



TECHNOLOGICAL MISSIONS

LÉTS GO

INTERNATIONAL
ENGINEERING STUDENT
NETWORKING MISSIONS

—
MEXICO 2023 EDITION
SPRING 2023

PARTNERSHIP
PLAN

SUMMARY



3

OUR PROJECT

4

OUR NEXT DESTINATION

5

OUR THEMATICS

6

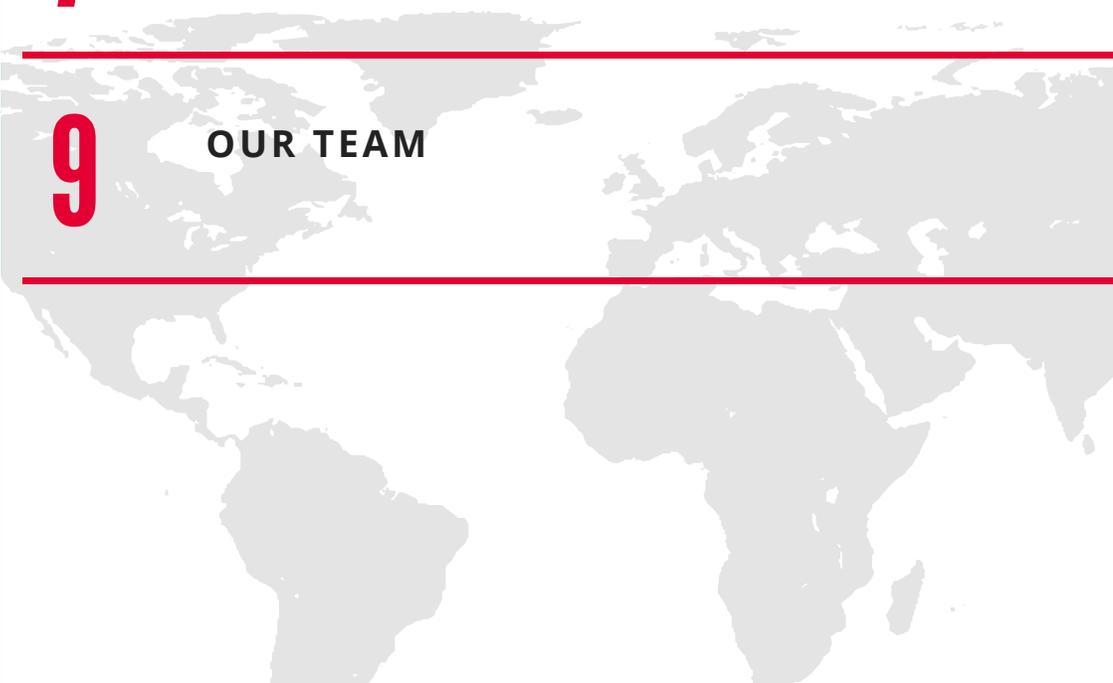
**COMPANIES AND UNIVESITIES
VISITED**

7

OUR FUNDING

9

OUR TEAM



OUR PROJECT

Tomorrow's engineers must not only master skills in technical and scientific field, but also acquire interpersonal skills that will allow them to work with ease in a globalized world within multicultural and interdisciplinary teams.



France 2022

Since 2012, Technological Missions LÉTS GO's project has allowed more than 108 enrolled students in the bachelor's or master's engineering program at École de technologie supérieure (ÉTS) to experience cultural and technological immersion in an industrialized country every year with which ÉTS maintains scientific and industrial collaboration. Selected students stand out for their interest in engineering in its international dimension, but also for an engineer's role and responsibilities in Society.



Germany 2019

During our visits to the companies and academic institutions in the host country, students discover and draw inspiration from different approaches and different models in technological development, management, innovation, and much more. Students wish to create channels for international collaboration to better meet tomorrow's challenges and follow the evolution of technology, industry, academic training, etc.

PROJECT OBJECTIVES



Identify and analyze professional, socio-economic, and environmental issues that motivate the industry internationally in various companies with high technological potential



Establish the key solutions put in place to face the different challenges of the 21st century according to the selected thematic.



Develop international relationships with industry actors, allowing future students to gain international experience.



