

Skills
for prosperity
MEXICO

PROGRAMME RESULTS

MARCH 2023



SFPMX'S OVERVIEW



PICTURE: UTM student and beneficiary of SFPMX's STEM Academy

Reflecting on Three Years of SFPMx: Overcoming Challenges, Achieving Results, and Learning Valuable Lessons

SFPMx team shares the experiences gathered over three years, lessons learned, challenges overcome, and the expertise that made it possible to successfully close the program with a relevant impact.

1



Building a Strong Foundation
for Lasting Transformation
and Replication through
SFPMx

2



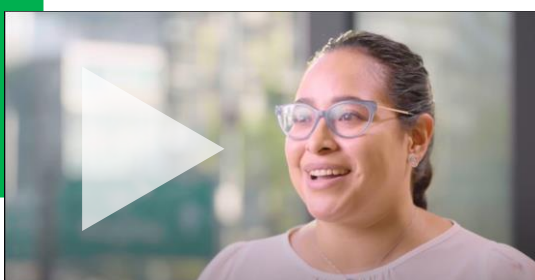
Improving the Future of Young
People: Relevant Education
for Professional Success

3



Safe Education and
Workplaces for Youth: The
Foundation for a Prosperous
Future

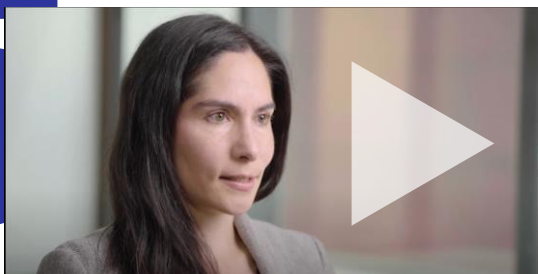
4



Achieving Career Success: The
Winning Balance of Technical
and Socioemotional Skill

Reflecting on Three Years of SFPMx: Overcoming Challenges, Achieving Results, and Learning Valuable Lessons

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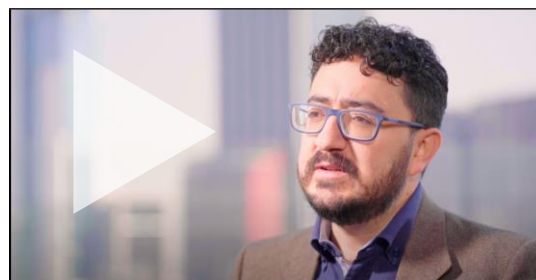
Measuring SFPMx Impact on
Youth Lives: Numbers and
Stories of Transformation

6



Empowering Youth with
Green Skills to Succeed in
Growing Sustainability
Industries

OUR PRINCIPLES



Adapting to Challenges While Staying True to
Core Principles: Three Years working with and
for young women and men

