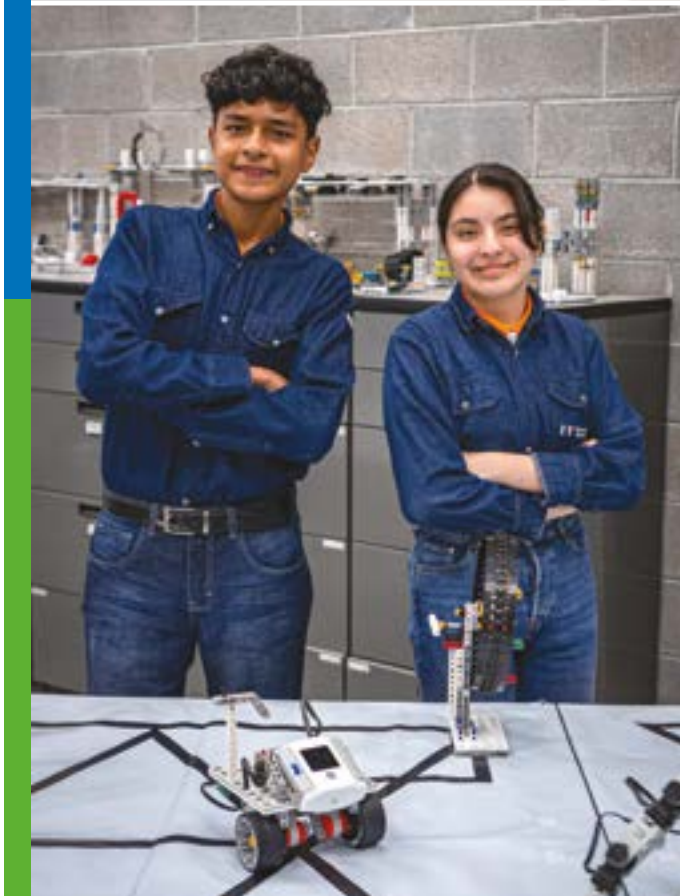




2022 ANNUAL REPORT

# Community Relations



Our vision of Community Relations reflects the industrial values that have underpinned the Techint Group's activities for over 70 years.

We seek to contribute to sustainable development in the communities where we operate through education and culture programs.

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# Letter from the President

Since the Techint Group was founded, its core ethos has been centered on achieving growth alongside its neighboring communities, developing education as a key tool for individual and social progress.

Each one of the educational programs we undertake is part of our overarching global project. This is why, in June 2022, we decided to bring all our projects together under the name of the Roberto Rocca Educational Programs. These include the Roberto Rocca Technical Schools (ETRRs), Roberto Rocca Technical Gene, Roberto Rocca After School, and the Roberto Rocca Scholarships. The new branding reinforces their shared identity, creating a deeper connection with the Techint Group of companies and creating synergies that enhance program scope and impact.

In 2022, as schools resumed in-person educational activities, we focused our efforts on strengthening each one of our programs. Our educational proposals have since reached over 55,500 people, double the number achieved the previous year.

We continue to support technical education in the different countries where we operate. In this vein, the Campana ETRR partnered with the German automation companies FESTO and Siemens to qualify as the first school in Argentina offering Industry 4.0 certifications to young people from the community, enhancing their job prospects. Similarly, the Pesquería ETRR qualified as the first FESTO and SOLIDWORKS Certification Center in the state of Nuevo León, in Mexico.

Furthermore, final-year high-school students at technical schools were able to resume in-person internships at our industrial facilities, with a renewed focus on safety.

In Cartagena, Colombia, we helped overhaul a technical school, introducing new courses in partnership with the national learning system SENA, contributing to improving job opportunities at local industrial companies for young people from the community.

Additionally, in order to continue providing support to young people who show commitment and merit during the course of their studies, we significantly increased the number of Roberto Rocca Scholarships awarded compared with the previous year. We awarded a total of 3,658 scholarships to high-school students, university students and doctoral students in 17 countries.

We created an online Educational Campus, customizing high-quality training courses for users in a digital learning environment, free of charge. We also launched our [www.robtorocca.org](http://www.robtorocca.org) website to share our global education project, including articles and best practices.

I am convinced that education is the principal driver for transformation in today's society, as it plays a key role in stimulating progress and social mobility. The support we provide to encourage merit and talent in our communities is vital to promoting equal opportunities and achieving sustainable development in the long term.

Cordially,



**Paolo Rocca**

President of the Techint Group

# Executive Summary

For the last seven decades, the Techint Group has pursued an active commitment to promoting inclusive and sustainable growth and development in the communities where we work and live. Education and culture lie at the heart of our actions, since they are the motors driving individual and social progress and fostering equal opportunities.

The values underpinning the Techint Group's educational programs are excellence, innovation, transparency, safety and environment, and collaborative work.

During 2022, we invested USD 32.4 million in 19 countries, mainly in educational and cultural programs, involving over 421,000 people. In addition, in response to the humanitarian crisis in Ukraine, we set up a fund through European NGOs to support hospitals in the country with medical equipment and supplies. The aim was to help guarantee medical care for the victims of the conflict and provide food to the civilians affected.

In our mission to foster a culture of care for the environment and raise awareness of the importance of sustainability, we are working with the Rewilding Foundation for its project in Iberá, in the province of Corrientes, Argentina. In 2022, after the fires that consumed 170,000 hectares of this National Park, the Techint Group donated materials and equipment to rebuild the facilities and fencing destroyed in the blaze.

## All our programs under one banner

Our educational programs share the long-term strategic vision of the Techint Group, with a strong emphasis on technology and innovation. The focus is on the development of STEM (Science, Technology, Engineering and Math) knowledge, social-emotional skills, and literacy among children and adolescents. In 2022, we decided to commemorate the work of one of the Techint Group's founders, Roberto Rocca, and unite our educational programs under his name.

Roberto was convinced that education plays a vital role in people's development, driving social mobility and creating opportunities for growth. He transmitted these beliefs to the Techint Group throughout his life and today, they are the core values guiding our actions in each of the places where we are present.

## Accompanying people throughout their education

Our programs span the entire educational pathway, from primary level to university and doctoral level, helping children and young people to fulfill their potential and become active contributors to society.

As a way of opening up our educational offer to buttress community development and training, in 2022, we launched the Roberto Rocca Educational Campus. The Campus makes online training available free of charge to students, educators and families in a modular and personalized learning environment, offering quality content. We also created the website [www.robtorocca.org](http://www.robtorocca.org) to share our global education project, educational articles and best practices.

At the heart of our educational enterprise are the Roberto Rocca Technical Schools (ETRRs). Designed to act as Education Hubs, they offer technical training and certifications to both students and educators, as well as teachers and young people from other technical schools in the community.

The approach taken by the ETRRs uses innovative teaching methods and technologies to create learning environments aimed at enhancing individual abilities and improving their employability profile.

During 2022, both schools shifted to a new and innovative educational approach dovetailing with the Project-Based Learning (PBL) model involving the redesign of educational spaces.

These changes also sought to increase student numbers in order to offer children more opportunities, making educational facilities and resources more widely available to the rest of the community.

With this objective in mind, the ETRRs partnered with the German automation companies FESTO and Siemens, and duly qualified as technical training centers, improving the employment prospects of young people in their communities.

The Roberto Rocca Technical Gene program focuses on strengthening learning by teaching through innovation and technology. In 2022, 10,919 young people received training overall, and 385 final-year students at technical high schools completed professional internships at our industrial plants, while 1,252 undertook technical projects to put theory into practice.

The Roberto Rocca After School seeks to develop STEM and social-emotional skills in students aged 6-15 years. Last year, we incorporated a school in Montevideo into the program, expanded the number of vacancies in other communities, and launched the first edition of the program for students from six high schools in Mexico, at the Pesquería ETRR facilities.

