

CHILEAN COMPANIES FOR EUREKA NETWORK

*Chilean Potential Partnership
on Eureka Network Project Calls*

*Jocelyn Olivari
Eureka National
Project Coordinator*





**Eureka Network Projects
Lightweighting**
Chilean list of companies

3



**Eureka Network Projects
The Eureka Resilience
Call**
Chilean list of companies

11



**Eureka Network Projects
Canadian-Chilean
Collaboration 2024**
Chilean list of companies

8



Call for Lightweighting Technologies





Calls 2024 Eureka Network Projects Lightweighting Technologies

Sustrenlab

<https://sustrendlab.com/>

It is a technical consultancy firm specializing on sustainability, adaptability to climate change, as well as on the circular economy. It uses innovation as the basis of our business solutions. Sustrend was founded in 2015 and, since then, has gained an extensive experience both nationally and internationally.

Since 2018, Sustrend has been the only technical consultancy firm with its scientific and technological department, SustrendLab, to develop technological solutions for the circular economy.

R&D and i Projects supported by Corfo

- Development and industrial scaling of the production of anodes for lithium-ion batteries from used tires.
- Recycling and recovery of end-of-life lithium-ion batteries from the electromobility industry.
- Validation of activated carbon production to generate graphite for lithium-ion batteries from NFU.

Contact Information

Co-founder

Dario Andreani

dario@sustrendlab.com





Calls 2024 Eureka Network Projects **Lightweighting Technologies**

Ingeniería Sustentable

<https://ingenieriasustentable.cl>

Engineering company focused on sustainable construction. Through innovation, it seeks to solve problems for the residential developments using the virtuous link between science and business.

R&D and i Projects supported by Corfo

- Development of modular social housing through industrialized construction to meet the housing deficit in Chile

Contact Information

CEO

Juan Pablo Cárdenas

jp@ingenieriasustentable.cl





Calls 2024 Eureka Network Projects **Lightweighting Technologies**

LIVE INFRASTRUCTURE DIAGNOSTICS SPA

www.lind.cl

Engineering company with a high technical level to address non-conventional challenges, emphasizing infrastructure management and monitoring.

R&D and i Projects supported by Corfo

- Through sensors, it develops a structural monitoring platform for railway bridges based on indirect monitoring in passing trains and machine learning techniques, ensuring cost-effective coverage of railway network monitoring. This allows an early detection of possible structural failures, which optimizes preventive maintenance of critical infrastructure, and improves its sustainability.

Contact Information

INNOVATION CEO

Fernando Cerda

fernando@lind.cl





Calls 2024 Eureka Network Projects Lightweighting Technologies

Strong by Form

<https://strongbyform.com/>

Disruptive startup focused on creating technologies to develop friendly and environmental products. Their first technology, Woodflow, generates ultra-light, high-performance timber-based bio-composites that can replace steel and concrete at a fraction of their weight in industries such as construction and mobility.

R&D and i Projects supported by Corfo

- Prototyping and validating the production process for the industrial scaling of the “sandwich core” product for ultra-light structural panels for wood-framed high-rise buildings aimed at the European market.
- Development of new pressing technology and enabling Woodflow robotic prototyping line.

Contact Information

Project manager

Diego Lyon

dlyon@strongbyform.com





Calls 2024 Eureka Network Projects Lightweighting Technologies

Aislapol S.A

<https://www.aislapol.cl/>

Aislapol S.A., the largest Expanded Polystyrene transformer in the country, has been working for more than 58 years on technological advances and quality standards in the management of Styropek raw materials. Its unbeatable insulating capacity, its low weight, and its ease of molding have made this product synonymous with thermal insulation, energy efficiency, light, rational and safe packaging

R&D and i Projects supported by Corfo

- Recovery of expanded polystyrene with lignin as a property-modifying filler

Contact Information

Innovation CEO
Fernanda Quiroz
aislapol@styropek.com





Calls 2024 Eureka Network Projects **Lightweighting Technologies**

MAS Recursos Naturales S.A.

<https://www.masrecursosnaturales.cl>

Company with a vast experience in water, energy and climate change issues that works on different industries such as mining, health, energy and agriculture on engineering, hydrology, sustainability and other issues.

Proposed R+D Innovation Project (but not limited to)

Climate and Hydrological Platform that allows forecasting surface and underground flows in basins in Chile and the world.

Contact Information

Executive Director

Felipe Cuadrado

fmartin@masrecursosnaturales.cl





Calls 2024 Eureka Network Projects **Lightweighting Technologies**

Servilinares

<https://www.servilinares.com/>

Company from Antofagasta, north of Chile and mining sector, that it has 3 core business units: Comprehensive logistics and engineering, Mining Operations and Circular Economy.