PROGRAMME'S RESULTS

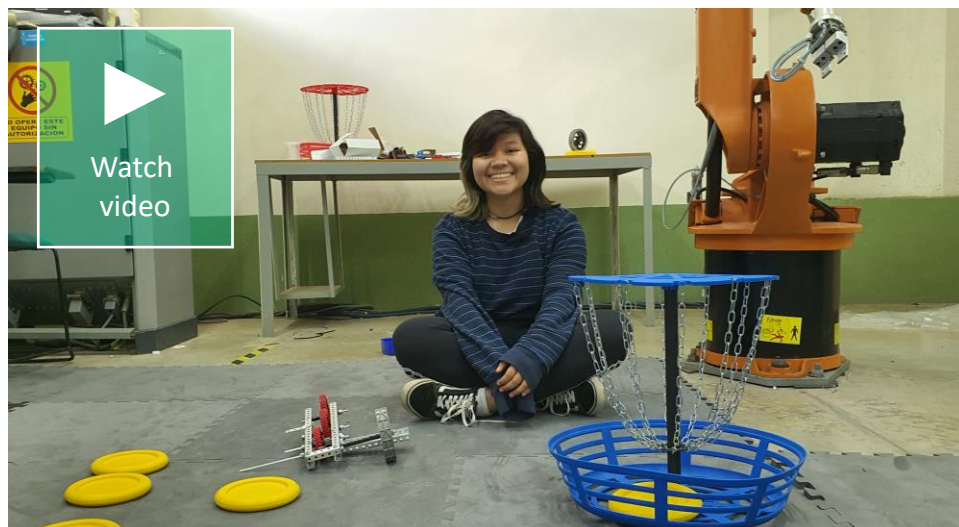


SUCCESS STORIES



PICTURE: UTT mechatronics students and SFPmX's beneficiaries of STEM Academy

SFPMX CO-FUNDED STEM ACADEMIES IN MERIDA AND CIUDAD JUAREZ START SHOWING SUCCESS RESULTS



A group of Mechatronics students from the Metropolitan Technological University have begun using the STEM Academy labs, co-financed by Skills for Prosperity Mexico. The academy aims to not only increase the skills of young people in 4.0 industries such as robotics and the internet of things but also to encourage more women to take an interest in these fields. **Female students participating in this phase are a prime example of how women offer unique perspectives and ideas that lead to advancements in technology and science.** By inspiring more women to choose careers in STEM, Skills for Prosperity aims to create a brighter future not only for them but for everyone. The STEM Academy is dedicated to breaking down the barriers and stereotypes that have prevented women from fully participating in these fields. They have expressed their enthusiasm of keep learning and gaining knowledge in the labs ([watch video](#)).

**Nathalie
Navarro**

UTM Mechatronics
Student



“It is not easy, I won't lie. It's a very difficult programme that requires a lot of knowledge and too much maths, but nothing is impossible, it's achievable. If I am here, all girls can do it.”

“Thanks a lot to Skills for Prosperity and the British Embassy to support us and make possible that I am here right now in the path of becoming a great Engineer in the future.”



**Claudia
Garrido**

UTM Mechatronics
Student

SFPMX CO-FUNDED STEM ACADEMIES IN MERIDA AND CIUDAD JUAREZ START SHOWING SUCCESS RESULTS



Trained professors and students from the Technological Universities Paso del Norte (UTPN) and Mérida (UTM) **won awards in different championship, for projects developed at SFPMx co-funded STEM Academies.** At the First Northern Border Regional Tournament in Ciudad Juárez organized students from the **UTPN achieved a remarkable performance by winning the top three places in various categories.** In the "Internet of Things" category, a team won the first place for their innovative Raspberry Pi Cluster project. In the "Collaborative Robotics" category, a group won the first place with their project aimed at improving the quality of life of visually impaired employees on production lines. Lastly, four students won the first place in the "Team Programming" category for their creativity and innovation in robotics. Meanwhile, in the Girl Powered International Festival in Mexico City, a mixed team of students from the **Mechatronics Engineering program at UTM won the first place in the Design category** and the 5th position in the overall competition, thanks to their mobile prototype capable of performing articulated movements, applying mechanical, programming, and electronic concepts. Their outstanding performance showcased their creativity, technical expertise, and dedication to the field of mechatronics.

“Congratulations to the Yuca women Patricia Yam and Laura Méndez from UTM for their victory in the Girl Powered International Festival where women show their abilities and talent in robotics”



Mauricio Vila
Yucatán Governor

3

**RAISING AWARENESS
OFN MENTAL HEALTH
TO BOOST INCLUSION
FOR STUDENTS WITH
DISABILITIES**

After an extensive analysis of students with disabilities in Mexico's higher education and labor markets during Y2, they discovered a concerning reality: **mental health and disabilities were underreported, transformational strategies to support learning were scarce, and vulnerable youth faced significant barriers to accessing high-quality job opportunities.** Determined to make a difference, SFPmX launched an inclusion strategy focused on **mental health and disabilities - a significant paradigm shift from a medical to a social perspective.** The strategy aimed to identify learning barriers that prevent access to education, establish the division of responsibilities in the inclusion process, and promote social inclusion in the school community. **Ninety teachers from the University of Chihuahua (UTPN and UTCH)** took part in a sensitization program that employed both in-person and hybrid models. Teachers expressed 100% satisfaction with the program, reporting that they appreciated the opportunity to learn about available resources, acquire knowledge of first response strategies, and refresh their understanding of the university's attention protocols.

“Being attentive to the mental health of students is very important. The social isolation brought about by the COVID pandemic generated anxiety, introversion, and behaviors among students that affect their interpersonal communication skills.”