To discover and study different educational approaches within academic engineering institutions.

OUR NEXT DESTINATION



This year, Technological Missions LÉTS GO have chosen Mexico as their destination.

Mexico is not only a country with many opportunities to develop ties with the industry, but it also has a quality higher education system, with many renowned universities offering a wide variety of academic programs. By choosing Mexico, we support partnership initiatives between Mexican universities and ÉTS and between Mexican industries and Quebec/Canada. LÉTS GO Technological Missions welcomes this opportunity to discover and explore the richness and cultural and technological diversity that Mexico has to provide us.

KEY NUMBERS

- 2nd largest economic power in Latin America
- 15th largest economy in the world
- 1st world silver producer (9th for gold)
- 14th largest oil producer

MAIN INDUSTRIES

- Oil
- Aerospace
- Automotive
- Minerals and metals
- Software and computer science

REGION OF INTERESTS

- Mexico City
- Quérétraro
- Guadalajara

OUR THEMATICS

In order to give an interesting dimension to each of the editions and to orient the readings and discussions during the meetings made by the students, the team chose to approach its visits under a current theme which can reach all the companies.

Our thematic for Mexico 2023 edition is:

- **Tomorrow's engineering** through its human and technological dimension

HUMAN DIMENSION

We wish to understand what knowledge, skills (expertise) and attitude (soft skills) the next generation of engineers will need to master to meet the new challenges of tomorrow's Society.

- Will we have to train humanistic engineers who are concerned about environmental and socio-economic issues?
- What will be society's expectations in the coming decades?
- What will be the motivations, qualities, and profile of tomorrow's engineers?



China 2017



France 2022

TECHNOLOGICAL DIMENSION

We also want to identify the technologies that will help the next generation deliver the innovation projects of tomorrow.

- Artificial intelligence
- Digital twin
- Big data
- Alternative materials and green energy

COMPANIES AND UNIVERSITIES VISITED

Missions have been held with great success in Denmark (2012), Sweden (2013), Germany (2014 and 2019), the United Kingdom (2015), Japan (2016), China (2017), the Canadian-American West Coast (2018), and France (2022). Below is a list of some of the partners who have hosted students from previous editions and thus contributed to the development of tomorrow's Quebec engineers.



Foster + Partners



SIEMENS

ALSTOM

TESTIMONIALS

"The mission not only accentuated my desire to study abroad but also made me realize how all areas of engineering are interrelated and can be used to contribute to the well-being of our planet."

- Chiara Iacovella, France 2022

"This unforgettable international experience allowed me to discover the international world from a new perspective, obtain a great internship opportunity in Europe, deepen my knowledge, and value my place and that of everyone within a team and a new family." - Ayoub Oukal, France 2022

"This experience was for me a door to the international engineering field. In addition to allowing me to obtain an internship in France, the technology mission was a professional and personal learning opportunity within a team of students all passionate about their field." - Félix Lefebvre, France 2022

OUR FUNDING

Our project requires a total budget of nearly \$60,000, including travel expenses, accommodation, etc., for two weeks. Although each member of the team is personally involved in this educational project, the realization of each of the LÉTS GO Technological Missions would not be possible without the help of our industrial partners and the business community.



France 2022

By participating financially in the realization of the LÉTS GO Technological Missions, our partners recognize the importance and the necessity for future engineers to have an open-mindedness to the world, good communication skills, especially in an intercultural context, and leadership skills. Our partners also support knowledge sharing, international student involvement, life skills, professional development, and the growth of tomorrow's engineers and innovators.



A strategic partnership with the Technological Missions LÉTS GO allows you to distinguish yourself within the ÉTS community. By investing in the next generation of engineers, your company will significantly increase its corporate influence. Your organization will benefit from high visibility among the university community, students, graduates, industrial partners of ÉTS and the general public, in addition to numerous opportunities to recruit interns or engineers trained at ÉTS.

