja California Sur.



**Initiative:****Protection of the blue crab and turtles release in Lechuguillas, Veracruz**

In cooperation with the local government, TecMilenio University designed a protection and turtles release scheme in the beach of Lechuguillas, Veracruz; they also offered support in the protection campaigns of the blue crab.

**Type of initiative:**

Social entrepreneurship

**Under the responsibility of:**

Business School, Eugenio Garza Lagüera Entrepreneurship Institute

**Leader of initiative:**

Romain Pouzou

**Campus:**

Querétaro

**State:**

Querétaro

**Beneficiary sector of the population:**

Population in general

**Type of initiative:**

Volunteer service

**Under the responsibility of:**

Tecmilenio University

**Leader of initiative:**

Mary Carmen Aguilar

**Campus:**

Veracruz

**State:**

Veracruz

**Beneficiary sector of the population:**

Population in general

**Initiative:****Global Entrepreneurship Summer School (GESS)**

At Campus Querétaro we welcomed 35 students from all over the world to work, throughout 7 days, in the solution of conflicts related to ocean masses, by generating cost-effective models that are also self-sustainable.

GESS is an annual programme being implemented in four venues in the world: Cape Town, Munich, Shanghai and Querétaro. Their external partners are Habitantes del Río A.C., Connovo, Endémica, Teocao and Griyum.



# 15

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# Life on land



# 10 SOCIAL INITIATIVES in the SDGs

## Life on land

Led mainly by:

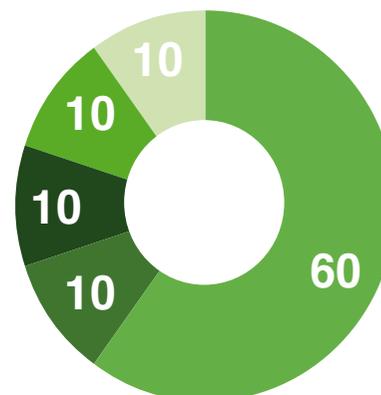
### SCHOOLS

Tecmilenio University	70 %
School of Engineering and Sciences	10 %
Business School	10 %
Others	10 %

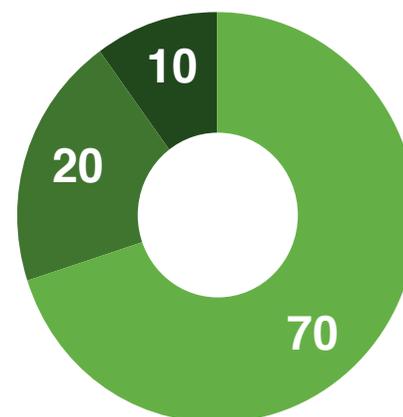
### MAIN STATES ADDRESSED



### TYPE OF INITIATIVE\*



### MAIN BENEFICIARY SECTORS \*



\*Graphs with percentages



**Type of initiative:**

Student volunteer service



**Under the responsibility of:**

School of Engineering and Sciences



**Leader of initiative:**

Margarita Amor Martínez Gil



**Campus:**

Monterrey



**State:**

Nuevo León



**Beneficiary sector of the population:**

Population in general

**Initiative:**

**Let's clean our country:  
you and I make the difference**

This is a movement that incorporates the participation of different social sectors in order to promote a sustainability culture in the community and to tackle the environmental problems of the area. Its objective is to be a platform to find solutions related to climate change and create tangible actions aligned to the 17 United Nations SDG'S and the 2030 agenda.

One of its outputs was the proposal to clean the Pesquería River, made by the Student Society of Engineering in Sustainable Development of Tec de Monterrey, and the Foundation Enrique Yturria, A. B. P.



**Initiative:****Social Shield Campaign**

This is a support for the socio-environmental campaign *The Nevado we want towards 2030*, which seeks the ecological commitment of the citizens of the región, through the development of an app connected to the Social Shield platform.

A well-informed and assertive participation is key to increase the culture of social comptroller around the Xinantécatl (name given to the volcano), symbol of entity to those who inhabit the Toluca Valley.

**Type of initiative:**

Student leadership

**Under the responsibility of:**

Leadership Directorate and Student Formation

**Leader of initiative:**

Karina Zazueta

**Campus:**

Toluca

**State:**

Estado de México

**Beneficiary sector of the population:**

Population in general

**Type of initiative:**

Academic

**Under the responsibility of:**

Business School

**Leader of initiative:**

Lilia Patricia López Vázquez

**Campus:**

Morelia

**State:**

Michoacán

**Beneficiary sector of the population:**

Population in general

**Initiative:****Innovation in the value chain - Benito Juárez Zoo Park**

Students of the course *Management and Leadership* worked with union staff of the zoo in the City of Morelia, in order to generate improvement proposals in the public services of the facility, as well as in the quality with which the species are sheltered.

SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 16 Peace, justice and strong institutions



# 38 SOCIAL INITIATIVES in the SDGs

## Peace, justice and strong institutions

Led mainly by:

### SCHOOLS

School of Social Sciences and Government **32 %**

Humanities Ethics and Citizenship Formation **13 %**

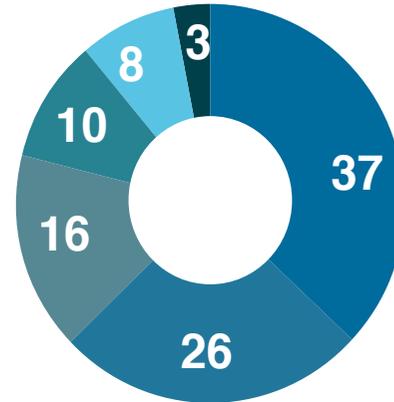
Leadership Directorate and Student Formation **11 %**

Business School **11 %**

### MAIN STATES ADDRESSED

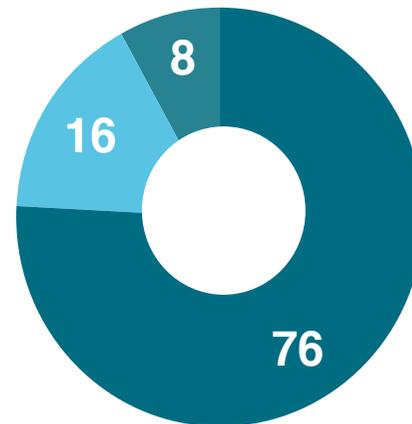


### TYPE OF INITIATIVE\*



- Academic: 37%
- Social service: 26%
- Other: 16%
- Student leadership : 10%
- Institutional: 8%
- Social entrepreneurship: 3%

### MAIN BENEFICIARY SECTORS \*



- Others/Various: 76%
- Boys, girls and teenagers: 16%
- Persons in vulnerable conditions: 8%

\*Graphs with percentages



**Type of initiative:**

Academic, social service



**Under the responsibility of:**

School of Social Sciences and Government



**Leader of initiative:**

Luz Gabriela Aldana, Juana Miranda, Pedro Elizalde, Vibiana Agramont, Juan José Tena



**Campus:**

Mexico City, Estado de México, Guadalajara, Monterrey, Morelia



**State:**

Mexico City, Estado de México, Jalisco, Nuevo León, Michoacán



**Beneficiary sector of the population:**

Low-income resources communities in urban marginalized areas

**Initiative:**  
**BUFETEC**

Social project developed by Law School students, and Law and Political Science students of our institution, which has come into existence as a pro-bono legal service structure: nearly 206 students offer tax, labor, criminal and commercial consultancy.