Sandra Chávez
UTCH Professor and
Manager of the
University Inclusion
Programme

4



ASSISTING ONE OF THE MOST UNDERSERVED COMMUNITIES IN EMBRACING EQUITY AND GENDER STANDARDS

In Guachochi, located in the Chihuahua mountains, the Tarahumara Technological University serves a population predominantly of Raramuri origin. UTT provides educational opportunities to hundreds of young people, especially those who are vulnerable and marginalized. Since 2022, the UTT has worked with SFPMx to establish inclusive and discrimination-free work and learning environments and raise awareness among professors and students of challenges to address such as sexism, racism and bullying. **SFPMx is assisting the university in obtaining certification in the Mexican Standard NMX-025 to establish standards** such as including the raramuri tongue in outreach materials and signs, create protocols to address violence, discrimination, and sexual harassment. It also seeks to get more equitable opportunities for hiring and promoting staff. On February 8th, focus groups and surveys were organized to allow students to discuss the barriers to stronger inclusion for women, LGBT, and Raramuri communities.

"In the agricultural sector in Guachochi, there is sexism. It is believed that women do not have the ability to do it well. By having female colleagues, we realize that everyone can do it and even have different abilities such as emotional and social intelligence that complement each other."

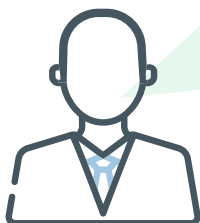


Male student

UTT's Sustainable and Protected Agriculture programme and participant in a SFPMx's lead focus group

Male student

UTT's Sustainable and Protected Agriculture programme and participant in a SFPMx's lead focus group



"We took the first step towards visualizing the LGBT and Rarámuri community in UTT. We can now seek strategies to improve the relationship among the whole community because discrimination still exists and some people have a closed mindset."

5

**SCHOOLS START
INSTITUTIONALIZING
EMPLOYABILITY
TOOLS IN THEIR
CURRICULA**

For young graduates, finding a good job after completing studies can be a complex task. This is why Skills for Prosperity aims to empower them with top-notch employability skills through training career counselors and professors so they can teach young people employability skills. From building a personal brand that showcases their technical expertise and social skills, to crafting an impressive resume, using job search platforms, and mastering professional networking, these trainings are essential to help young professionals succeed. This knowledge is now being implemented by top institutions like the Technological University of Puebla (UTP), which has developed an online education platform to ensure all its students complete a mandatory Employability course, based on the tools developed by Skills for Prosperity. More than 1,200 students are expected to benefit from these efforts every year.

"When you get your first job interview you immediately realize workplace is not the same as school. Employability courses helped me showcase my abilities better, get the internship and a job offer."



Alan Ochoa
UTP's Industrial
Processes Student

German Néstor
UTP's Careers and
Job Placement
Manager



"Institutionalizing Employability courses and making them compulsory for all students will nudge and help those who are dubious about their careers and take an active role finding a job since their internships."

6

CAMBRIDGE'S
TKT TRAINING
TO IMPROVE
TEACHING
COMPETENCIES
IN YUCATAN

SFPMx is dedicated to empowering young people by providing them with **English language skills that can lead to greater opportunities for success**. To achieve this, we have offered a rigorous training program for English teachers using the **Cambridge TKT teaching methodology**. The program is designed to help teachers improve their ability to **teach English in an engaging and effective way**, ensuring that students learn the language to the best of their ability. At Universidad Tecnológica Metropolitana, the training program has been received positively by both teachers and students. The teachers have reported an increase in confidence and ability when teaching English, while students have praised the engaging and effective teaching methods that they have education possible.

"In the labour context,
[English] is useful to open
doors, to widen your
social and influence circle,
get a good job and status."