Likewise, we reinforced the educational offer for Math and Literacy skills, with a special focus on the latter for students with greater difficulty in reading and writing. Thanks to the program, children increased the standard of their Math abilities by 7% and Literacy skills by 27%, based on College Board measurements.

Our Roberto Rocca Scholarships program seeks to reward academic merit and commitment to learning among young people at high school, university and doctoral levels. As regards high-school scholarships, in addition to academic excellence, the selection criteria now includes an evaluation of the applicant's family socioeconomic background, as part of our drive to promote equal opportunities, in the belief that quality education is central to upward social mobility.

In 2022, we awarded 2,954 scholarships to high-achieving secondary-school students, 692 scholarships to undergraduates, and 12 to PhD students studying outside their home country.

## Promoting art and culture

Through the Fundación PROA, in Argentina, and Fondazione Dalmine in Italy, we disseminate culture through exhibitions and artistic activities. In 2022, over 100,000 people visited the PROA Foundation, while the Dalmine Foundation attracted more than 3,000 visitors to its facilities and over 14,000 students and teachers took part in its educational programs.



We contribute to the following Sustainable Development Goals:



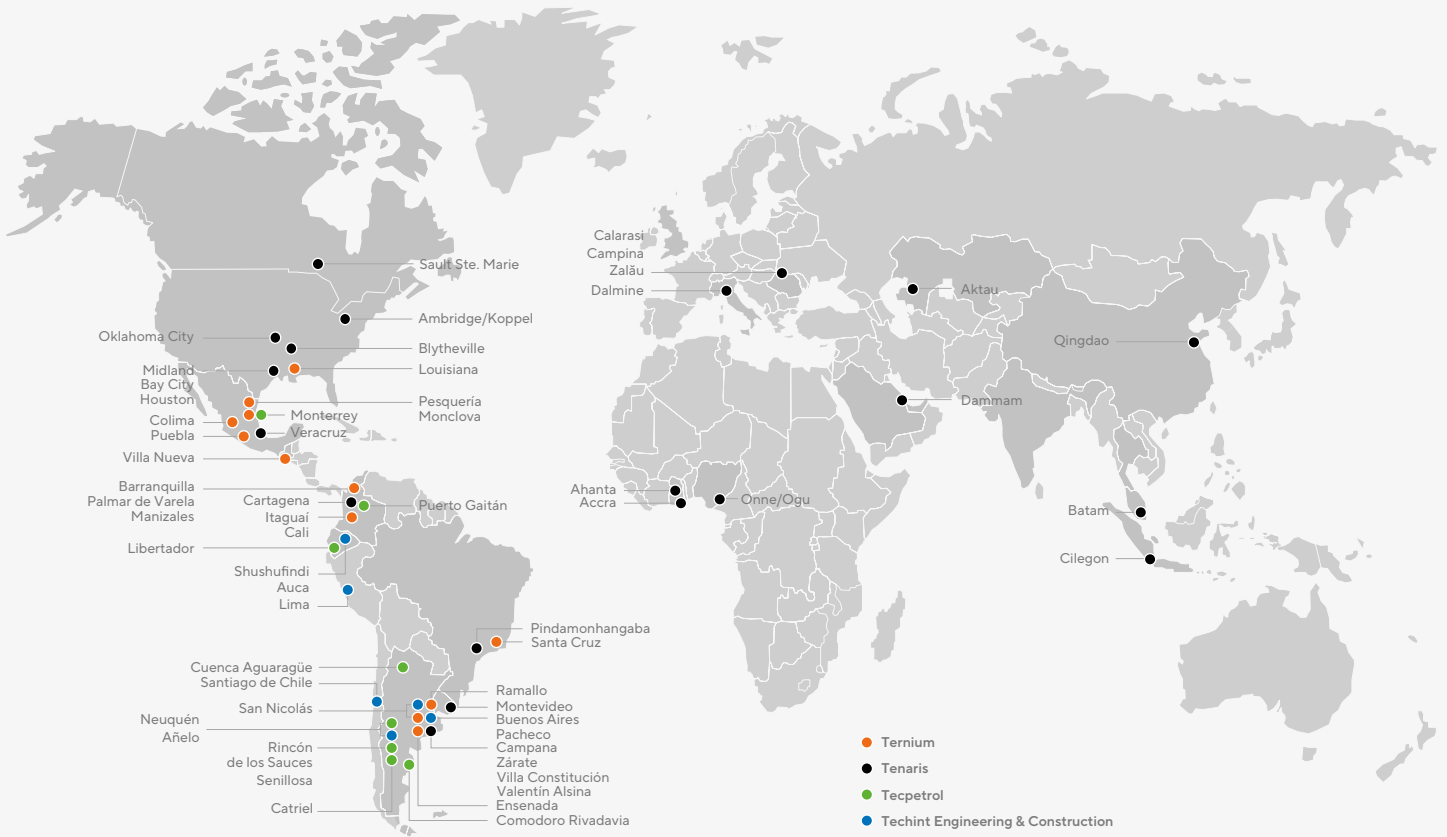
Through the Roberto Rocca Educational Programs, we contribute to sustainable development at grass roots level. Our focus is on SDG 4, as we believe that when people have access to quality, inclusive and equitable education, they can escape the cycle of poverty and help contribute to other SDGs.

Our programs promote 21<sup>st</sup> century skills, such as collaboration, critical thinking and problem solving through innovation, enabling participants to transform their own reality, while retaining a well-grounded sense of community.

Intrinsic to our industrial vocation is our determination to ensure our programs reach people in disadvantaged situations, with an emphasis on gender equality, contributing to SDGs 1 and 5. Our task is to help people access decent jobs (SDG 8) through quality and comprehensive STEM and technical education, and guide society towards sustainable industrialization through technological innovation (SDG 10).

# In numbers

## Communities by company



**19**  
countries

**58**  
communities

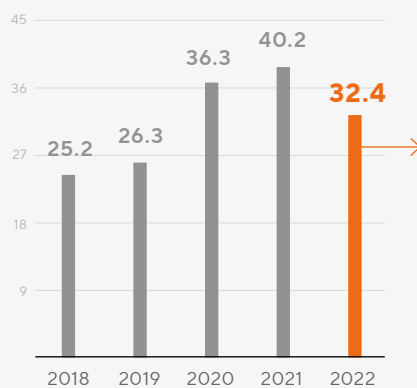
USD  
**32.4**  
million  
invested

**55,508**  
people involved  
in educational  
programs

**365,604**  
people involved  
in cultural  
programs

### Annual investment

In programs implemented in the communities in 2022 (in USD million)



**23.6** Education

**5.4** Culture

**1.0** Health

**2.3** Other areas

In 2020 and 2021, USD 25.1 million was invested to strengthen the health infrastructure in our communities and help them respond to the COVID-19 pandemic.

The bars do not include investments in the construction and equipment of the Roberto Rocca Technical School in Argentina, which came to USD 28.2 million (2013-2018), the ETRR in Mexico, of USD 30.1 million (2016-2018), and in Brazil, of USD 7.2 million in 2022.



# Global Programs

## Escuela Técnica Roberto Rocca

Promoting academic excellence and equal opportunities at our schools.

Campana, Argentina (2013)

**USD 4.2 million** invested

**436** students

Pesquería, Mexico (2016)

**USD 3.6 million** invested

**371** students

## Roberto Rocca Technical Gene

Strengthening Industry 4.0 skills and knowledge in technical schools.

**USD 3.8 million** invested

**12,632** students and teachers

**42** schools

**22** communities

**8** countries

## Roberto Rocca After School

Driving the development of STEM and social-emotional skills among children aged 6-15.

**USD 2.6 million** invested

**1,789** students

**14** schools

**10** communities

**7** countries

## Roberto Rocca Scholarships

Supporting young people at secondary, university and PhD levels for their academic excellence and commitment.

**USD 2.7 million** invested

**36** communities

**17** countries

**High-school scholarships**

**2,954** students awarded

**327** schools

**University scholarships**

**692** students awarded

**92** universities

**Doctorate scholarships**

**12** students awarded

**10** universities



## Volunteers in Action

Company employees working together to transform their communities.

