

Company: Pan American Energy, Ciudad de Buenos Aires
Company Description: PAE is the leading private and integrated energy company in Argentina. It has become the main private producing, employing and investing company within the Oil&Gas industry in this country. It also operates in Bolivia, Mexico and Brazil. It explores and produces oil and gas. It refines oil, commercializes fuels and lubricants (AXION branch), and participates in the renewable energies.
Nomination Category: Company / Organization Categories
Nomination Sub Category: Corporate Social Responsibility Program of the Year - in Mexico, the Caribbean & Central and South America
Nomination Title: Technology Education



1. Which will you submit for your nomination in this category, a video of up to five (5) minutes in length about the achievements of the nominated organization since 1 January 2023, OR written answers to the questions for this category? (Choose one):
- Written answers to the questions
2. If you are submitting a video of up to five (5) minutes in length, provide the URL of the nominated video here, OR attach it to your entry via the "Add Attachments, Videos, or Links to This Entry" link above, through which you may also upload a copy of your video.
3. If you are providing written answers for your submission, you must provide an answer to this first question: Briefly describe the nominated organization: its history and past performance (up to 200 words):

Total 200 words used.

PAE is the main private producer, employer and investor of the energy industry in Argentina and a leader in the region. One of the cornerstones of its vision on sustainability is that inclusive, fair, and quality education is a right and a driving force for transformation. Therefore, PAE carries out programs that promote **scientific vocations** in children and youngsters, facilitate access to higher education in **STEM** (science, technology, engineering and mathematics), and help **teachers be up to date** with teaching methodologies and management.

Three remarkable examples are the programs in technology education:

-Full Coders, focused on the digital world, artificial intelligence and robotics, and aimed at high school students.

-Gendi, aimed at teachers in 51 schools to train them in the application of digital technology to pedagogical practice and in Project-Based Learning methodologies with a focus on STEM

-The PAE's Community of Scholarship Students Contest, where university students compete with their technology projects.

These programs from PAE **help promote technology education within the framework of public policies that seek to include** Information and Communication Technologies in the teaching system. PAE also **fosters innovation** in the field, helps **improve equality in access to technology**, and **promotes the implementation of technological structures**.

4. If you are providing written answers for your submission, you must provide an answer to this second question: Outline the organization's achievements since the beginning of 2023 that you wish to bring to the judges' attention (up to 250 words):

Total 212 words used.

PAE has fostered innovation, community engagement and sustainable development in the Argentine province of Chubut through its technology education programs aimed at satisfying local needs and the creation of seedbeds for future professionals in formal sciences.

Full Coders: This initiative equipped 130 secondary school students (aged 15–19) in Comodoro Rivadavia and Trelew with digital skills in programming, AI, and robotics. Students developed impactful projects like the "I Help You" app, which addresses cyberbullying and grooming, earning recognition at the 2024 EduCo Educational Exhibition. The students also developed digital projects on environmental awareness, recycling, sustainable construction and Patagonian fauna.

Gendi: Trained 181 Mathematics and Technology teachers from 51 schools in STEM-focused Project-Based Learning (PBL) and ICT integration, enhancing classroom methodologies. The program aligned with national education policies and fostered collaboration with students' projects, such as "I Help You." With the PBL methodology, they analyzed different topics in the classrooms, like renewable energy, geometry and statistics, recycling, food bioculture, and tourism.

Community of Scholarship Students Contest: 114 university scholars created solutions for local challenges. The winning Geo App—a geological risk map for Comodoro Rivadavia—will aid urban planning and disaster prevention, with implementation set for 2025.

PAE's initiatives strength the social fabric, bridge educational gaps, and empower youth and educators to drive sustainable change.

5. If you are providing written answers for your submission, you must provide an answer to this third question: Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other players in your industry and/or to the organization's past performance (up to 250 words):

Total 241 words used.

The achievements of the programs stand out due to their innovative integration of education, technology, and community-driven solutions, addressing local gaps.

Holistic approach: Full Coders, Gendi, and the Scholarship Contest form an interconnected ecosystem. Students learn cutting-edge digital skills, teachers adopt PBL-STEM methodologies, and university scholars apply knowledge to real-world problems (e.g., Geo App for disaster resilience). This synergy ensures lasting impact across education levels.

Local relevance: Projects tackle hyper-local challenges directly engaging communities in solution-building. The focus on rural and low-connectivity areas (e.g., offline website features) ensures inclusivity.

Scalable models: Partnerships with the Chubut Ministry of Education, NGOs, and universities embed programs within public policy frameworks, enabling scalability. Gendi's alignment with the National Program for Permanent Training “Our School”, and the National Institute for Teacher Training, exemplifies systemic synergy.

SDG leadership: PAE's Technology Education programs bridge multiple Sustainable Development Goals—education (SDG 4, targets 4.4 and 4.c), sustainable cities (SDG 11, targets 11.1, 11.3, 11.5 and 11.b), and economic growth (SDG 8, targets 8.3 and 8.6)—while fostering youth employment and teacher empowerment. The Geo App alone advances four SDG 11 targets, including reduce the adverse effects of natural disasters. The programs also advance SDG 17: collaborations with the provincial Ministry of Education, universities, and NGOs amplified impact.

Corporate-Community Co-Creation: PAE's direct collaboration with beneficiaries (students, teachers, and local experts) ensures solutions are practical and sustainable, moving beyond philanthropy to participatory development.

6. You have the option to answer this final question: Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words):

Total 151 words used.

- **"250229_Technology_Education"** file details the motivation, objectives, key audiences, the strategy, implementation and results of the Technology Education programs based on ICT to find solutions to the problems of the communities. There are photos and links.

The document also details the methodology with which the Full Coders and Gendi programs are carried out, since they combine intensive face-to-face and online lessons, they apply participatory pedagogical methodologies with a practical approach, and they use virtual learning platforms that facilitate access for students and teachers from different locations. During implementation, there are interactive workshops and one-on-one mentoring that combine technical training and personal development.

Information is also provided on two model cases that have resulted from the Technological Education program: the “I Help You” and “Geo App” applications that have been developed by students.

- **Video** with the testimonials of the Full Coders students and the main results of the Technology Education Programs.

Attachments/Videos/Links:

[Technology Education](#)

[REDACTED FOR PUBLICATION]