**Joel Alejandro**

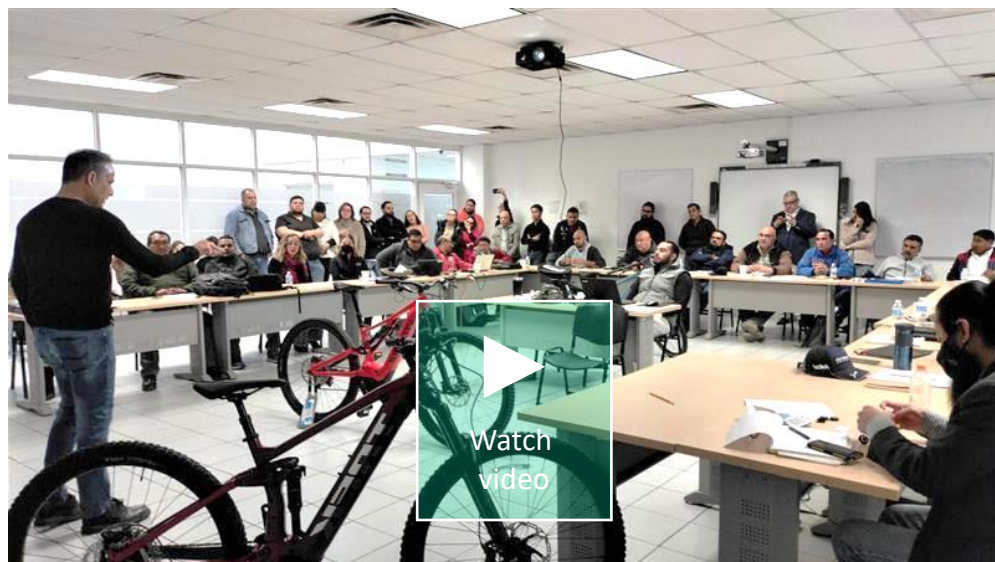
UTMM's Marketing student
and indirect beneficiary of
SFPMx's Cambridge's TKT
Training for English Teachers

Lourdes López
UTMM's Teacher and
beneficiary of SFPMx's
Cambridge's TKT Training



"It is an excellent idea that
we update ourselves with
the knowledge required to
have a better teaching
methodology and apply it in
the classrooms to achieve
the objectives we have
defined for the students."

7

TRAINING FOR
TEACHERS TO
TAKE PART IN
THE ON THE
TRANSITION TO
THE FUTURE OF
ELECTROMOBILITY

SFPMx provided a training course on electromobility to 19 teachers from various Mexican states through its component Green Skills. **It covered principles, components, maintenance, regulations, and business models of electromobility.** Participants came from CONALEP Chihuahua, CAST Jalisco, Puerto Vallarta, Oaxaca, CECyTE Jalisco, UTCH, UTPN, UTVC, UTP, and UTM. They received hands-on experience through on-site practices, visits, and technical conferences and the training was delivered in a hybrid scheme with online and face-to-face sessions. **The knowledge gained will support students' learning in regions with high environmental vulnerability about the benefits and advantages of green technologies.** This aims to help reducing the impact generated by the burning of fuels, greenhouse gas emissions, and climate change. The teachers expressed their appreciation for the training received and the commitment to sharing knowledge and promoting sustainable projects. The training has empowered the teachers to become champions of change in the field of electromobility and inspire the next generation to build a better future.

**Martha G. Luna
Espinosa**

Director of the
automotive
systems division of
the UTP




“This training will support the updating of educational curricula and will provide students with profiles that reduce the labour gap and attend the demand from the automotive industry.”

EMPOWERING YOUTH EMPLOYMENT WITH SCALABLE ONLINE RESOURCES

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Skills
for prosperity
MEXICO

SFPMx successfully developed a series of short videos aimed at enhancing employability skills not only among partner schools, but among any young people interested. These videos cover essential topics such as building a personal brand, creating a professional objective, identifying and overcoming discriminatory biases from employers, crafting a compelling resume, finding job opportunities, and building professional networks. Thanks to these accessible and engaging resources, young people from all backgrounds can gain access to vital employability skills that were previously difficult to acquire. By partnering with schools, SFPMx is making a significant impact on youth employability and providing the tools needed to succeed in today's job market.



Skills for Employability


Skills for Prosperity Mexico

8 videos 22 views Last updated on Mar 15, 2023


⋮ ➦


▶ Play all


🔀 Shuffle





Watch video

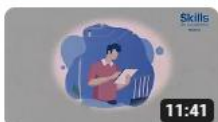
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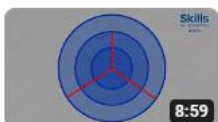
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Work together.
Learn together.
Grow together.