**USD 1.2 million** invested

**2,172** volunteers

**38** schools refurbished

**11** countries



## Film Festivals

Promoting the culture, diversity and identity of our communities.

**USD 480,000** invested

**13,419** spectators

**14** communities

**6** countries



## Photo Library

Bringing the history of our communities to life through our photography exhibits.

**USD 99,000** invested

**8** communities

**5** countries

## PROA

Contemporary art and culture.

**102,200** visitors and participants

in online cycles and visual shows

**9** international exhibitions



## Fondazione Dalmine

Stewardship of the Techint Group's historical heritage.

**3,014** visitors

**14,043** students and teachers took

part in educational programs

## Toni "el Suizo" Ruttimann's bridges

Since 2001, Toni has built **887**

bridges linking over **2 million**

people in countries such as Ecuador,

Indonesia and Myanmar.

# Our protagonists



“**Redesigning the spaces was a great innovation, as it pursued the clear objective of adapting to change, to the future. I think this approach should be taken in most schools. It helps to give you a broader perspective on things.**”

## Juan Segundo Quiroz

ETRR Graduate, Campana

Juan graduated from the Campana ETRR in December 2022 as an electromechanical technician. He defines his experience at school as *“super fun, with lots of enriching projects and activities. An adventure creating the desire and energy to do things, where I lived each day with great enthusiasm to find new things out.”*

Some of the values that he’s learned from the ETRR are quality, persistence, finding different approaches to solve a problem, and new ways of thinking and seeing things. These values were strengthened with the 2022 spatial redesign project aimed at encouraging innovation, autonomy and collaborative work.

For Juan, *“when learning isn’t something packaged in a strict structure but is varied, it makes education a more inclusive and liberating experience. Learning becomes something autonomous, where everybody adapts their processes in line with their times and needs.”*



“**The program helps you acquire lots of highly practical knowledge. The teacher made Math look so easy, it encouraged me to keep studying. It’s a wonderful experience, hard to find it elsewhere.**”

## Luis Eduardo Ariza González

Participant of the Roberto Rocca Technical Gene program, Cartagena

Luis was studying Electricity as his special subject at the Bertha Suttner School in Cartagena, when in 2021, he joined the Roberto Rocca Technical Gene program. The pandemic had obliged the program to adapt its entire process to an online format, but by the middle of the year, they were able to go back to in-person classes. *“The coordinators always had an eye out for us, not only in terms of protecting us from COVID-19, but also as regards helping us with the projects and materials we needed.”*

Each group was tasked with developing a project aligned with the SDGs. Luis and his colleagues chose SDG 7: Affordable and clean energy. His initiative was about providing the school’s outdoor facilities with lighting, generating photovoltaic energy by installing solar panels, a battery and a power inverter.



“

**The Math teacher does dynamics, which is what I enjoy the most. He explains how the processes work, asks questions, we brainstorm together, and we dive into the topic. We also swap places in the classroom which helps us socialize more.”**

**Andrea Mayte Castellanos Salazar**

Participant of the Roberto Rocca After School program, Pesqueria

Andrea is 14 years old, a 3<sup>rd</sup>-year student at the Eugenio del Hoyo 124 School. After attending a talk on the Roberto Rocca After School program, she returned home with great excitement. *“I told my mom I wanted to do this, that I was going to make every effort possible, and then I managed to enter the program!”*

Andrea is a passionate reader, and regularly borrows books from the Pesqueria ETRR, which is where the workshops are held. She believes that reading helps her to speak better and more fluently.

She’s particularly keen to find out more about the latest developments in systems, technology and robotics. *“We took a 3D modeling and design class that I loved!”* She also wants to see innovations that can contribute to improving community life without affecting the environment. In short, her expectations of the Roberto Rocca After School program are high—and her path is only just beginning.



“

**The scholarship not only helped me economically. I visited Ternium’s laboratory once a year, shared the progress of my thesis, and found that the recommendations of colleagues were very useful for my research process.”**

**Daniel Olguin**

Roberto Rocca Scholar, Ph.D at the University of Sheffield, England

Ever since he was a child, Daniel liked to take things apart and put them back together again, something he used to do with the Meccano construction set his father gave him. Brought up in Monterrey, a largely industrial city, he was drawn to engineering and in 2008, he started working at Ternium. Ten years later, enthused, he decided to specialize and moved to the UK to do a Ph.D in Materials Science and Engineering. Although he already had a grant, he found out from some colleagues that the Techint Group also offered scholarships, so he duly applied.

Daniel held the scholarship for four years and, at the start of 2023, returned to Ternium as a Research Manager. He encourages people to apply for the scholarships, *“because the Group is keen to increase people’s knowledge and develop new products sought by the market which also benefit the community.”*

# Roberto Rocca Educational Programs

# Roberto Rocca Technical Schools

Our Roberto Rocca Technical Schools Network trains young people to meet the highest standards of professional and human excellence in the technical world, able to face the challenges of industry today. Constant innovation and a close relationship with the productive sector enable us to share training and projects with other schools in the community



**807**

students  
awarded



**1,820**

people  
trained



USD

**7.8**

million  
invested

In 2013, we inaugurated the first ETRR in the city of Campania, and in 2016 opened the second one in Pesquería, Mexico.

The educational model of the ETRRs pivots on four pedagogical aspects, aimed at creating a positive school climate and a solid culture of safety and digital learning: these are academic excellence, active learning, experiential learning and collaborative learning.

## Our students

The ETRRs between them have 807 students: 68% are men and 32% women, and, including the class of 2022, a total of 633 students have graduated, of which 86% are studying or working. Additionally, 93 of our graduates work at Ternium or Tenaris.

## Redesign of spaces

The spatial redesign project carried out last year at the Campania ETRR, currently underway at Pesquería, strengthens our PBL-based Educational Model. This novel approach was introduced at the ETRRs in 2017, inspired by its success in the learning communities of the High Tech High schools network in California (U.S.) and the PBL Works organization, which includes a strong STEM component. The redesign project also sought to optimize the use of space so that more students could access school facilities and attend activities.

The main thrust of this initiative was to provide more children with opportunities, making educational facilities and resources at both ETRRs available to the rest of the community by offering training to students and educators from other local technical schools.

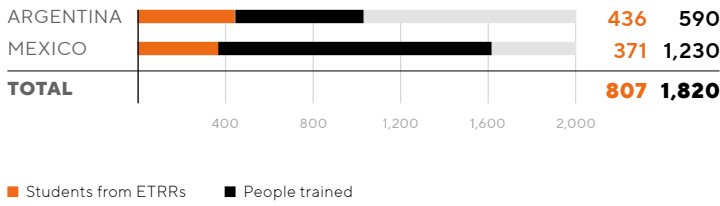
Danish architects Rosan Bosch Studio, with expertise in creating innovative learning environments for schools, were hired to reorganize classrooms and common areas into learning nodes, enabling students and educators to work together with a collaborative, active PBL approach. The nodes are: technical and technological; movement and health; STEM, nature and sustainability; citizenship, art and communication.

## Project-Based Learning

The annual PBL process wound up this year with the Student Projects Open Day, where a total of 461 initiatives were presented. At Campania, 170 projects were exhibited, including an ultrasonic assistance system for nighttime drone landings, the robot representing Argentina in the Robotics World Cup and an electric guitar made in the school's workshops.

The PBL exhibition in Pesquería showcased 291 projects, including a number of technological devices for domestic appliances to help people save energy in their homes.

## Students and others trained at the Roberto Rocca Technical Schools network



### Professional on-the-job internships

55 students from Campana and 95 from Pesquería did internships in companies and institutions in their community, where they worked on educational projects with a technological focus to develop solutions to real problems in the industry. One singular project carried out by a Campana student was building the quadbike that placed 3<sup>rd</sup> in the Dakar Rally 2023. In Pesquería, a young man invented a gas leak detector to wirelessly pinpoint the exact location of leaks at the plant, safeguarding workers’ health and safety.