**Initiative:****Voice of the victims**

This project is an initiative from the School of Social Sciences and Government whose objective is to meet three main goals:

**1. Training**

The intention is to have thirty-two workshops on oral litigation skills, in five campuses of Tec de Monterrey, for hundreds of law students, professors, public officials in the justice area, and practicing lawyers.

**2. Strengthening**

The goal is the implementation of legal clinics with assistance for victims in five campuses of Tecnológico de Monterrey (Chihuahua, Mexico City, Monterrey, Toluca and Puebla). Students trained in oral litigation competencies will be exposed to cases where the victims need defense within the Accusatory Penal System, model which resulted in the creation of the Legal Service Center (CESEJ in Spanish).

**3. Disseminating**

The goal is to disseminate the project and its results, through conferences, educational forums, and the media, in order to create awareness in the population and communicate the services offered.

This is a joint project between our institution and the counterpart division of Arizona State University, Sandra Day O'Connor College of Law Center for Law and Global Affairs.

Other external partners are Casa ANTHAUS, Civil Justice (Justicia Ciudadana) in Puebla, the Department of the United States through the Mérida initiative funding the project, additional to State Prosecution Services, the Supreme Court of Justice of the State of Mexico, and the Legal Counseling Office (Consejería Jurídica) in the same state.

**Type of initiative:**

Academic, social service

**Under the responsibility of:**

School of Social Sciences and Government

**Leader of initiative:**

Doreen Vorndran

**Campus:**

Monterrey, Chihuahua, Mexico City, Toluca, Puebla

**State:**

Nuevo León, Chihuahua, Mexico City, Estado de México, Puebla

**Beneficiary sector of the population:**

Persons in vulnerable conditions



**Initiative:**

**Legal center at Tecnológico de Monterrey**

Law students at Campus Chihuahua prove their co-responsibility with the community by offering an excellent, pro-bono, ethical service that promotes well-being and social justice. Participants bring guidance, make recommendations, and carry out different actions to solve problems in the civil-family areas. They then follow the cases up until these are solved, inside or outside trial.



**Type of initiative:**

Academic, Social service



**Under the responsibility of:**

School of Humanities and Education - Ethics and Citizenship Formation



**Leader of initiative:**

Amaro Sanfeliz de Vega



**Campus:**

Chihuahua



**State:**

Chihuahua



**Beneficiary sector of the population:**

Persons in vulnerable conditions



**Type of initiative:**

Academic

**Under the responsibility of:**

School of Social Sciences and Government

**Leader of initiative:**

Shaye Suzanne Worthman

**Campus:**

Puebla

**State:**

Puebla

**Beneficiary sector of the population:**

Indigenous rural communities and persons in vulnerable conditions

**Initiative:****Community consultants who generate public policies in indigenous communities of Cuetzalan**

Thirty students, from seven campuses and thirteen different undergraduate programs, conducted two collaborative diagnosis about the economic and social needs in the indigenous communities of Tepetitán and Tajkuilol in Zacatipan, Cuetzalan, Puebla, which will be integrated to the *Municipality Development Plan (Plan Municipal de Desarrollo)* in the 2018-2020 period.

The external partner of this initiative is the Town Hall of Cuetzalan del Progreso, Puebla.



**Initiative:**  
**Finding identities**

This initiative consists of helping people in vulnerable areas of the state of Guanajuato, to obtain their right of identity and birth certificate, through their accompaniment and processing.

The external partners of the initiative are the Civil Registration Office of the State Government, DIF, and the Municipal Government through the Plaza de la Ciudadanía (Civic Office).



**Type of initiative:**  
 Academic



**Under the responsibility of:**  
 School of Humanities - Ethics and  
 Citizenship Formation



**Leader of initiative:**  
 Andrea Ludmila González Polak



**Campus:**  
 León



**State:**  
 Guanajuato



**Beneficiary sector of the population:**  
 Persons in vulnerable conditions, early  
 childhood, boys, girls, teenagers and  
 women of León, Guanajuato



**Type of initiative:**

Institutional

**Under the responsibility of:**

School of Social Sciences and Government

**Leader of initiative:**

María de los Ángeles Estrada González

**Campus:**

Various

**State:**

Several

**Beneficiary sector of the population:**

Population in general

**Initiative:****Initiative for transparency and anti-corruption**

The initiative was created in 2018 and it is part of the School of Government and Public Transformation of Tec de Monterrey. It is an institutional effort to generate a proficient citizenship, committed to transparency, accountability, honesty, integrity, prevention, and combating corruption.

The external partners of this initiative are the Executive Secretariat of the National Anti-corruption system (SESNA), the Legal Research Institute of UNAM (IIJUNAM), the Observatory of Corruption and Impunity of IIJUNAM, Citizens' Council of Nuevo León, Karewa, A.C., Zero Impunity (Impunidad Cero), A.C., Mexican Transparency (Transparencia Mexicana), A.C., and Mexicans against Corruption and Impunity (Mexicanos contra la corrupción y la Impunidad), A.C.



SUSTAINABLE DEVELOPMENT GOAL ADDRESSED

# 17 Partnerships for the goals



# 37 SOCIAL INITIATIVES in the SDGs

## Partnerships for the goals

Led mainly by:

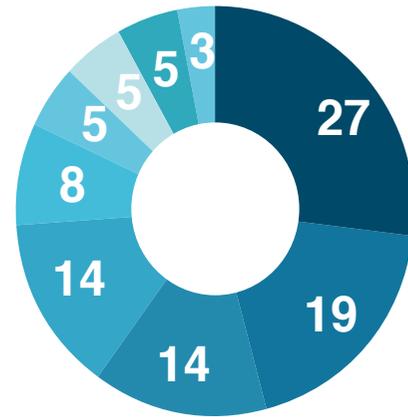
### SCHOOLS

Business School	<b>22 %</b>
EGADE Business School	<b>11 %</b>
School of Humanities and Education	<b>11 %</b>
Vice-presidency of Relationships and Development	<b>11 %</b>
Tecmilenio University	<b>5 %</b>

### MAIN STATES ADDRESSED

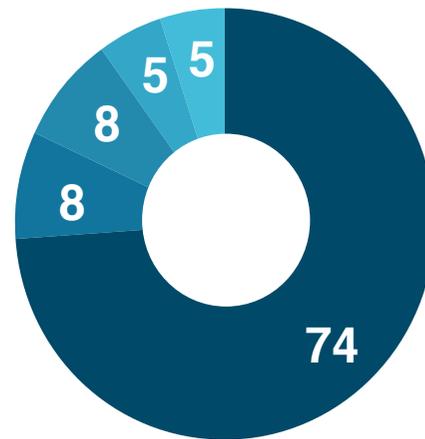


### TYPE OF INITIATIVE\*



- Social entrepreneurship: 27%
- Academic: 19%
- Other: 14%
- Institutional: 14%
- EXATEC: 8%
- Social service: 5%
- Student volunteer service: 5%
- Research with social impact: 5%
- Student leadership: 3%

### MAIN BENEFICIARY SECTORS \*



- Others: 74%
- Boys, girls and teenagers: 8%
- Social entrepreneurs: 8%
- Youth: 5%
- Persons in vulnerable conditions: 5%

\*Graphs with percentages

-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
School of Humanities and Education
-  **Leader of initiative:**  
Angélica Padilla Quintanar
-  **Campus:**  
Various
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Children of public elementary schools

**Initiative:**  
**Voluntary service of Tec de Monterrey Program**

The Day of TEC voluntary service aims at raising awareness in our institution's community (collaborators, students, EXATEC, family and friends of the TEC), by participating in activities that promote empathy, integrity, inclusion, and commitment.