Proposed R+D Innovation Project (but not limited to)

Processing of materials from mining scrap. For example: atomization of metal powders with scrap (ferrous and non-ferrous). Production of products with these powders: brake pads, others.

Contact Information

Head of R&D

Vasco Prado Villalón

vprado@servilinares.com





Calls 2024 Eureka Network Projects Lightweighting Technologies

Citta Urbana SpA

www.cittaurbana.cl

Design and manufacture of elements for public spaces, such as urban furniture, children's games, sports facilities, special elements, etc. We work with different materials: recycled, concrete, iron, etc.

Proposed R+D Innovation Project (but not limited to)

In conjunction with the University of Santiago de Chile and the Catholic University, a transportable 3D additive manufacturing system is being developed for elements with a volume between 1 and 4 m³ of the urban furniture type and other useful elements in different areas of construction.

Contact Information

Partner-Commercial Manager
Alvaro Rodrigo Daroch Sagredo
ADS@CITTAURBANA.CL



Call for resilience, response and recovery projects





Calls 2024 Eureka Network Projects

The Eureka Resilience Call

BREAKING CUPPER CHILE LIMITADA

www.breakingcopper.cl

We are a scientific-technological company founded by Chilean women scientists who believe in the democratization of nanotechnology. We have more than 13 years of experience in nanotechnology at academic and industrial levels. Its multidisciplinary training in prestigious national and international research groups allows us to develop R&D activities in different areas of science.

R&D and i Projects supported by Corfo

- Smart Ecological Additive of copper nanoparticles for managing pathogenic microbes and soil fertilization for sustainable agriculture.

Contact Information

CEO

Santiago Barcaza

daniela.geraldo@gmail.com





Calls 2024 Eureka Network Projects The Eureka Resilience Call

EPC ANDES CHILE SPA

<https://es.epc-groupe.com/>

It is a company that provides multiple services about engineering and technological innovation for drilling on mining. Furthermore, they have expanded their core business by working on geology, geophysics, geomechanics, geotechnics, environment and plant comminution processes.

Proposed R+D Innovation Project (but not limited to)

Identify low-grade minerals where, given a size distribution of the mineral extracted from the mine, a concentration of grades in the finest fractions can be generated. This would reduce the volume of mineral to be treated, saving energy, water and sulfuric acid, impacting the process in both economic and environmental terms. The objective is to seek a more sustainable mining process.

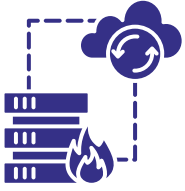
Contact Information

CEO

Juan Silva

jsilva@epc-groupe.cl





Calls 2024 Eureka Network Projects The Eureka Resilience Call

ACOT SYSTEMS

www.acotsystems.com

ACOT Systems is a company that forecasts and analyzes, through cameras, the presence of smoke from a wildfire. Once this detection occurs, the system gives an alert through an infographic sent to different messaging platforms.

Proposed R+D Innovation Project (but not limited to)

We offer an Intelligent Remote Sensing service for forest fires through the Firecatch web platform, which integrates the live view of high-definition surveillance cameras and an AI model trained to detect forest fires in their initial stages. Firecatch is a global SaaS that provides information to respond in a timely manner to these fires, and thus reduce damage and GHG emissions.

Contact Information

CEO

Gonzalo Alcaíno

gonzalo.alcaino@acot.cl





Calls 2024 Eureka Network Projects

The Eureka Resilience Call

BOTANITEC

www.botanitec.cl

Botanitec company focused on biotech solutions applicable to agriculture and agrifood with a circular economy approach based on natural principles.

Proposed R+D Innovation Project (but not limited to)

Botanitec develops BOTAN SOIL (BS), an antioxidant prebiotic composition rich in polyphenols with the aim of restoring the balance of the soil microbiome, improving nutrient availability, stimulating vegetative and root growth, increasing resistance to pathogens and reducing the use of chemical products. Furthermore, it is suggested that polyphenols may play a key role in the capture of CO₂ by the soil microbiome, offering a potential strategy to mitigate greenhouse gases. Botanitec developed BOTAN STRESS, a natural and organic antioxidant composition intended to combat oxidative stress in plants. This product responds to the emerging need due to climate change and water scarcity, which are predicting a drop of up to 30% in agricultural productivity in the 21st century. The project seeks to scientifically validate this approach, challenging the paradigm that synthetic chemicals are more effective in this field little explored by traditional agrochemicals.

Contact Information

Legal executive
Daniela Vaisman
daniela@botanitec.cl





Calls 2024 Eureka Network Projects

The Eureka Resilience Call

G Strata Spa

www.g-strata.com.

The company provides comprehensive solutions for subsurface studies through geophysics, geology, and hydrology.