### ETRRs qualify as Certification Centers

With the support of Tenaris, Siemens, and the German industrial automation company FESTO, the Campana ETRR opened its first FESTO and Siemens Certification Center in Argentina for people from the community keen to improve their employment prospects, as well as youth from the region and students from the Roberto Rocca Technical Gene program. Nine educators qualified to teach workshops and over 90 students were certified in December 2022.

The Pesquería ETRR became the first SOLIDWORKS and FESTO Certification Center in the state of Nuevo León. Nine educators qualified to teach workshops and 32 students took the course and were certified.

### Participation in international contests

Five young people from the Campana ETRR qualified to represent Argentina in the FIRST Global Challenge, a yearly Olympics-style robotics competition organized in Geneva, Switzerland.

### ROBERTO ROCCA EDUCATION DAY

To mark the centenary of the birth of Roberto Rocca, one of the founders of the Techint Group, in 2022 we established June 10 as our “Education Day”, holding events simultaneously in Argentina (Campana), Brazil (Pindamonhangaba and Santa Cruz) and Mexico (Pesquería and Veracruz).

The Campana ETRR hosted a conference to present and share innovative practices from the latest pedagogical research, with contributions from international experts as well as members of the community.

The Pesquería event centered on the award of 747 Roberto Rocca Scholarships to secondary and university level students. Scholarships were also awarded to students from the Pesquería ETRR as well as young people from 18 schools in the communities of Colima, Coahuila, Michoacán, Nuevo León and Puebla.

Also, 86 students competed in Math, physics, and technology contests, with several receiving special mentions.

Eight Pesquería students entered the SESI FIRST® LEGO® League International Open Brazil robotics competition in Rio de Janeiro.



**Having certifications such as the one from FESTO helps us to be more competitive in the industry.”**

**Hiram Jaime Martínez Cavazos,**  
Pesquería ETRR graduate, Mexico.



“

The most important thing about the redesign of our school was that now it has more open spaces, and we've shifted from the traditional classroom set-up to areas which make it easier to work individually and come together for teamwork.”

**Delfina Mosqueira,**  
Campana ETRR graduate,  
Argentina.



CAMPANA – ARGENTINA



PESQUERÍA – MEXICO



## Community integration

Both schools provided intensive Math and Language courses for students from their local communities (431 in Campana and 363 in Pesquería), to boost their knowledge and skills prior to entering secondary and upper-secondary school levels.

Eleven students presented projects at Expociencias and the Mexican Science and Engineering Fair: two placed first and one received a distinction.

Additionally, a young woman from the Pesquería ETRR competed in the University of Monterrey's "Train to Transform" call for proposals with her project for a "Center for innovation, robotics and inspiration".

### Training for excellence

Providing continuous training for our educators is a priority for us as we seek to ensure quality in the implementation of the educational model imparted by the Roberto Rocca Technical Schools Network. Both ETRRs held extensive teacher training sessions to explore new ways of teaching and learning in the new student-centered spaces, seeking to develop student autonomy, PBL, and positive discipline.

At the Campana ETRR, 95 students and 64 teachers from technical schools received training, while at the Pesquería ETRR, 231 high-school students took part in activities to strengthen Math skills, and 636 Ternium employees gave technical training sessions.

Teachers at the Campana ETRR invested over 2,000 hours in their professional development, while those at Pesquería received 4,500 hours' worth of training.

### Testing and evaluation

Both ETRRs are involved in regular Math assessments to benchmark student learning standards. The assessment is held at the beginning, middle and end of their studies, and is similar to the OECD's Programme for International Student Assessment, PISA. The tests help to evaluate how much the students of both ETRRs have learned, as the questions asked in 10<sup>th</sup> and 12<sup>th</sup> year have the same level of difficulty.

The assessments measured the learning acquired by 605 students, and the results showed an average improvement of 23% in their test scores.

As regards the Campana ETRR, the assessment results are not only a testament to the establishment's high standards of academic excellence, but also demonstrate how its approach can counteract the effects of socioeconomic origin. By the time students from some of the most vulnerable low-income sectors finish their schooling, they are often at the same level as, or even overtake, those from more advantaged backgrounds.

The ETRR is evaluated by the Austral University as part of its assessment of educational standards in private schools of medium-high socioeconomic level in the province of Buenos Aires. In Math skills, students from the Campana ETRR frequently match or surpass others from more advantaged social backgrounds.

At the Pesquería ETRR, the standards of educational quality can be seen in the results of the local evaluation exercises. Its students took the tests held by the TEC de Monterrey to select the scholarship winners for its Leaders of Tomorrow program, and achieved scores that were 38% higher than the group of applicants from other institutions in Nuevo León.

### Opinion polls

Students, parents, teachers and staff are frequently consulted and asked to share their opinions about the way each school is run, and other factors contributing to the school climate. In 2022, 1,376 people responded to the survey, 5% more than the previous year. The average positive assessment was 79% for both schools. The results and detailed answers are taken into account by the ETRR management teams when drawing up their action plans.

“

Thanks to Technical Gene's Safety course, we learned lots of new things, such as how to identify an accident, and the telltale signs revealing risks in the workplace. These are all things we can apply at home and in our daily routines. We must always be alert and look after ourselves.”

**Axel Antonio,**

Student in the Machinery and  
Tools course, Conalep I, Mexico.



# Roberto Rocca Technical Gene

We strengthen technical secondary education in the community, helping to train people in Industry 4.0 skills by offering industrial internships and training to students, and upgrading equipment and infrastructure for educational institutions.



**12,632**

students and teachers on the Program



**42**

schools in 8 countries



USD

**3.8**

million invested

We renewed our focus on deepening educational content, designing Math, Technical Knowledge and Industrial Safety courses for educators and students; and we resumed in-person internships at companies and plants in different countries.

## Technical skills

We refurbished 17 technology classrooms, equipping them with the latest tools and equipment to strengthen student skills in Aguaragüe, Comodoro Rivadavia, Neuquén, Ramallo, San Nicolás and Zárate. This included three Robotics and Industrial Automation classrooms in Ramallo. We also opened a multipurpose hall of over 1,500 m<sup>2</sup> at a school in San Nicolás. In Aguaragüe, we donated Pneumatic equipment to help students gain practical experience in the workshops, and renovated two labs at a school in Santa Cruz.

We partner with FESTO to train and certify educators and students in Automation, imparting skills in Electro-pneumatics, Pneumatics and PLC at workshops equipped by us for this purpose. These qualifications are key for the professional development of both educators and students, enhancing their employability. In 2022, 195 students from schools in Campana, Ramallo, San Nicolás and Zárate were trained at workshops at the Campana ETRR and the National Technological University, and another 62 in Santa Cruz and Pindamonhangaba.

In Calarasi, we launched our three-year Dual Education program for 12 students working on theoretical studies at school so they could develop practical applications at the TenarisSilcotub plant, overseen by their tutors.

In order to strengthen the skills levels of students learning Electricity, Mechanics and Electronics, we drew up agreements with TenarisUniversity and Ternium University to take advantage of their educational offer and instructors.

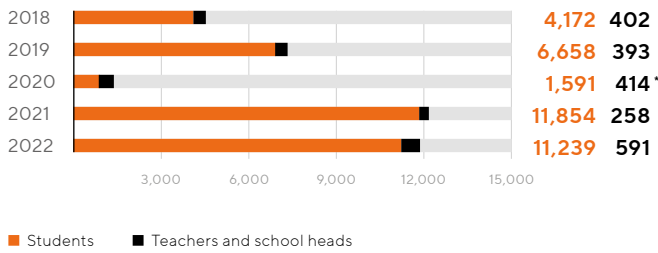
Technical skills training was also provided in Campana, Cartagena, Comodoro Rivadavia, Dalmine, Monterrey and Zalău.

## Educational Math

In Argentina, Brazil, Colombia, and Mexico, we rolled out a wide-ranging plan, with new content design and training modules, focused on strengthening Math skills.