VISIBILITY PLAN

	ÉTS PARTNER ¹				
	DIAMOND ⁵	PLATINUM	GOLD	SILVER	BRONZE
	7 500\$ +	5 000\$ +	2 500\$ +	1 000\$ +	500\$ +
Insertion of a word of encouragement from your organization in our report and the next edition's communications/partnership plans	✓				
In person/virtual tour of your company and picture with our members	✓				
Exclusive one-day sponsor during the international trip ²	✓	✓			
Display of your logo on promotional displays ³	✓	✓			
Display of your logo in our mission's report	✓	✓			
Personalized thank you video during our stay abroad	✓	✓			
Invitation and presentation of our report at an event upon our return	✓	✓	✓		
An article on your company on the Technological Missions LÉTS GO's website blog and unique sharing on social networks	✓	✓	✓		
Personalized commemorative plaque with logos, photos and a thank you note highlighting your precious help to the project	Large plaque	Medium plaque	Small plaque		
Display of your company's logo, contact information and links on the Technological Mission LÉTS GO's website	Home page	Large Logo ⁴	Medium Logo ⁴	Petit Logo ⁴	
One-time publications thanking your company on our social networks and website	✓	✓	✓	✓	
Submission of our mission's report	✓	✓	✓	✓	✓
Invitation to our launch party	✓	✓	✓	✓	✓

¹ Find the full benefits of being an ÉTS Partner on www.etsmtl.ca/fdets.

² Exclusive mention and appreciation of the sponsor in all activities related to this day (visits, publications, articles, etc.)

³ Before our mission.

⁴ On our "Our Partners" page.

⁵ For sponsorships of \$10,000 or more, in addition to being an ÉTS partner, we offer you the possibility of amortizing your sponsorship over several editions by giving us, for example, \$7,500 the 1st year, \$5,000 the 2nd year and \$2,500 the 3rd year for a total sponsorship of \$15,000. Each year, we will consider the level of sponsorship (diamond, platinum, gold, silver or bronze) according to the total value of the sponsorship (\$15,000 in the previous example) which will apply to each of the annual visibility plans over the duration of the sponsorship (3 years in the previous example).

OUR TEAM 2023

Project Management



Alexandre-Xavier Panu-Bule
Bachelor Automated Manufacturing
Engineering



Raphaël Chapdelaine
Bachelor Mechanical Engineering

Finance Management



Alvaro Eduardo Lizano-Arancibia
Bachelor Mechanical Engineering



Émeline Nakoulima
Master in Urban Infrastructures
Engineering



Hugues Breton
Bachelor Mechanical Engineering

Communications Committee



Florent Le Gac
Bachelor Construction Engineering



Sadia Hussain, CEP
Bachelor Software Engineering



Kévin Faivre
Bachelor Mechanical Engineering

Logistic Comittee



Alejandro Rodriguez Hernandez
Bachelor Construction Engineering



Vincent Chouinard
Bachelor Mechanical Engineering



Gustavo Adolfo Jarquin Romero
Bachelor Mechanical Engineering

OUR TEAM 2023 (following)

Administrators



Isabelle Fortier
Outgoing Mobility Officer
International Relations Department



Michaël Sarrazin, CEP
Master in Telecommunications Network
Engineering
Co-leader Mexico 2023 Edition



Tassada Boukherroub, Ph.D., eng.
Professor
Systems Engineering Department



Nicolas Carrier
Bachelor Construction Engineering
Co-leader Mexico 2023 Edition





SUPPORT STUDENT INITIATIVES FOR INTERNATIONAL COLLABORATION

THE DIFFERENTIATING FACTOR

Our student engagement and interest in international engineering motivate us to create international collaboration channels for the transmission of innovative ideas and the creation of cooperation (competitive cooperation) links between industries and institutions.



West Coast 2018

CONTACT US

ISABELLE FORTIER

Outgoing Mobility Officer
International Relations Department
École de technologie supérieure
isabelle.fortier@etsmtl.ca

MICHAËL SARRAZIN, CPI

Co-leader Mexico 2023 Edition
École de technologie supérieure
michael.sarrazin.1@ens.etsmtl.ca

NICOLAS CARRIER

Co-leader Mexico 2023 Edition
École de technologie supérieure
nicolas.carrier.2@ens.etsmtl.ca



missionstechno.etsmtl.ca



missionstechno@etsmtl.ca



facebook.com/missionstechno



instagram.com/missionstechno