Students, EXATEC (alumni), professors, collaborators, family and Tec friends, go to public schools to help in the refurbishment of the facilities, with the aim of improving the learning environment of the students, and the experience of all the community that is related with the school.

These actions can be accomplished with the help of many external partners that collaborate with Tec de Monterrey.



**Initiative:**  
**SDGs Initiative at Tec**

It intends to project everything that is done at the Tec in the areas of teaching, research, counseling, and public policies, as well as in the Sustainable Development Solutions Network (SDSN).

Its external partners are Global SDSN, the United Nations, UNAM, several NGOs, the Office of the Presidency of the Republic, advanced research institutions connected to the SDSN, and companies of the private sector.

-  **Type of initiative:**  
Institutional
-  **Under the responsibility of:**  
School of Social Sciences and Government
-  **Leader of initiative:**  
Miguel Ruiz Cabañas Izquierdo
-  **Campus:**  
Santa Fe
-  **State:**  
Several
-  **Beneficiary sector of the population:**  
Population in general

 **Type of initiative:**  
Research

 **Under the responsibility of:**  
School of Humanities and Education,  
School of Social Sciences and  
Government

 **Leader of initiative:**  
José Carlos Vázquez Parra

 **Campus:**  
Guadalajara

 **State:**  
Several

 **Beneficiary sector of the population:**  
Population in general

**Initiative:**  
**Stories about sustainability**

Throughout 2018, we coordinated an editorial project that includes the reflection of over twenty scholars of several national and international universities, in order to generate a printed product that will be used in the reflection of the SDGs of the academic and social areas.

Its impact has turned it into a book that is present in state libraries and some NGOs, it has also become a reference text about Sustainable Development Goals.

The external partner of this initiative is the United Nations Development Programme (UNDP).

**Initiative:**  
**Designation of Campus Guadalajara as “Changemaker Campus” for Ashoka U**

The consortium of *Changemaker Campus* of Ashoka U is a global network of leading colleges and universities that foster social innovation in their campuses and communities. Only 45 colleges and universities have received this distinction around the world.

Since 2001, our Campus Guadalajara was included in this group, becoming the first in Mexico and Latin America.

 **Type of initiative:**  
Institutional, social entrepreneurship

 **Under the responsibility of:**  
Business School, Eugenio Garza Lagüera  
Entrepreneurship Institute

 **Leader of initiative:**  
Violeta Sandoval Chapa

 **Campus:**  
Guadalajara

 **State:**  
Jalisco

 **Beneficiary sector of the population:**  
Boys, girls, teenagers y youth

 **Type of initiative:**  
Social entrepreneurship

 **Under the responsibility of:**  
Eugenio Garza Lagüera Entrepreneurship Institute

 **Leader of initiative:**  
Jairo Abraham Ruiz Nava

 **Campus:**  
Various

 **State:**  
Several

 **Beneficiary sector of the population:**  
Early childhood, boys, girls, teenagers, women, migrants, senior citizens, persons in vulnerable conditions, persons with special needs and rural communities

**Initiative:**  
**Hub of innovative social entrepreneurship**

Platform detonated by students, which supports the creation of social entrepreneurship projects through a flexible model, where each module can be taken independently, according to the needs of the project.

It relies upon important partners such as Social Business Consultant Firm, CONNOVO, Endémica in Querétaro, Urbano y Enlace + in Puebla, Pixza, Laboratoria, Grupo Murlota, Esmex, Kaya en CDMX, TECHO, Las Colmenas and Ashoka in Guadalajara.

Currently there are eight *hubs* of innovating social entrepreneurship operating in Campus Monterrey, State of Mexico, Querétaro, Guadalajara, Puebla, Toluca, León and Chihuahua. During 2019, 183 projects were triggered at a national level, with the participation of 408 students.

**Initiative:**  
**Summit of entrepreneurship and social innovation INCmty**

The initiative aims at inspiring the community to consider social entrepreneurship as a means for positive social impact. It additionally creates strategic meeting points which enable the development of collaborative networks oriented to the strengthening of entrepreneurs and their initiatives, by providing tools, funding, and connection to resources.

 **Type of initiative:**  
Social entrepreneurship

 **Under the responsibility of:**  
VP of Strategic Projects of Entrepreneurship, Eugenio Garza Lagüera Entrepreneurship Institute

 **Leader of initiative:**  
Jairo Abraham Ruiz Nava

 **Campus:**  
Various

 **State:**  
Several

 **Beneficiary sector of the population:**  
Early childhood, boys, girls, teenagers, women, migrants, senior citizens, persons in vulnerable conditions, persons with special needs and rural communities

**Type of initiative:**

Academic

**Under the responsibility of:**

VP of Strategic Projects of Entrepreneurship , Eugenio Garza Lagüera Entrepreneurship Institute

**Leader of initiative:**

Jairo Abraham Ruiz Nava

**Campus:**

Various

**State:**

Several

**Beneficiary sector of the population:**

Early childhood, boys, girls, teenagers, women, migrants, senior citizens, persons in vulnerable conditions, persons with special needs and rural communities irregular settlements

**Initiative:****Entrepreneurship challenge with humane sense**

This raising-awareness challenge permeates to more than 12,000 students of the first and second semester of undergraduate programmes. The goal is to enable them to identify opportunities that need innovative solutions, and to get the necessary resources for them. Additionally, it aims at students' development of tolerance to risk and uncertainty, and for them to learn from failure.

Over 1,000 professors, mentors, and EXATEC (alumni), gave their support to the students and to the ninety-three resulting projects, which were fueled by the crowdfunding system.



**Type of initiative:**  
Research

**Under the responsibility of:**  
School of Engineering and Sciences

**Leader of initiative:**  
Mario Manzano (Tec), Héctor González (CEMEX)

**Campus:**  
Monterrey

**State:**  
Several

**Beneficiary sector of the population:**  
Early childhood, boys, girls, teenagers, women, migrants, senior citizens, persons in vulnerable conditions, persons with special needs and rural communities

**Initiative:**  
**CEMEX-TEC Center for the development of sustainable communities**

This is a project with over nine years of work that promotes sustainability in communities, through research, innovation and entrepreneurship actions, to improve the quality of life in rural and private environments, by means of the relationship with the Academia, civil society, and the public and private sectors.

It is funded by the company CEMEX–Corporate Social Responsibility, and it has carried out several studies in different states such as Oaxaca, Nuevo León, Jalisco, San Luis Potosí, Hidalgo, State of Mexico, Puebla and Chiapas.

**Initiative:**  
**Diploma Course of Professionalization of the NGOs**

It focuses on promoting the development and professionalization of the non-governmental organizations of the state of Nuevo León to improve their development and the way they relate to the communities they look after.

Their external partner is the Ministry of Social Development of Nuevo León.