We set up learning communities, and a total of 155 educators took part in the program. The teacher training experience culminated with practical dynamics in the classroom involving a total of 2,391 students, showing improvements of around 30% regarding the knowledge acquired to work on each activity.

### Students and teachers of the program



(\* The Technical Gene program is applied at public schools in our communities lying outside the area of influence of the Techint Group. This meant that during 2020, the operation of the program was limited.

We also held Math assessment tests for final-year students at technical schools in these four countries to smooth their path toward growth and improvement at these institutions. In 2022, we assessed 1,431 young people, who achieved average scores of 45 points out of 100, an overall improvement of 7% in their performance compared with the results of the previous year.

#### Industrial Safety

443 final-year students at high schools in the communities of Cartagena, Santa Cruz and Zaláu received training in Industrial Safety.

This was complemented by e-learning program developed thanks to the support of the Roberto Rocca Technical Schools, and the HSE teams from Tenaris and Ternium, aimed at teaching students about the different kinds of personal protection equipment required to work in specific situations.

#### Practices and projects

In 2022, we were able to resume industrial internships at our plants: 385 final-year students from technical schools in Argentina, Brazil, Kazakhstan, Romania and, for the first time, Mexico, did on-the-job internships. Adding a new element to the program, in Campana, 34 young people joined local SMEs as interns.

Likewise, 1,252 students from Campana, Cartagena, Comodoro Rivadavia and Veracruz developed technical projects enabling them to put their new skills into practice. Educators were trained in PBL methodology to guide young people through these practices.

The projects presented by the students included a 600-meter hydroponic greenhouse built in Campana, featuring three crops and an automated system regulating irrigation, temperature, and sunlight exposure. This project is being operated by Grupo Esperanza, an NGO that supports people with disabilities. Students in Cartagena presented a project for an aluminum compactor based on a pneumatic system, which reduces the volume taken up by aluminum cans in storage for reuse processes.

In Monterrey, 82 students participated in the first edition of Technical Gene Makers, a program designed to encourage the use of PBL methodologies as a way of solving problems that come up in the community.

#### Diversity as regards gender, life-skills and careers

In order to equip youth with tools enabling them to access better jobs, Techint Group employees gave talks and workshops to help students develop soft skills. Our Technical Gene Women program held 14 meetings for students from Veracruz and addressed a range of topics to do with increasing women’s participation and strengthening their role in the STEM universe.



PINDAMONHANGABA – BRAZIL



CALARASI – ROMANIA



### STRENGTHENING TECHNICAL EDUCATION IN CARTAGENA

In alliance with the National Learning Service of Colombia, we have been working to analyze and update the curricular offer for students at the Bertha Suttner Technical Middle School, in the Nelson Mandela neighborhood. As a way of helping young people to access more and better job opportunities, we designed three technical specialties. This involved training teachers, designing workshops, and reconditioning classrooms, equipping them with the tools required for practical work.

At the end of the 2022 school year, senior students took a test to assess their technical skills. The results showed an improvement in their scores, from 38 to 75% in Electricity, and from 46 to 64% in Mechanics.

# Roberto Rocca After School

As a non-formal education program geared to encouraging children aged 6-15 years of age to study STEM subjects through active learning, After School is a beacon of innovative educational practices in the community, helping students to develop their social-emotional abilities and 21<sup>st</sup> century skills.



**1,789**  
students  
on the Program



**14**  
schools  
in 7 countries



USD  
**2.6**  
million  
invested

The Roberto Rocca After School program for children and adolescents seeks to contribute to equal opportunities and foster progress within the communities. Built as part of an extended school day, the program is delivered in a safe environment to encourage comprehensive development, so that children can develop their potential and transform their reality by proposing solutions to local problems.

In 2022, as part of our strategy to expand the program and reach more children, we incorporated a new school in Montevideo and created more vacancies in Campana, Ramallo and Santa Cruz, resulting in a 16% rise in registration compared with 2021.

### **Towards continuous improvement**

We were finally able to resume in-person attendance and classes in all our schools in 2022. The pandemic had a profound effect on education, in particular on children from more vulnerable backgrounds, which was reflected as much in their behavior as in their academic results. Accordingly, we redesigned the program's educational offer.

In Language, we reinforced literacy classes for those children with the greatest difficulties, while for Math, we designed a catch-up course to be implemented in 2023. We have also been providing children with social-emotional education and support in general.

In Montevideo and Pindamonhangaba, students began working with laptop computers to enhance their acquisition of STEM skills and participation in PBL subjects.

After School also offers children the chance to spend more time at school in a safe learning environment. In Campana, we compared attendance rates between children in the Program and those not, and observed that 1<sup>st</sup> to 4<sup>th</sup> graders participating in After School attend school some 30 days more per year than their peers not in the program.

### **Articulation in Pesquería, Mexico**

As part of our strategy to develop closer ties with our Pesquería community, in July we launched a primary-level education program at a school with 221 pupils from extremely vulnerable backgrounds.

We also held the first edition of the program for high-school students, reaching 438 students from six schools who attended activities hosted at the Pesquería ETRR.

This strategy dovetails with our objective of contributing to children's all-around education, so that they can go on from the primary-school stage to participate in the secondary-school program, and apply to enter the ETRR or other technical schools.

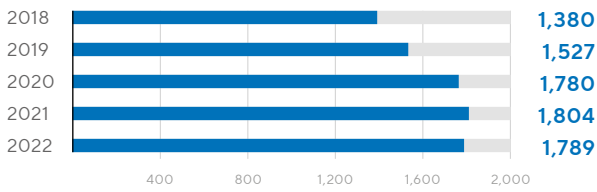
“

**I believe this program is really necessary, and will help us over time to get ready for prep school. I'd like to see more students from other schools involved, as it's such a great learning opportunity.”**

**Alicia Guadalupe Rocha Cantú,**  
student at the Roland Guzmán Flores Secondary  
School in Nuevo León, Mexico.



### Program attendance



(\*) In normal situations, the program records the number of students attending 70% or more of the activities. In 2020, 2021 and 2022, we recorded the number of all the students who carried out virtual and face-to-face activities.

### Beyond our walls

The Roberto Rocca After School Program was presented at the World Education Research Association’s global conference, an opportunity to showcase its contribution to comprehensive child development, especially for children from vulnerable backgrounds.

After School enjoys a close relationship with the other Roberto Rocca education programs at many levels, and includes regular plant visits as a way of enriching children’s first contact with the world of work and industry, and providing context and direction for the technical education they receive.

We also organize activities such as visits to fairs and exhibitions to foster greater commitment among the children, both to their community and to caring for the environment.

### Infrastructure and growth

We overhauled three classrooms at a school in Ramallo, expanding their surface area to 250 m<sup>2</sup> to take capacity from 120 to 180 students. In Veracruz, we finished rebuilding facilities at an educational center, and in Cartagena refurbished the dining room, kitchens and recreational spaces for 360 children attending the program at a local school.





## Results

We evaluate final-year students using the College Board tests to assess the standard of their Math and Literacy skills in Cartagena, Montevideo and Ramallo. Last year, the results obtained showed an improvement over 2021: students increased their level in Math by 7% and in Spanish language by 27%. There was also an improvement in the proportion of students attaining above-low results in Math, from 20 to 34%, and from 10 to 57% in the case of Spanish language.



SANTA CRUZ – BRAZIL

“

This scholarship has encouraged me to aim high. Since I'm in my senior year, I'm going to use the grant to buy some stuff for my college education, like a laptop. This is my first scholarship. I'm really excited as all my hard work has paid off!”

**Syafiq Aufa Rahman,**  
university scholar from the Roberto  
Rocca Scholarship program, Indonesia.



# Roberto Rocca Scholarships

We support young people in our communities who stand out for their excellence and commitment to academic work, to help them continue their education at secondary, university and postgraduate level.