We have cutting-edge technology for locating groundwater using the innovative S.E.R. technology (in the process of patenting). They use algorithms and AI models to predict future events or trends based on historical data.

R&D and i Projects supported by Corfo

- SEM geophysical system capable of detecting groundwater efficiently and accurately in a non-invasive manner, before drilling.

Contact Information

CEO

Jorge Jiménez

jorge.jimenez@gstrata.com





Calls 2024 Eureka Network Projects

The Eureka Resilience Call

Xancura Spa

www.xancura.com

Xancura is a private Chilean company created in 2011 to provide an Early Warning Service for Earthquakes. Since then, it has deployed the largest private seismic monitoring network in the country, which allows it to detect the start of an earthquake early and send timely alerts only to users who perceive the movement.

R&D and i Projects supported by Corfo

- Xancura - Tsunami Early Warning System

Contact Information

Project Manager
Carlos Bottner
cbottner@xancura.com





Calls 2024 Eureka Network Projects **The Eureka Resilience Call**

Servicios Axis Limitada

www.serviciosaxis.cl

AXIS was founded to provide high-quality technical services, with the added value of its staff's experience and industry best practices.

R&D and i Projects supported by Corfo

- InnerVision: Virtual monitoring of confined industrial spaces using Transfer Learning

Contact Information

Project Manager
Sergio Rebolledo
sergio.rebolledo@axischile.cl





Calls 2024 Eureka Network Projects **The Eureka Resilience Call**

Wes

www.weschile.com

A Chilean company was founded in 2009. Through the development of technology, we seek to provide a concrete and effective solution on a global scale to combat water scarcity in cities around the world.

R&D and i Projects supported by Corfo

- Dynamic control system for water efficiency in domestic networks
- Intelligent drinking water control service - Wes (water efficiency system)

Contact Information

Project Manager
Juan Manuel López
juanlopez@wes.cl





Calls 2024 Eureka Network Projects

The Eureka Resilience Call

Capta Hydro

www.captahydro.com

Capta Hydro develops and commercializes a complete IoT solution to improve surface and ground source water management. The company's integrated software and hardware products (PCT patent) solve the source water digitalization and management gap, which is a key driver for effective climate change adaptation in a more simple, more cost-effective, automated, flexible, and reliable way than alternatives. The company has a 40+ person team and has achieved an average of 120% annual growth since 2018 and 55+ customers, among them some of Chile's biggest companies. It is scaling revenue in Chile and expanding into Mexico in 2023, with plans of entering the US and other markets in 2024.

R&D and i Projects supported by Corfo

- Flow monitoring systems for canals without gauging works
- Consolidation and Expansion of the Capta CFT Surface Water Telemetry Product Line

Contact Information

Co-founder
Gastón Dussailant
gaston@captahydro.com





Calls 2024 Eureka Network Projects

The Eureka Resilience Call

DROVID Technologies

www.drovid.com

It is a technological startup dedicated to research and experimental development in the fields of natural sciences and software engineering. Knowledge is applied through our platform as a service (PaaS), which is composed of a methodology designed for the early detection of problems associated with forest fires and public safety.

Their commitment is to use technology in service of the environment.

R&D and i Projects supported by Corfo

- Develop a service platform that manages and automates drones in continuous monitoring activities using AI to detect forest fires and abnormalities that may impact a forest fire at its earliest stage and quickly and safely transmit the information to users in charge.

Contact Information

Project Manager

Cristián León

cristianleon@outlook.com



Canadian-Chilean Collaboration 2024





Canadian-Chilean Collaboration 2024

Graiph Inteligencia Artificial

www.graiph.ai

Company that supports geology areas by providing them with the best technological tools to describe cores faster, with a unique criterion and maintaining a completely auditable process.

Proposed R+D Innovation Project (but not limited to)

- Software to describe core samples from their images, generating a visual record that can be used to train predictive models of the elements that have been described. With this system, up to 350m are described per day, all the described information is kept traceable and the team's criteria are unified.

Contact Information

CEO

Marcelo Surjan Arellano
msurjan@graiph.ai





Canadian-Chilean Collaboration 2024

Anturi SpA

www.anturi.cl

Anturi focuses on modernizing electrochemical processes with power electronics, catalyst synthesis for electrolysis, and membrane cell design.

Proposed R+D Innovation Project (but not limited to)

- The project involves developing catalysts that improve energy efficiency in brine recovery systems in desalination plants. These catalysts will reduce energy consumption and the costs associated with the recovery of water and minerals from brines.

Contact Information Project Manager

Daniel Alex Maturana Caballero
daniel.maturana.c@outlook.com





Canadian-Chilean Collaboration 2024

Aguasol Latam

www.aguasol.cl

Aguasol Latam is a company and R&D center whose purpose is to actively contribute to the construction of a new equitable and sustainable energy model, through the development and marketing of innovative services and solutions in energy efficiency and renewable energy, from a socially responsible structure.