**Type of initiative:**  
Academic

**Under the responsibility of:**  
EGADE Business School

**Leader of initiative:**  
Luis Eduardo Islas Cuevas

**Campus:**  
Monterrey

**State:**  
Nuevo León

**Beneficiary sector of the population:**  
Population in general and Non-governmental organizations of Nuevo León



**Type of initiative:**  
Social entrepreneurship



**Under the responsibility of:**  
Business School, Eugenio Garza Lagüera  
Entrepreneurship Institute



**Leader of initiative:**  
Romain Pouzou



**Campus:**  
Querétaro



**State:**  
Querétaro



**Beneficiary sector of the population:**  
Non-governmental organizations

**Initiative:**

**Program of social sustainable transformation**

It enables non-governmental organizations in Querétaro, to generate a business model that will allow them to be partially independent in donations, to become social companies with self-funding capacity. They currently have the first generation with six organizations.

Their external partner is Fundación Merced.



Inés Sáenz Negrete

Vice-President of Inclusion,  
Social Impact and Sustainability.



Cynthia María  
Villarreal Muraira

Engagement and  
Social Impact Director.

# There is still a long way to go...

These actions are just a small sample of what we are doing every day at Tec de Monterrey, in our classrooms, and in our campuses, but mostly, what we are doing outside in the communities and with society.

The dedication, commitment, and passion for service of each person participating materializes in generous acts which are making our country a better place to live in everyday.

As an institution of society, we take the co-responsibility not to leave anyone behind, and for the future generations to enjoy a clean and healthy planet.

There is still a long way to go so that we can all live in a fair society and a sustainable world. But everyday, there will be more of us joining in efforts to do more and better actions.

Thank you to all our students, professors, collaborators, EXATEC (alumni), families, friends, and partners, for being part of this process. Thank you to all the persons, entities, and institutions that collaborate with the TecCommunity and inspire us to be better everyday.

Let us continue joining forces!

# Initiatives and contact

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## **By their side (Metepéc)**

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## **By their side with humane sense: Foundation Paris - México**

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## **Embrace them with your heart 2019**

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## **Let's keep Mexico warm**

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## **Universal accessibility in the spaces of the campuses**

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## **Ethical action**

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## **Volunteer service actions**

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## **Joining a businessman**

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## **Collection of recyclable material**

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## **Activation Find the corrupt one 2019**

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## **Activating collaboration to improve solidarity towards migrants at the Migrants House González y Martínez, A.C.**

- Rebeca Elizabeth Torres Castanedo - rebeca.torres@tec.mx **Activity of intern doctors at Health Centers in rural communities in Nuevo León**

-Dr. Fernando Ayala Aguilera - dr.ayala@tec.mx

## **Activities Community II**

-Lucía Aidée Robles García - larobles@tec.mx Residents **activities of Multicenter Program of Medical Specialties**

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## **Social Aquaton**

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## **Affiliation of EGADE to the PRME Reporter system of the UN**

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## **Agenda for the municipal development**

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## **Agua viva**

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## **Aim2Flourish Initiative**

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## **Literacy**

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## **Anticancer partnership 2018-2019**

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## **Partnership for Climate Action - Monterrey**

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## **Partnership and logistics: Actions for Mexico**

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## **Love and joy**

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## **analysis of the consumption of bottled drinks**

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## **Support for Búú, A.C.**

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## **Support for Canine Heart , A.C.**

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## **Support for victims**

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## **Support for entrepreneurs on credits petition**

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## **Support for Foundation Plan**

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## **Supporting Mexicanísima, A.C.**

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## **Support for Micro entrepreneurs**

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## **funds collection for Learning together 2019**

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## **Support for rehab and personalized therapies Support for the Animal Well-being and Control Center**

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## **Support for the association Count on Us**

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**Medical attention at the San Gilberto Health Center**

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**Medical attention at Destellos de Luz**

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**Medical attention given at the Integral Health Center**

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**Orthodontist attention to patients with Down Syndrom**

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**Dare to live it – United we are Equal**

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**Happy classrooms (Las Torres)**

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**Happy classrooms (Zapopan)**

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**Axios**

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**Axios Mission Woman, A.C.**

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**Axt@Teen 4.0**

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**Help them go on 2019**

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**Food Bank**

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**Bank of lids against cancer**

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**BBVA Momentum (2018-2019)**

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**Water fountains – Water fillers**

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**Scholarship for women in Master's in Finance**

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**Scholarship for public workers in Master's in Finance**

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**Exchange scholarships – Philantropy Committee**

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**Mobile library**

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**Bulletin of Social entrepreneurship**

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**Camp Discover and learn:****inclusion and accesibility**

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**Summer camp**

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**Entrepreneurship camp**

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**Ant camp at Gral. Zaragoza**

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**Campaign Buxa X The seas**

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**Campaign for the use of condoms**

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**Vaccination campaign**

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**Social shield campaign**

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**Reforestation campaigns**

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**Training in Spanish and Mathematics for Mexicans and Latin Americans in New York**

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**Training in evacuations and rescue**

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**Training: Fires and fire-extinguishers**

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**Training: First Aid**

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**Training: Security and earthquake protocols**

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**PrepaTec race**

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**Zero waste: transforming life in Chiapas**

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**Zero waste**

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**International certification in Education for Peace**

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**Changemaker Day: Ashoka**

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**Talks on human dignity**

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**Chic@s Code: Scalable Game Design Mexico**

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**Conferences cycle Foreseeing in your company**

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**Citris**

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**Young citizens: DCA Mexico (Guadalajara)**

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**Young citizens: DCA Mexico (Monterrey)**

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**Summer class Funds procurement: sustainability with impact for the CSOs in the border**

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**Classes with a purpose**

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**English lessons - SEDENA**

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**Technology lessons**

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**Blankets DIF**

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**Collecting for inmates 2019**

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**Collection of clothes and canned food**

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**Collection of lids**

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**food for the San Francisco de Asís home**

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**Combining science and entrepreneurship**

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**Love Soup Kitchen**

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**Soup Kitchen My hand with you**

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**Berea Soup Kitchens**

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**Share art**

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**National competition of entrepreneurship projects and social entrepreneurship**

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**Committed Challenge: Ashoka**

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**Computers for all**

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**CoNaVi 2018-2019**

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**Concausa: Creating**

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**Photography Contest ODS**

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**Connecting**

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**“What is virtual is real: let us have free of violence schools on line” and workshop “Attention of cases of digital violence”**

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**Conference “Violence, types and modalities”**

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**Civic Council How are we doing Nuevo León**

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**Construction of wastewater treatment plants**

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**Construction of myo-electric prosthetics**

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**Building a country under the responsibility with the animals**

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**Invincible hearts**

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**Run for them**

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**dence with the future Mexico June 2018 and May 2019**

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**Creating: House of Migrants Coahuila**

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**Creating new opportunities to enhance the daily activities of the soup kitchen Hnā Hnō**

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**Crearte: Art in action, weekend workshops, school trips****Contemporary Art Museum (MARCO)**

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**Create: Contemporary Art Museum of Monterrey** María del Carmen Moncada - mcmoncada@tec.mx Creativity out of the Lab: FIRST Botbusters 4365 team Francisco Guerra

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**We grow reading (Hidalgo)**

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**Growing with Zaragoza**

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**Let's take care of your community**

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**Active witness course**

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**Sign language course**

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**QPR course**

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**Microchauvinism courses**

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**Robotics courses**

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**Courses, workshops, and interactive teaching resources on**

**human dignity**

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**We are born from the heart**