Our Roberto Rocca Scholarship program enjoys the distinction of being the longest-standing educational scheme of all those we develop. Its main purpose is to contribute to equal opportunities and drive progress in our communities. In 2022, we awarded scholarships to 2,954 high-school students in 13 countries, and to 692 university students in 15 countries. We also awarded grants to 12 doctoral students studying outside their country of origin.

The selection process criteria take into account both academic achievements and students’ commitment to the community, with the aim of driving social mobility and fostering equal opportunities.

In 2022, we awarded 20% more scholarships than the previous year, reaching a total of 3,658 students in Argentina, Brazil, Canada, Chile, China, Colombia, Ecuador, Guatemala, Indonesia, Italy, Kazakhstan, Mexico, Nigeria, Peru, Romania, the United States and Uruguay.

When Tecpetrol joined the scheme as a sponsor, we broadened the scope of our doctoral scholarships program and incorporated new study areas, such as the Energy Transition, Decarbonization and the Environment, all of which are aligned with the priorities of the Techint Group companies.

### Return to in-person award ceremonies

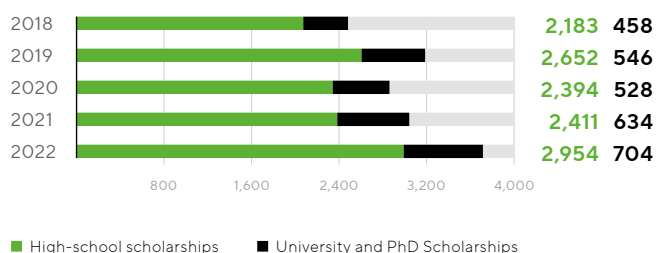
In 2022, we resumed our popular Roberto Rocca Scholarship award ceremonies in face-to-face format in our communities. In Brazil and Mexico, these occasions coincided with Education Day marking the centenary of the birth of Roberto Rocca, a Techint Group founder.

### Talks with experts

We held a new round of our Conversations with experts series, featuring two presentations attended by 423 people, including teachers, students and scholars from our education programs as well as other members of our educational communities. José Fonrouge, Ternium’s Global Environment Director, also president of the working groups COPAM in Alacero and ECO Worldsteel, spoke on “*Environment and decarbonization*”, while renowned philosopher and new media expert Alejandro Piscitelli discussed “*Jobs of the future or future of work?*”.

### Roberto Rocca Scholarships

BY YEAR



“

The school is so much nicer and cleaner. I hope all these reforms mean that people value it more. I want to continue studying here and when I grow up, I want to teach here too.”

**Kaio Gabriel,**

student at the Adalgisa Nery Municipal School, in Santa Cruz, Brazil.



# Volunteers in Action

Together with the community, our employees refurbish schools, upgrading infrastructure and furnishings to provide better learning spaces for students.



**38**  
schools  
refurbished



**11**  
countries



USD  
**1.2**  
million  
invested

In 2022, volunteer activities resumed their usual pace and rhythm, invigorated by a wave of renewed enthusiasm from our employees in different countries.

A total of 2,172 volunteers from Techint Group companies worked on projects to overhaul and refurbish schools in 11 countries: Argentina, Brazil, China, Colombia, Guatemala, Italy, Kazakhstan, Mexico, Romania, the United States and Uruguay. They upgraded schoolyards, classrooms, kitchens and dining halls, and also put in new furniture in many cases.

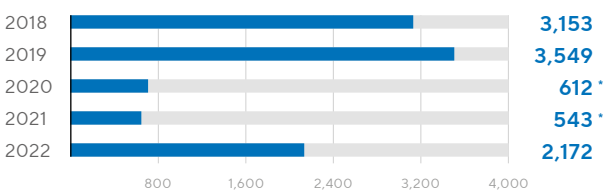
Additionally, in Mexico, 48 volunteers helped with reforestation activities at the Chipinque Ecological Park, including planting over 200 pine trees.

## Building bridges to unite communities

Working for nearly three decades, Toni “the Swiss” Rüttimann has united the lives of more than two million people in Latin America and Southeast Asia, by building suspension bridges in collaboration with local communities. To date, Toni has built 887 bridges in 13 countries, with the support of Tenaris and Ternium, which have donated 2,185 tons of pipes and 839 tons of sheet metal, respectively, for this mission.

## Volunteers in Action

NUMBER OF VOLUNTEERS PARTICIPATING



(\*) Due to the COVID-19 pandemic, the operation of the program was limited during the course of the year.

## HUMANITARIAN SUPPORT TO UKRAINE

In 2022, faced with the humanitarian crisis in Ukraine, the Techint Group launched a fund to deliver donations to Fondazione Rava, an Italian organization working with pediatric hospitals in the country, and to the Polish aid foundation Fundacja Razem Damy Radę (Do It Together), financed by SMC Holding group. The funds were used to buy medical equipment and supplies for hospitals damaged by bombings, and for other medical facilities treating and caring for victims of the conflict. Additionally, the money donated was also used to buy non-perishable goods distributed in different cities.

# Art and culture

Our art and culture programs help to develop a sense of personal and local identity, preserving memory and promoting respect for diversity.

## Fundación PROA



CIUDAD AUTÓNOMA DE BUENOS AIRES – ARGENTINA

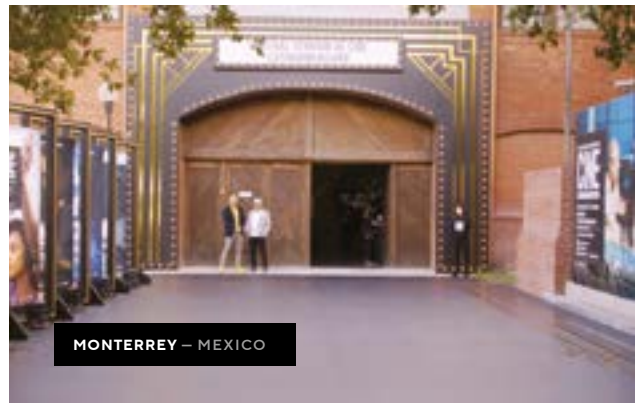
Located in the Buenos Aires district of La Boca, the Fundación PROA opened its doors in 1996 and today receives permanent support from the Techint Group companies.

In 2022, PROA presented the exhibitions *A view of this world*, *Christo and Jeanne-Claude*, *Labyrinths*, and *Anthropocene*. Likewise, a site-specific installation was presented on the sidewalk in front of the PROA building, called *Giros*, made entirely of sheet steel, transforming the public space into a new art stage.

Over 100,000 people visited the exhibitions over the year, while 2,200 took part in seminars, courses or virtual classes.

Likewise, for the third consecutive year, the Writing Promotion contest was held, receiving over 3,500 entries submitted from all corners of Argentina.

## Film Festivals and Photo Library



MONTERREY – MEXICO

These two global initiatives are a tangible reference to our objective of strengthening cultural exchange and preserving the history of our communities. In 2022, we held 18 Film Festivals for 13,419 spectators from Argentina, Italy, Mexico, Romania, the United States and Uruguay, who were able to enjoy a hand-picked selection of films to suit all tastes.

We also continued with our Photo Library program dedicated to collecting and preserving photographic material gathered in Argentina, Brazil, Colombia, Mexico and Uruguay. In 2022, in conjunction with Fundación PROA, we overhauled the Argentine Photo Library website.

The San Nicolás Photo Library was invited to give a presentation at the Nomad Photography Congress. In addition, the work to enhance the river promenade in Campana included screens featuring images from the Campana Photo Library.

“

The chance to host an exhibition like *Atos de revolta: imaginando outra história*, by Gê Viana, in Santa Cruz, where people can recognize themselves, reflect and transform their thinking using a critical approach, is truly amazing.”

**Elizabeth Manja,**

President of the *Associação Cultural Movimento Territórios Diversos*.