Proposed R+D Innovation Project (but not limited to)

- HDH desalination with solar thermal energy applied to lithium brines: a safe, flexible and competitive solution to address the environmental need to migrate from passive evaporation systems to active systems with water recovery.

Contact Information

Project Engineer

Nicolás Ignacio Sanz Biava
nicolas.sanz@aguasol.cl





Canadian-Chilean Collaboration 2024

Encauza Local

<https://encauzalocal.cl/>

Encauza Local is a consulting company dedicated to the field of engineering, comprehensive water management, environmental consulting and training, aimed at developing comprehensive, sustainable and climate- and environmentally-conscious solutions. We have professionals specialized in civil engineering, natural resources and the water environment.

Proposed R+D Innovation Project (but not limited to)

- Develop innovative and sustainable sodium (Na) batteries from waste brine from desalination plants, in order to improve energy efficiency and integration into energy storage systems and desalination processes in Chile and globally.

Contact Information

Executive Director

Ersán Salas Toledo
ersan@encauzalocal.cl





Canadian-Chilean Collaboration 2024

Cienciambiental

<https://cienciambiental.cl/>

Environmental consulting agency specialized in biodiversity, environmental intelligence, GBIF and Darwin Core.

Proposed R+D Innovation Project (but not limited to)

- Environmental variables forecast and visualisation platform with hydrographic basin digital twin. It is a tool for data based decision making in the field of mining (especially lithium) in order to anticipate changes, analyze impacts and adapt to climate change.

Contact Information

Senior Specialist

Héloïse Doligé

hdolige@cienciambiental.cl





Canadian-Chilean Collaboration 2024

Mabenko Ingenieria Ltda

www.mabenko.cl

Engineering company with 27 years of experience in mining, with projects in Brazil and Chile.

Proposed R+D Innovation Project (but not limited to)

- The project seeks to recover copper deposits, using renewable energy and green H2 to produce copper cathodes.

Contact Information Investment manager

Ángel Valenzuela Gómez
avalenzuela@mabenko.cl





Canadian-Chilean Collaboration 2024

Asesoría integral Acovesa Corp SpA

www.acovesa.com

ACOVESA is a Chilean technology company, focused on the implementation of infrastructure, software development and I+D for the automation and digitalization of processes.

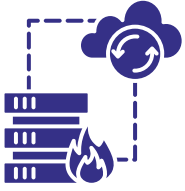
Proposed R+D Innovation Project (but not limited to)

- The Project we will carry out is the development of software that allows maintenance of fixed equipment (mills, sorters, etc.), and moving equipment (crushers, shovels, loaders and trucks), to be carried out predictively and not by condition, thus being able to foresee a failure or maintenance, weeks in advance.

Contact Information R&D Project Manager

Mario Enriquez Vega Gómez
mario.vega@acovesa.com





Canadian-Chilean Collaboration 2024

X-Analytic

www.x-analytic.com

X-Analytic Platform for Preventing Failures in the Mining Industry: Our solution is a package of tools that allows online monitoring of mining processes and assets to detect and anticipate the occurrence of failures or undesired events.

Services offered

- As a company, we seek to solve significant problems in the mining industry by leveraging the information that can be obtained from the available data in the mining industry. Any relevant challenge is applicable to our technology and for developing MVPs (Minimum Viable Products).

Contact Information

Business Developer Manager

Pablo Ahumada González

pablo@x-analytic.com





Canadian-Chilean Collaboration 2024

Smart Gestion

<https://smartgestion.cl/>

Smart Gestión is a mining and industrial company with over 15 years of experience in the sector, both in Chile and globally. We have a team of experts with more than 30 years of expertise in the field. Our goal is to drive cutting-edge innovation to transform mining and industrial operations.

Proposed R+D Innovation Project (but not limited to)

- We are developing an all-terrain 4x4 vehicle, named VETT24, which will be powered by an advanced hydraulic system called EcoHydroDrive. This innovative system is designed to be sustainable and environmentally friendly, offering an eco-friendly and efficient alternative compared to traditional diesel engines. The VETT24 is designed to adapt to various environments and conditions, combining versatility with robustness.

Contact Information

Director of Development and Innovation

Ignacio Matías Ponce Castro
contacto@smartgestion.cl



Chilean Information



More information

Corfo at the Eureka Network



SCAN ME

Contact us at:

DIFUSIONINNOVA@CORFO.CL



CHILEAN COMPANIES FOR EUREKA NETWORK

*Chilean Potential Partnership
on Eureka Network Project Calls*

*Jocelyn Olivari
Eureka National
Project Coordinator*

difusioninnova@corfo.cl