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**Diploma courses on Management of Social Integration**

**Assistance Centers**

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**Democratizing public finance**

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**Disappearing forced disappearances in Mexico**

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**Educational development**

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**Integral development of the student: CONALEP School Center**

**Don Humberto Lobo Villarreal**

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**Guadalajara as Changemaker Campus of Ashoka**

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**Family Day 2019**

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**Grandparents Day**

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**Barter Day**

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**Children's Day (Hidalgo)**

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**Children's Day (Monterrey)**

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**Volunteer service Day (Celaya)**

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**Volunteer service Day (Hidalgo)**

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**Volunteer service Day (Monterrey)**

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**Volunteer service Day (Sonora Norte)**

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**Volunteer service Day (Veracruz)**

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**International Volunteer service Day**

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**International EXATEC (Alumni) Day (Nacional)**

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**International EXATEC(Alumni) Day - (Toluca)**

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**Diagnosis about the participation of women in the Nuevo León**

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**Diagnosis and proposal, the human face of building, Davisa**

**case**

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**Diploma course Social Leaders : Program for the Strengthening and Development of Civil Society Organizations**

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**Diploma course for the Professionalization of CSOs**

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**Diploma course on Management of Assistance and Social Integration Centers**

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**Diploma course Gender and Society**

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**Design for our future me. Creating alternatives to increase the well-being in senior citizens in Mexico.**

- Rebeca Elizabeth Torres Castanedo - rebeca.torres@tec.mx

**Design of rehab and inclusion devices for children of CAME**

- Enrique Martínez Carrillo - emc@tec.mx

**Design of seating prototypes for public schools**

- Javier Eduardo Canseco Girón - jcanseso@tec.mx

**Design of sensory stimulation systems**

- Roberto David Rodríguez Said - rd.rodriguez.said@tec.mx

**Knowledge citizen district - Tlalpan**

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**Diversity and inclusion in professors and collaborators**

- Zinia Padilla - ziniapadilla@tec.mx

**Have FunTec**

- Patricia Gollaz León - pgollaz@tec.mx

**Science outreach**

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**Documenting Chiapas**

- Andres Roberto Barradas Gurruchag - arbarradas@tec.mx

**Donation by Foot**

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**Donation of computer equipment**

- Cinthya Reyes - cinthya.reyes@tecmilenio.mx

**Blood donation**

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**Clothing donation**

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**Dr. Smiles**

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**E.D. Youth Program**

- Juan González Pérez - juagonza@tec.mx

**Ecotourism and migration**

- Mario González - gonzalez.mario@tec.mx

**Ecotourism and migration: a social innovation experience**

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**Eco** Fernanda García Chávez - fernandagarcia@tec.mx

**Sustainable building**

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**Education with quality**

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**Education with equity and quality**

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**Education beyond school**

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**EduCAS (EduCATING)**

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**Examples that pull**

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**The impact of BRED in society**

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**Crafting scarves for senior citizens**

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**Electro-Anda**

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**Employ-Me with a cause**

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**Entreprekids**

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**Entrepreneurship: boosting ecotouristic services**

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**In action for education**

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**Enactus (Querétaro)**

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Enactus (Toluca) - Leticia Telleria - ltelleria@tec.mx

**Enactus support with donation in kind to children's homes**

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**Finding identities**

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**Information survey about the Breast Milk Bank**

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**Engagement Activity: PrepaTec international bacallaureate**

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**Teaching paths**

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**Hippotherapy**

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**Special Olympics unified teams**

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**Listening and developing communities**

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**Bicentennial School**

- Alan Ricardo de Ochoa - alanricardo@tec.mx

**Entrepreneurship School**

- Romain Pouzou - romain.pouzou@tec.mx School

**Raúl Isidro Burgos – Making a Mark in my Community**

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**School Vicente Guerrero**

- Ana Corzo - acorzo@tec.mx

**3D Education Field Trip**

- Gabriela Garza González - gabrielagarza@tec.mx

**Meiquer Station**

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**Multidimensional calculation of descendants of indigenous people and their application in the politics of Mexico's social development**

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**Studio Box**

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**Socio-economic study to users of the Center**

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**Evaluation of social projects**

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**Evaluation of the service to users of the Center**

- María Eugenia Ballesteros Félix - maru\_ballesteros@tec.mx

**Evaluation and certification of competencies for collaborators of CAIS**

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**Avoid contaminating: do not waste food!**

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**Optometric tests and eyeglasses****donation to a rural community**

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**EXATEC Talk**

- Raúl Guadarrama Zamora - rguada@tec.mx

**Experience Fit**

- Raúl Guadarrama Zamora - rgauda@tec.mx

**Experience with senior citizens**

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**Experience with kids from a children's home**

- Jessica Lidey García - jessica.garcia@tecmilenio.mx

**Expo Engineering**

- Fernando Rea Haro - freat@tec.mx

**The Bell Fab Lab**

- Juan Manuel Fernández - j.m.fernandez@tec.mx **Manufacturing**

**3D eyeglasses for:****From the Heart Foundation**

- Baltazar Ernesto Alvarado Zamora - balvarado@tec.mx

**Tec Family**

- Hortensia Ortiz - hortiz@tec.mx

**Canine adoption fair**

- María Elena Dorrieta Guillén de León

- maelena@tecmilenio.mx

**Social entrepreneurship fair**

- Romain Pouzou - romain.pouzou@tec.mx

**Science projects fair**

- Raúl Martínez Rosado - rrosado@tec.mx

**Children's Day celebration (Cumbres)**

- Lydia Isela Garza Fernández - lydia.garza@tec.mx

**Multicultural festival Human Rights into Action**

- Sash Jair Espinosa de Alba - sasha.jair@tec.mx

**Costume party for Teletón**

- Talia Danae Romero Sánchez - taromero@tecmilenio.mx

**Applied finance for the small business**

- Alicia Ángeles Cortés - alicia.angeles@tec.mx

**Green finance and energy**

- Mariel Carreño Huicochea - marielch@tec.mx

**Fostering hospitality inside lodging communities to generate alternatives about how to live well together**

- Rebeca Elizabeth Torres Castanedo - rebeca.torres@tec.mx

**Medical attention fund**

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**Pain management fund**

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**National Fund of Digital Innovation Mexico**

- Jorge Azzario - jorge.azzario@nic.mx

**Zambrano Hellion Fund**

- María Guadalupe Grijalva Salazar

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**Forum "Open dialogue on gender violence and discrimination Guadalajara"**

- Silvia Guadalupe Figueroa González - sfigueroa@tec.mx

**Forum "Willpower in action"**

- Gabriela Garza González - gabrielagarza@tec.mx

**Forums of open dialogue**

- Perla Salinas - pasalinas@tec.mx

**FORT Project**

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**Strengthening education in Huixcazhdá**

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**Strengthening the civil society**

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**Strengthening our childhood – Children's Farm Home**

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**Academic strengthening**

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**Mochis Strength 2018**

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**Soccer with a cause (Eugenio Garza Lagüera)**

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**Soccer with a cause (Querétaro)**

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**On-site energy generation**

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**Social projects management: Toribio Romo Migrants Shelter**

- Angélica Camacho Aranda - acamach@tec.mx

**Integral management of wastes**

- María José Ceja Ahumada - ceja@tec.mx

**Manage and help someone else**

- Profesor Miguel Ángel Nájera Herrera, profesora Marcela Sada Flores - miguel.najera@tec.mx