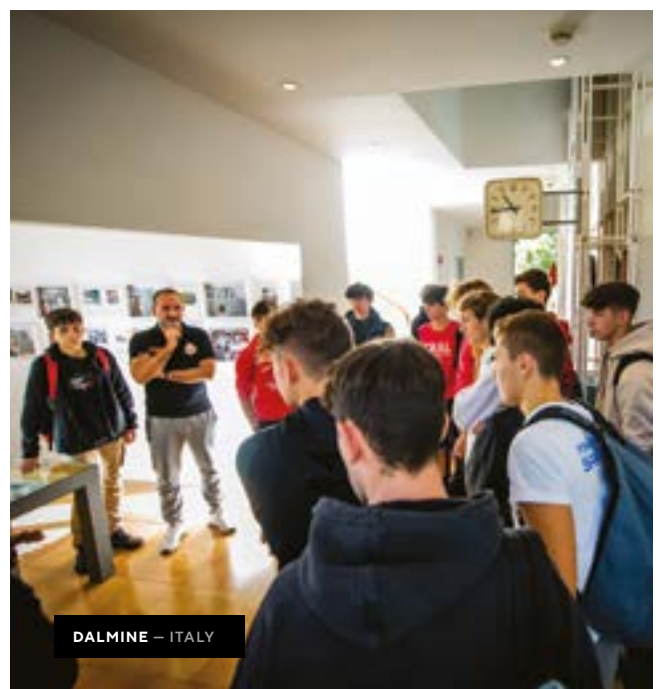


## Fondazione Dalmine

Located near the Tenaris facilities in Dalmine, Italy, the Fondazione Dalmine has been active for over twenty years, dedicated to disseminating industrial history and culture. In addition to organizing exhibitions and activities, the foundation's archive houses thousands of historical documents that tell the intricate history of the region and its people, spanning over a century.

Together with the Techint Group Archive Center in Buenos Aires, the institution has played a leading role in building and preserving a heritage of shared identities and values.

In 2022, over 13,000 elementary and middle-school students were involved in the Fondazione Dalmine *per le scuole* program, attending practical workshops on Contemporary History, Digital Media, Robotics and Technology. It also organized the *Dopo (il) lavoro* exhibition, an in-depth look at life in the Italian industrial society of the 20<sup>th</sup> century.



# Data by Country



# Argentina

**124,000**

People

**16.3**

Million (in USD)

## Education

### Global Programs

#### Roberto Rocca Technical School Campana

**100%** of students were awarded total or partial scholarships.

**436** students received **7** years of technical schooling.

**55** students did internships at **21** companies.

**170** PBL projects were presented.

**87** teachers were evaluated.

Redesign of educational spaces to promote Project-Based Learning, collaborative learning and autonomous work.

Celebration of "Roberto Rocca Education Day" with contributions from experts.

The ETRR qualified as a FACT Center to teach courses about Industry 4.0.

**5** students participated in the FIRST Global Challenge Robotics contest.

#### Roberto Rocca Technical Gene

**7,555** students and **231** teachers.

**17** technological classrooms built.

**21** schools refurbished.

New multipurpose classroom of over **1,500** m<sup>2</sup> built at a school in San Nicolás.

**319** students did professional internships.

**195** students trained in Automation and Industry 4.0 in alliance with FESTO.

**109** Math teachers participated in learning communities.

**843** students received technical skills assessments.

**970** students were evaluated in Math skills.

Inauguration of a **600** m<sup>2</sup> automated hydroponic greenhouse in Campana operated by an NGO.



#### Roberto Rocca After School

**210** students.

**10** educators were trained in STEM and Literacy skills teaching.

**3** classrooms were built at a school in Ramallo increasing capacity from **120** to **180** students.

**40** computers were delivered to the students of the last two years of the Ramallo Program.

**2** students from the Roberto Rocca After School started at the Campana ETRR.

#### Roberto Rocca Scholarships

**1,073** high-school scholarships, **245** university scholarships and **2** doctoral scholarships were awarded.

For the second time around, the selection of candidates for high-school scholarships took into account students' socioeconomic background as well as their results in Math and Logic tests, among other variables.

**10** Campana ETRR graduates were awarded university scholarships.

#### Volunteers in Action

**1,016** volunteers in Campana and San Nicolás.

#### Local Programs

**200** Fundación Cimientos scholarships awarded.

#### Campana

##### FUNDACIÓN GERMINARE

**151** students received scholarships jointly from the Foundation.

##### CAMPANA APRENDE

**610** teachers were invited to take part with a view to improving educational quality in public schools.

##### TECHNICIAN'S DAY

**175** technical school students took part in a job skills training day to promote their life and career plans.

#### Añelo

##### EXTENDED DAY PROGRAM

**80** students from **2** schools took part.

## Art and culture

#### Fundación PROA

**9** exhibitions attracted over **100,000** visitors.

**2,200** participants in seminars, courses and virtual classes.

### Global Programs

#### Latin American Cinema

**3,800** spectators at **6** screenings.

#### Photo Library

The websites were revamped with input from Fundación PROA.

### Local Programs

#### San Nicolás

##### TERNIUM CULTURE

**1,150** people attended the event.

# Mexico

**14,000**

People

**7.4**

Million (in USD)

## Education

### Global Programs

#### Roberto Rocca Technical School Pesquería

100% of students were awarded total or partial scholarships.

371 students received 3 years of technical schooling.

95 students did professional internships.

291 PBL projects were presented.

21 teachers were trained and evaluated.

The ETRR qualified as a SOLIDWORKS and FESTO Training Center.

8 students participated in the SESI FIRST® LEGO® League International Open Brazil robotics competition.

#### Roberto Rocca Technical Gene

1,231 students and 166 teachers in Monterrey and Veracruz.

38 teachers were trained to teach Math.

128 PBL projects were presented in Veracruz.

359 students were evaluated in Technical skills and Safety, and 324 in Math.

7 students did professional internships.

82 students from Monterrey participated in Technical Gene Makers.

541 Monterrey students participated in a course on Agile Methodologies and Design Thinking.

159 people took part in the Technical Gene Women program.

32 teachers from Veracruz participated in the virtual SySTEM Education workshop.

#### Roberto Rocca After School

493 primary-school students in Monterrey and Veracruz.

The program was launched in a new school in Monterrey with 214 children.

438 students from Monterrey started the After School Secondary program.

Refurbishment of a school in Veracruz.



18 educators were trained in STEM and Literacy skills teaching.

#### Roberto Rocca Scholarships

385 high-school students, 162 university students and 2 doctoral students were awarded scholarships.

18 Pesquería ETRR graduates were awarded university scholarships.

The selection of candidates for high-school level scholarships for the first time took into account students' socioeconomic background as well as their results in Math and Logic tests, among other variables.

#### Volunteers in Action

168 volunteers in Monterrey helped to refurbish 2 schools.

8 videos of virtual volunteering activities in Veracruz were published online.

48 volunteers helped to plant trees in the Chipinque Ecological Park.

### Local Programs

#### School Champions

100 students took part in the program.

#### Family School

36 parents graduated, and 42 school heads and teachers were trained.

#### Diploma in Leadership and Educational Practices (LISTO, in Spanish)

99 school heads, pedagogical technical advisors and supervisors took the DLAE, the Diploma in Leadership and Educational Practices.

#### Social-emotional Schooling Education Route

100 school heads and deputies from public primary and secondary schools took part.

#### Educational scholarships

573 secondary and university students were awarded scholarships.

## Art and culture

### Global Programs

#### Latin American Cinema

4,130 spectators attended 3 events in Colima, Monterrey and Puebla.

#### Photo Library

4,130 spectators attended the Memoria de Acero exhibition in Nuevo León.

# Brazil

**144,000**  
People

**2.9**  
Million (in USD)



## Education

### Global Programs

#### Roberto Rocca Technical Gene

**289** students and teachers.

**34** students carried out professional practices at Pinhanmonhangaba.

**62** students were trained in Automation and Industry 4.0 skills in partnership with FESTO.

**6** teachers took part in the Math pathway learning communities.

**66** students were evaluated in technical skills and Safety.

**59** students were evaluated in Math skills.

**53** students visited the Ternium plant in Santa Cruz and **32** toured the TenarisConfab facilities in Pindamonhangaba.

