

Title of the challenge:

How can we adapt and operate roads, hospitals, transport hubs, industry, etc to be smarter, safer, and ready for today's sustainable and connected environment?

The company:

SACYR is a global group, listed in the Ibex 35, Spain's stock market index. We have activities in more than 20 countries on four continents, where we undertake innovative, high-value projects. We are leaders in infrastructure development and concessions with a highly diversified portfolio. We put our talent to work at the service of progress, with the diligence and passion needed to turn any challenge into a solution.

At Sacyr we want to promote new projects that contribute to building a better, safer and, of course, more sustainable world.

We are convinced that innovation, creativity, and talent can be found anywhere. That is why we open our doors to the innovative international ecosystem.

See more at: <https://www.sacyr.com/>

Full description*

We have spent years building different types of infrastructure prioritizing economic and social growth. However, today we're prioritizing a future growth based on sustainability.

Infrastructure and everything that goes with it, cannot only focus on building from scratch, but also on adapting and converting everything we have created to date to this new standard.

That is why we're looking in the innovation ecosystem for solutions to adapt this Infrastructures (roads, hospitals, transport hubs, water plants...) to a new paradigm where technology, innovation and customer centricity plays a key role in meeting society's demands.

We're interested in smart capabilities applied to operations and decarbonization of the industry in the following activities:

- Linear infrastructure such as roads, bridges and tollways.
- Social Infrastructure such as Hospital Management, University Campus and Transport Hubs.
- Construction activities towards linear infrastructure and buildings.
- Industrial Sites related to the whole water cycle (desalination plants, sanitary plants, wastewater, water distribution, etc.).

What are we looking for?

We are looking for partners to collaborate with and jointly create solutions that help us solve our challenges and improve the quality of life of millions of citizens around the world, based on better infrastructures.

We want to learn about technological innovations and business models, from around the world, that are at the forefront in their field and develop differential solutions that can be validated in the short term through the implementation of pilots in our projects and assets in any of the countries in which we are present.

We are committed to fostering and strengthening collaboration with the entrepreneurial ecosystem and promoting innovative solutions that allow us to find new ways to provide value to our clients and to society, expanding the positive impact of our activities.

We are looking for:

- Green energy towards net-zero: Energy Efficiency, Renewables, Energy storage solutions.
- Climate solutions: Carbon reduction, circular technologies, water solutions, net-zero approach.
- Data leverage, connectivity and automation: IoT, Data Analytics, Predictive Models, IA, ML, RPAs, applied robotics, satellite, etc.
- Transport Infrastructure for: autonomous, connected, electric and shared solutions.
- Project Management: Activity monitoring, Project monitoring and control.
- Health & Safety: people safety, equipment, training, environment (noise, odor...).
- User experience.
- Information exchange between users, vehicles and infrastructure.
- Materials: new sustainable materials, materials monitoring.
- Fleet and machinery: Sustainable fleets, retrofitting solutions for machinery...

Technologies: We're interested in solutions that can help us apply new technologies such as IoT, IoE, Advanced Connectivity, Robotics, Automation, Deep Learning, Artificial Intelligent or satellite technology in different activities carried out on our current assets.

Phase: Operation phase of linear infrastructure and industrial sites.

Solutions: plug and play, modular solutions that can be applied to one or different activities, not integral solutions for the whole infrastructure.

What are we offering?

At Sacyr we are committed to open innovation as a lever to grow as a company and to achieve our goals in terms of sustainability and excellence in our operations.

We open our doors to new ideas and ways of working brought to us by external innovative agents, and we share our knowledge of how the market and our operations work with the companies we collaborate with for mutual enrichment.

We rely on external talent to seek and incorporate existing solutions in the market, in the development phase, first customers or commercialization and scaling, which allows us to gain agility when it comes to knowing, analysing, assessing and implementing innovative projects with which to continue improving our infrastructures and services.

Boost your brand:

- An opportunity to differentiate yourself: Strengthen your brand image and achieve greater visibility thanks to the backing of one of the global leaders in the infrastructure sector and take advantage of the support and promotion opportunities to which we have access.
- Become part of our network: At Sacyr we are committed to proximity and trust. Being part of our ecosystem will allow you to be in permanent contact with us and allow us to keep you in mind for new business challenges and opportunities that we are able to explore and drive in the future.

Activate the road to success:

- Boost your project: Our team of experts evaluates all proposals received. As you progress through the selection process, you will have the opportunity to receive quality feedback on the fit of your solution with the challenge and get in touch with experts in different fields.

- Receive support from our experts: access a network of professionals who can guide you in commercial, technical and strategic aspects to take your project to the next level. Present a differentiated proposal and meet our business experts to share perspectives and improve specific aspects of the proposal.

Grow your business:

- Validate your solution: we drive pilot projects between our business units and entrepreneurs, technology centres or already consolidated companies. implement your project in a real business environment, validate the fit of the solution in the field and learn from the experience and work hand in hand with our experts.
- Global scope: we foster trusting relationships through projects that can be successful in ongoing developments and future business implementations. we offer our partners an extensive portfolio of projects in more than 20 countries, and relationships with strategic public and private clients on an international scale.

Opportunity area

Smart production.

Looking for partners from the following regions

Latin America; Caribbean.

Specific areas

Construction; Mining; Chemistry; Aerospace; Others.

Technologies

Cybersecurity; Blockchain; Big Data Analytics; IoT; Connectivity & 5G; Cloud services; Modelling & Digital Twin; Artificial Intelligence; Machine Learning; Virtual Reality; Robotics; Additive Manufacturing; Quantum Computing; Augmented Reality; Sensor & Electronics; Satellite Services (geopositioning, navigation, etc.); Others.