**Cooperation Tour South - South**

- Nicolas Pierre Foucras - nicolas.foucras@tec.mx

**Global Entrepreneurship Summer School (GESS)**

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**Glove-E**

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**Student group Humanize Tec**

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**Group MÁS (MORE)**

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**Ha'**

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**Let's do this right: culture of legality and road culture**

- Laura Dovise Pacheco López - dovisep@tec.mx

**ZERO HUNGER – Food Bank**

- Susana Molina Siqueiros - susanamolina@tec.mx

**ZERO HUNGER Nuevo León**

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**HeForShe**

- Karla Urriola - karlaurriola@tec.mx

**Heineken Green Challenge: Hult Prize**

- Romain Pouzou - romain.pouzou@tec.mx

**Hidalmun**

- Jesús Salvador Villarreal - jvillareal@tec.mx

**High School Musical**

- Yuliana Espinoza - yuliana.espinoza@tec.mx

**HipoTec: building dreams**

- Laura María Yeomans Galli - lyeomans@tec.mx

**Stories in movement: Casa Nicolás**

- Carlos Eduardo - carlos.edu.azuara@gmail.com

**Standardisation of outdoors ecological stations**

- María José Ceja Ahumada - ceja@tec.mx

**Zero hour**

- Gloria Fanny García Cardoso - gfc Cardoso@tec.mx Hub of innovative social entrepreneurship (State of Mexico )

- Joshua Hammerschlag - joshua@tec.mx

**Hub of innovative social entrepreneurship (Puebla)**

- Hilda Margarita Ortiz Martínez- hmortiz@tec.mx

**Hub of innovative social entrepreneurship (Querétaro)**

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**Imprints that transcend: Artisan2you**

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**School garden at a primary school**

- Juana del Carmen Ramos Juárez - jcramosj@tec.mx

**Urban garden**

- Maruma Godoy Rangel - maruma.godoy@tec.mx

**Hult Prize**

- Leticia Telleria - ltelleria@tec.mx

**Hult Prize@Tecnológico de Monterrey at INCMty**

- Jairo Abraham Ruiz Nava - jaruiz@tec.mx

**Icnelia-Teczaly**

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**Gender equality: Building Well-being networks for the woman and her family, A.C.**

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**Iknextia**

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**Teaching at an orphanage**

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**Impulsa (Encourage)**

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**Encouraging the right to listen**

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**Urban boosting**

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**Including us**

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**Social incubators**

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**Communication English for teacher-training students**

- Gabriela Ulloa - gulloa@tec.mx

**Safe cities and public spaces for girls and women initiative by UN Women**

- Karla Urriola - karlaurriola@tec.mx

**Energy initiative by Tecnológico de Monterrey**

- Luis Alberto Serra Barragán - luisalberto.serra@tec.mx

**Transparency and anti-corruption initiative**

- María de los Ángeles Estrada González - angelese@tec.mx

**SDGs initiative at the Tec**

- Emb. Miguel Ruíz Cabañas Izquierdo
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**Innovation in the value chain** – Benito Juárez Zoo

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**INTEGRATEC**

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**Boarding school “Guadalupano”**

- Tiare Michel Parra Dávila - tiareparra@tec.mx

**Community intervention**

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**Greenhouse**

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**Research in the social entrepreneurship learning process**

- Jairo Abraham Ruiz Nava - jaruiz@tec.mx Research In the particularities of the entrepreneurship phenomenon in the social context.

- Jairo Abraham Ruiz Nava - jaruiz@tec.mx

**CheckMat**

- Francisco Rodríguez - frodrigu@tec.mx

**JOOL**

- Cristóbal Chapital - cchapital@nic.mx

**House-building Day**

- Maruma Godoy Rangel - maruma.godoy@tec.mx

**Human Rights Day**

- Claudia Prudencio Vargas - claudia.prudencio@tec.mx

**Sustainability Day**

- Alejandro Sandoval Correa - alesando@tec.mx

**Youth in action**

- Diana Ixchel González Vulpes - diana.ixchel@tec.mx

**Youth who transcend: ANSPAC Nuevo León**

- Lucía Cortés - lucia.cortes@tec.mx

**Joy Joy**

- Miriam López García

**ToyTec**

- B. Patricia Gollaz León - pgollaz@tec.mx

**Electro-mechanic toys for impairment**

- Elena Gabriela Cabral Velázquez - gcabral@tec.mx

**Jugueteón TV Azteca (Toy donation)**

- Blanca Garza Flores - blancagarza.flores@tec.mx

**Together with the Children’s Home John Paul II**

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**Together for a Green Capital**

- Karina Zazueta - karina.zazueta@tec.mx

**TogetherTec**

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**Karewa**

- Angélica Santana Fierro - angelica.santana@tec.mx

**The light caused by a bullet**

- Manuel Jesús González Morales - jesusg@tec.mx

**The half dinner**

- Carolina Félix - carolina.felix@tec.mx

**Entrepreneurship and public transformation laboratory**

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**Laecology**

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**Hands can also talk**

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**Tec Hands**

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**Ties**

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**Ties that bond**

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**LDMx, Jojutla**

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**Leader Up**

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**Loyalty 2019**

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**Shared Reading adults-children**

- Luz Zareth Moreno Basurto - lzmb@tec.mx

**Reading to learn the legends of Morelia**

- Yesmin Israde Juárez - yesmin.israde@tec.mx

**Visual and auditory reading to learn the culinary history of Michoacán**

- Yesmin Israde Juárez - yesmin.israde@tec.mx

**Lecturnio (Reading)**

- Ana Lilia Carbajal - annie.carbajal@tec.mx Body language and

**violence, with Flor Firvida: Masterclass**

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**Turtles release**

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**Educational leadership for social justice**

- Carmen Celina Torres Arcadia - ctorres@tec.mx Inclusive

**leadership: raising awareness to include persons with special needs**

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**Leadership for social development: Dancing with the heart, A.C.**

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**Leadership for social development: Ingenium ABP**

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**Leadership for social development:****Nuevo Amanecer Institute ABP**

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**Leaders with humane sense**

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**Leaders with humane sense****- Social service Directorate**

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**Leaders of Tomorrow**

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**Leaders of Tomorrow for Jojutla**

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**Let us clean our country : you and I make the difference**

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**Street cleaning**

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**Beach cleaning (Mérida)**

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**Beach cleaning (Veracruz)**

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**Querétaro River cleaning**

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**Looking Further**

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**The 5 senses of social innovation: transforming the Sierra Madre Route**

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**LSH: Adopt a school**

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**Play centers**

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**General management of emergencies**

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**Reading delicacies 2018-2019**

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**Indigenous hand**

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**Maintenance and cleaning of a CEM neighbour public school**

- Anabel Parada Castañeda - anabelpc@tec.mx

**Machine to recycle plastic with digital technology**

- Rosalino Rodríguez Calderón - rosalino@tec.mx

**Machine to renovate the lower power train**

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**Blue sea: planning and innovation for strategic sustainability**

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**Dog food marathons**

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**Marketing without borders**

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**Subject Costs and Prices Management**

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**Subject Corporate Government and Ethics**

- José Antonio Nuñez - janm@tec.mx

**Subject Innovation and Entrepreneurship**

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**Subject with social impact:Corporate Sustainability**