Renovation of the Maker-Labs initiative in Santa Cruz.

**34** students from Pindamonhangaba participated in the Robotics Makers training course.

#### Roberto Rocca After School

**232** teachers in Pindamonhangaba and Santa Cruz.

**9** educators were trained in STEM and Literacy skills teaching.

Delivery of **40** laptops to final-grade children in Pindamonhangaba.

Pindamonhangaba's first cohort graduated after **5** years in the program.

#### Roberto Rocca Scholarships

**389** high-school students, **70** university students and **3** doctoral students were awarded scholarships.

#### Volunteers in Action

**440** volunteers in Santa Cruz were involved in refurbishing **2** schools.

### Local Programs

#### Educarte

**51** students participated in an exhibition on the cultures of Argentina and Brazil.

#### School support

Educational support activities were carried out for **304** young people from the community.

## Art and culture

### Local Programs

#### Schools of Music and Citizenship

**150** young people participated in musical workshops and **2** students played in the main orchestra.

#### Museu de Arte Moderna do Rio de Janeiro

We supported the museum which received **48,491** visitors.

Thanks to the benefits provided by the Rouanet Law, contributions were made to **6** cultural initiatives.

# Italy

**122,000**  
People

**1.9**  
Million (in USD)



## Education

### Global Programs

**Roberto Rocca Technical Gene**  
1,619 students.

690 students were trained in Robotics.

1,280 students participated in an Industrial Safety course.

10 students did professional internships.

**Roberto Rocca Scholarships**  
83 high-school students and 20 university students were awarded scholarships.

### Local Programs

**Fondazione Dalmine**  
13,397 students and 646 teachers participated in educational programs, including laboratories on Robotics, History, Digital Media, STEM, Safety and production processes.

180 students took part in the summer camp, which included a visit to the industrial city of Dalmine.

## Art and culture

### Global Programs

**Latin American Cinema**  
333 spectators attended 5 screenings.

### Local Programs

**Fondazione Dalmine**  
3,014 people visited the foundation.

2,500 visitors toured the "Pausa Pranzo" exhibition.

320 people visited the exhibition "Dopo (il) lavoro", an exhibition about life in the Italian industrial society of the 20<sup>th</sup> century.

**GAMeC - Galleria di Arte Moderna e Contemporanea di Bergamo**  
The gallery welcomed over 102,165 visitors.

# United States and Canada

**5,700**

People

**958,000**

(USD)

## Education

### Global Programs

#### Roberto Rocca Technical Gene

**12** students and **140** educators in Bay City and Midland.

The students developed a prototype heat treatment furnace from scratch.

They also took part in life and career talks with Tenaris employees, with a focus on the technical skills required to work in the industry.

#### Roberto Rocca After School

**104** students at Blytheville.

#### Roberto Rocca Scholarships

**87** high school students and **38** university students were awarded scholarships.

### Volunteers in Action

**252** volunteers from Ambridge, Bay City, Blytheville, Houston, Koppel and Pittsburgh.

### Local Programs

#### Student of the Year

**7** scholarships were awarded to the Student of the Year.

#### Local scholarships

**30** scholarships were awarded to students from Bay City and Blytheville.

#### VEX Robotics

**95** students from Sault Ste. Marie participated in the Robotics contest.

## Art and culture

### Global Programs

#### Latin American Cinema

**2,080** viewers attended Film Festivals in Bay City, Blytheville and Houston.



# Colombia

**1,100**

People

**669,000**

(USD)

## Education

### Global Programs

#### Roberto Rocca Technical Gene

**233** students and educators.

In alliance with SENA, **3** new technical courses were launched at the Bertha Suttner Technical Middle School, including content, equipment, and infrastructure.

**5** teachers were trained to teach Math, Pneumatics, and Hydraulics subjects.

**27** PBL projects presented.

**80** students made a visit to the TenarisTuboCaribe plant that included Industrial Safety training.

#### Roberto Rocca After School

**316** students.

Works at a school in Cartagena were completed.

**10** educators were trained in STEM and Literacy skills teaching.

#### Roberto Rocca Scholarships

**18** university students and **3** doctoral students were awarded scholarships.

#### Volunteers in Action

**56** volunteers participated in **2** activities with the Cartagena community.

### Local Programs

#### Out of School Time Program

**250** children took part in activities designed to reinforce their knowledge through an approach focused on play, art and creativity.

## Art and culture

### Local Programs

#### Cronicando

**25** students took part in the digital journalism workshop.



# Romania

**6,600**  
People

**595,000**  
(USD)

## Education

### Global Programs

#### Roberto Rocca Technical Gene

**314** students and educators from Calarasi, Campina and Zalău.

**298** students from public technical schools were trained in Industrial Safety.

**24** teachers took part in a Mechanics Workshop.

**30** students did professional internships.

**12** students participated in the Dual Education program with theory taught at school and practice opportunities at the plant.

#### Roberto Rocca After School

**150** students.

#### Roberto Rocca Scholarships

**485** high-school students and **40** university students were awarded scholarships.

#### Volunteers in Action

**112** volunteers refurbished **5** schools in Calarasi and Zalău.

### Local Programs

#### Leaders of the Third Millennium

**123** students from **6** technical schools started the program, designed to develop soft skills.

## Art and culture

### Global Programs

#### Latin American Cinema

**2,071** spectators attended screenings in Calarasi, Campina and Zalău.



# Uruguay

**1,800**  
People

**775,000**  
(USD)

## Education

### Global Programs

#### Roberto Rocca After School

**284** students from **4** schools.

**14** educators were trained in STEM and Literacy skills teaching.

The program was launched at its 4<sup>th</sup> location in Montevideo, reaching **60** children.

In Montevideo, **13** students graduated as the first generation to complete 6 years of the program.

**89** laptops were delivered to children in the program to enhance their STEM and PBL skills.

#### Roberto Rocca Scholarships

**4** university students and **1** doctoral student received scholarships.

#### Volunteers in Action

**62** volunteers carried out maintenance tasks at a school in Montevideo, benefiting **130** students.

### Local Programs

#### Liceo Impulso

**26** students graduated with a Technical Baccalaureate in Systems. This course is 100% financed by Tenaris.

#### Fundación Cimientos

**4** students were awarded scholarships.

## Art and culture

### Local Programs

#### Latin American Cinema

**1,005** spectators attended **2** editions of the festival.



# Other countries

**2,200**  
People

**618,000**  
(USD)



Chile, China, Ecuador, Ghana, Guatemala, Indonesia, Kazakhstan, Nigeria, Peru and Saudi Arabia.

## Education

### Global Programs

**Roberto Rocca Technical Gene**  
40 students in Aktau.

38 students took part in a PLC training course given by Tenaris employees.

2 students did professional internships.

**Roberto Rocca Scholarships**  
Scholarships were awarded to 452 high-school students from Aktau (Kazakhstan), Auca (Ecuador), Batam (Indonesia), Cilegon (Indonesia), Ogu (Nigeria), Onne (Nigeria), Qingdao (China), Shushufindi (Ecuador) and Villa Nueva (Guatemala); also to 95 university students in Chile, China, Indonesia, Kazakhstan, Nigeria and Peru, as well as to 1 doctoral student in Indonesia.

## Volunteers in Action

16 volunteers from Villa Nueva (Guatemala) participated in an activity hosted at a school, benefiting 230 students.

18 Tenaris employees volunteered to help with maintenance tasks at a kindergarten in Aktau (Kazakhstan).

### Local Programs

2 schools in Batam and Cilegon (Indonesia) were refurbished, benefiting 1,100 students.

2 classrooms were refurbished at a school in Kwamekrom (Ghana), benefiting 120 students.

Solar street-lighting was installed in Onne (Nigeria).

2022 ANNUAL REPORT

# Community Relations