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**Subject of leadership for sustainable development**

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**Betterment of School Jorge A. Treviño**

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**Betterment of public schools**

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**Improving lives**

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**Mentors of tomorrow**

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**Mentoring of projects which represented the Tec in regionals: Hult Prize**

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**Mentoring Tec teams for Hult Prize regionals**

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**Mentoring Walk**

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**Local markets**

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**Round tables**

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**Mexicans First , A.C.**

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**Magic Mexico for the world**

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**Urban Mexico**

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**My home is your home: Food with love**

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**My world and I**

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**My life, my project**

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**MiniBorregos**

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**MiniRobotics for teenagers**

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**Minirobotics for teenagers: SAIMT**

- Abner Emilio Arevalo Banda - a00821351@itesm.mx

**Look at my skills: CEDAC**

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**United Nations Model TecMun: Development of Formative Competencies of the Basic and Upper Intermediate Education of the Student Community of the Area of Michoacán de Ocampo**

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**Financing models of social entrepreneurship organizations:****An exploration of their possible determinants**

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**Morelos standing**

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**Reasons to love Mexico**

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**HeForShe Movement**

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**Women in engineering: technology in asphalt materials 2019**

- Carlos Fonseca Rodríguez - carlos.fonseca@tec.mx

**World of children**

- Said Medina - said@tec.mx

**Walls that bond, Soul in movement, A look at my country, Free voices: land of artists**

- Lucía Cortés - lucia.cortes@tec.mx

**La Casona Museum**

- Alejandro Loza Pineda - alejandro.loza@tec.mx

**NaoTeam CCM social robotics**

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**Narratives about sustainability**

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**Natural Lab**

- Carlos Cobreros - ccobreros@tec.mx

**Christmas grandparent “Las Helodias”**

- Nayeli del Carmen Rodríguez Esquivel - narodrig@tec.mx

**Dignified childhood, active citizenship**

- Ivón Cepeda - icepeda@tec.mx

**Migrant childhood**

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**Happy Child**

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**“Regios” Children (SAIS)**

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**“Regios” Children**

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**“Regios” Children: One step ahead**

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**Binnational Node of Health Innovation**

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**Core of Fiscal Support**

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**Core of Fiscal Support: LCPF, LAF and LDF**

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**New organization models of the savings bank of the community of Tzisco**

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**NurtureTec**

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**Home Oasis**

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**Special olympics**

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**On Their Shoes: Appreciating Migrants’ Dignity Through Stories of Struggle and Resilience**

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**Kino Operation**

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**Streamlining of the pilot plant of the Food Bank of Cáritas Monterrey**

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**Pride of Being**

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**PAKI**

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**Young Parliament Coahuila 2019**

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**Alameda Park**

- Alejandro Loza Pineda - alejandro.loza@tec.mx

**Linear Park Padre Tembleque**

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**Participation in Teletón (fundraiser)**

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**Migrants Party**

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**Beautiful Patterns**

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**Beautiful Patterns**

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**PECAS**

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**PEPsec: Education Program for Public Secondary Schools**

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**Data Young Scientist: INT**

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**Small gears: SAIMA**

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**Positive people transforming the community**

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**Food Processing Plant: SAIIA**

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**Play Lab: participatory design for social transformation 4th. edition 2019**

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**Plogging: pick up garbage while you jog**

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**Pool Car**

- Soledad Rendon - soledad.rendon@tec.mx

**For a world where we all fit in**

- Lilia Patricia López Vázquez - lilia.lopezv@tec.mx

**CreceCamp Lodge**

- Vlviana Sánchez Núñez - vsanchezn@tec.mx

**Leas Lodge**

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**Lodge for cleaning and security equipment**

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**Lodge for low-income schools**

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**Lodges**

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**Prepa@Net (Mexico City)**

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**Prep@Net (Guadalajara)**

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**Prepa@Net (Hidalgo)**

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**Prepa@Net (Monterrey)**

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**PrepaAppsTec**

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**Prevention of addictions**

- Sonia Rodríguez Alemán - sra@tec.mx

**Prevention of breast cancer In your hands**

- Ana Priego - apriego75@tecmilenio.mx

**Prevention of HIV**

- Luis Arturo Hernández - luishernandez@tec.mx

**Basic First Aid**

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**Documentary audiovisual production in local environments**

- Claudia García Rubio - claudia.rubio@tec.mx

**Correction of strabismus program**

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**CAMI Program**

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**Program of mentors for the Elementary School Mariano Valenzuela**

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**Sustainable social transformation program**

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**Urban housing program**

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**Volunteer service program of Tec de Monterrey**

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**Social entrepreneurship Honors Program**

- Patricia Cuevas Servín - patricia.c@tec.mx

**Pre-clinical program: LPS**

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**Proposal of integral communication campaign**

- Diana Bravo Pérez - diana.bravop@tec.mx

**Protection of the blue crab**

- MaryCarmen Aguilar - mc.aguilar@tecmilenio.mx

**No-Discrimination Protocol**

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**Protocol and Assistance Guide for Disabled Students and Collaborators**

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**Projecting Michoacán Photo Tour**

- Enrique Ossio Rangel - enrique.ossio@tec.mx

**Project 99: CbTis 99**

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**Project applied to citizenship: TECHO (ROOF)**

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**Project House of the Migrant**

- Heber Sandoval - hebersan@tec.mx

**Zacatlán community project**

- Noemí Romo González - nromo@tec.mx

**Project with a cause Migrant House Coahuila**

- Ana Cristina Gracia Rumayor - anacristina.gracia@tec.mx

**Project of the subject Management of Social Projects**

- Shaye Suzanne Worthman - shaye.suzanne@tec.mx

**Business project EcoVitae**

- María Eugenia Buenrostro Pifeyro

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**Business project on gender equality: HeForShe**

- María Eugenia BuenrOthers Piñeyro

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**Community resilience project: Mexican Red Cross**

- Rogelio Leal Benavides - rogelio.leal@tec.mx

**Educational project for children with high intellectual potential: ALFA Foundation**

- Lucía Cortés - lucia.cortes@tec.mx

**Enactus Project: park cleaning**

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**Strategic project for the northern area of the municipality of Querétaro**

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**MUSE project**

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**Social project**

- Valeria Susana Morán Álvarez - susiemoran@tecmlenio.mx

**Soli**

- Yolanda del Carmen Gasca Gallegos - ygasca@tec.mx

**Smiles Project**

- Karina Durán - kduran@tec.mx

**Social Transformation Project San Juan de Abajo: I am because we are**

- Yolanda del Carmen Gasca Gallegos - ygasca@tec.mx

**Projects of the Ethics, Being, and Society course : House of the Migrant**

- Heber Sandoval - hebersan@tec.mx

**Inclusion Projects: FIRST**

- Viviana Sánchez Núñez - vsanchezn@tec.mx Projects of the Leadership for Social Development course

- María Elisa Preciado Salazar - mariaelisa.preciado@tec.mx

**Saturday projects of the Polygon Campana-Altamira**

- Victor González - victorjgonzalez@tec.mx

**Qherida(wound): Stronger Together**

- Dinora Judith Cuevas Ruiz - djcuevas@tec.mx

**Recycling**

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**Recycling school material**

- Cinthya Reyes - cinthya.reyes@tecmlenio.mx

**We recycle and help**

- Lorena López Portillo - lorenalp@tec.mx

**Collection in favor of collector collaborators**

- Ana Priego - apriego75@tecmlenio.mx

**Collection of electronic waste**

- Marycarmen Aguilar - mc.aguilar@tecmlenio.mx

**PET collection**

- MaryCarmen Aguilar - mc.aguilar@tecmlenio.mx

**Batteries collection**

- Paola Visconti - paolavisconti@tecmlenio.mx

**Lids collection (Ferrería)**

- Emanuel Montijo Zambrano

- emanuel.montijo@tecmlenio.mx

**Lids collection (Guadalajara)**

- Andrea Guadalupe García Minchaca

- andrea.garacia@tecmlenio.mx

**Lids collection (Cuautitlán Izcalli)**

- Alejandro Juárez Figueroa - aljuarez@tecmlenio.mx

**Lids collection (Querétaro)**

- Marina Raffaella López Galván - mrlopez@tecmlenio.mx

**Food collection in tragedies**

- Omar Lizarraga - olizarrag@tecmlenio.mx

**Toys and/or clothes collection**

- Viviana Sánchez Núñez - vsanchezn@tec.mx

**Rebuilding citizenship**

- Maribel Flores Sánchez - mfloress@tec.mx

**National network of Generation of Resources for Higher Education, ANUIES**

- Pedro Castillo Novoa - pedro.castillo.novoa@tec.mx

**Reduce, reuse and recycle**

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**Reforestation Azumiatla**

- Karol Méndez Polanco - kmendezp@tec.mx

**Reforestation Corregidora**

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**Reforestation of campus (Veracruz)**

- MaryCarmen Aguilar - mc.aguilar@tecmlenio.mx

**Reforestation in campus (Guadalajara)**

- Andrea Guadalupe García Minchaca - andrea.garcia@tecmlenio.mx

**Reforestation in campus and neighbouring areas(Ferrería)**

- Emanuel Montijo Zambrano

- emanuel.montijo@tecmlenio.mx

**Reforestation in the Sierra of Zapalinamé**

- Ana Cristina Gracia Rumayor - anacristina.gracia@tec.mx

**Reforestation Sierra Morelos Park**

- Martha Elena Guadarrama - meguadar@tecmlenio.mx

**Reforestation Madin Dam**

- Noemí Romo González - nromo@tec.mx

**Reforestation Zapopan**

- David Guadalupe Rosado Sánchez - david07@tecmlenio.mx

**Mathematics remedial course**

- Juan González Pérez, Dalila Govea López

- dalila.govea@tec.mx

**Public schools refurbishment**

- Eduardo Armendáriz - eduardo.armendarizg@tec.mx

**Annual Report of Greenhouse Emmissions Effect (LGEI)**

- María José Ceja Ahumada - ceja@tec.mx

**Report of Diversity and Inclusion**

- Maryangel García-Ramos Guadiana

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**Ethical responsibility in the world**

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**Responsible Consumption & Precious Plastics**

- Delia Pérez Lozano - delia.perez@tec.mx

**Restoration of street lighting to increase security in the neighborhood**

- Iván Flores Rodríguez - ifloresr@tecmilenio.mx

**Challenge 4Thousand: women investing on their life**

- Luz María Velázquez - lvelazquez@tec.mx

**Edutainment Challenge Cinépolis Foundation**

- Cristian Granados - cristian.granados@tec.mx

**Entrepreneur with a humane sense challenge**

- Jairo Abraham Ruiz Nava - jaruiz@tec.mx

**Zero Hunger challenge**

- María Magdalena Ocón Pérez - magdalena.ocon@tec.mx

**Boosting textile craftswomen challenge: Snaúl Koontón**

- José Manuel Islas Pacheco - jose.islas@tec.mx

**Collecting funds for a home for the elderly**

- David Guadalupe Rosado Sánchez - david07@temilenio.mx

**Collecting funds for a children's home**

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**Laughter therapy**

- Jessica Lidey García - jessica.garcia@tecmilenio.mx

**Roads and children's soup kitchen**

- Perla Caballero Castro - perla.caballero.castro@tec.mx

**Robotics for secondary schools**

- Teresa Huerta - tere.huerta@tec.mx

**Robotricks**

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**Health route**

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**Sacbé: program against school dropout**

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**Breastfeeding room for teenage girls**

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**Reading rooms**

- Vanessa Goñi - vanessa.goni@tec.mx

**2gether field trip**

- Fernanda García Chávez - fernandagarcia@tec.mx

**Field trip with people with special needs and Down Syndrome**

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**Fearless Field trip**

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**Roads Field trip**

- Perla Caballero Castro - perla.caballero.castro@tec.mx

**San Vicente**

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**Saving the Planet: Global Warming: Not Fake News!**

- Mary Carmen Pelоче Barrera - mcpeloch@tec.mx

**Let's be useful**

- Margarita Galván Flores - mgalvanf@tec.mx

**Monitoring micro-companies**

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**Safety in the sector**

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**i Week with girls and boys in street conditions: EDNICA**

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**Semester of Social Innovation : Land of Artists**

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**Semester i: Global Cities**

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**Semester i: Global cities**

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**Semester i: Consultant of projects of International organizations**

- Shaye Suzanne Worthman - shaye.suzanne@tec.mx

**Semester i: From theory to reality**

- Verónica Martínez Estrada - vmartinz@tec.mx

**Semester i: E+B+D**

- José Antonio Saénz - jasaenz@tec.mx

**Semester i: My Zapopan**

- Tzinti Ramírez Reyes - tzinti.r@tec.mx

**Semester i: Molecules of the Million**

- Janet Alejandra Gutiérrez Uribe - jagu@tec.mx

**Semester i: Green Communities:****Live museum , Las Moras Villa del Carbón**

- Francisco Javier Chávez del Valle - fjchavez@tec.mx

**CRIT Seminars**

- Agustín Mateo Arredondo Corrales - agustin.mateo@tec.mx

**Raising awareness to Social service**

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**Humane sense**

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**Community service in Villa de los Niños (Children's home)**

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**Social service Resilient Communities**

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**Social service PrepaTec**

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**Peace servers: White Point**

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**Business simulator Pro Tamar Board**

- Alejandra Hernández - ale.hdzm@tec.mx

**With no fear of the flow**

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**Rain water system for communities**

- José Manuel Islas Pacheco - jose.islas@tec.mx

**Photovoltaic system at Borregos Stadium**

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**Intelligent system of leakage detection**

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**Social Lab for Sustainable Logistics**

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**Live with a Cause**

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**School experiences**

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**Volume of Hope**

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**Volunteer service Bosque Colomos**

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**Volunteer service with Barrio Esperanza**

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**Volunteer service First**

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**Volunteer service Providencia Homes**

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**Volunteer service IMSS**

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**Institutional Volunteer service**

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**Youth volunteer service**

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**National volunteer service**

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**TecChem Connect**

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**Permanent volunteer service**

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**Volunteer service Sorteos Tec**

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**Volunteer service Tec**

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**Volunteer service Tecmilenio (Cancún)**

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**TECHO(ROOF) Volunteer**

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**TecSalud Volunteers**

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**Voice of the Victims**

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**Go back to school**

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**Waterlution Labs**

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**Women for Boards**

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**Women in Tech**

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**XIGNUX CHALLENGE**

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**I love reading**

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**Zihuame Mochilla**

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