



ANTOFAGASTA
INDUSTRIAL
ASSOCIATION

EXPONOR CHILE 2024

3-6 JUNE, ANTOFAGASTA

POST SHOW

INTERNATIONAL EXHIBITION OF TECHNOLOGIES AND INNOVATIONS FOR THE MINING AND ENERGY INDUSTRIES

ESTIMATED BUSINESS: US \$940 MILLION



1,146 exhibiting companies



BRAZIL Guest Country



32 countries
16 international pavilions



47,000 visitors from 57 countries



2,800 business roundtables



13 seminars **2,600** attendees



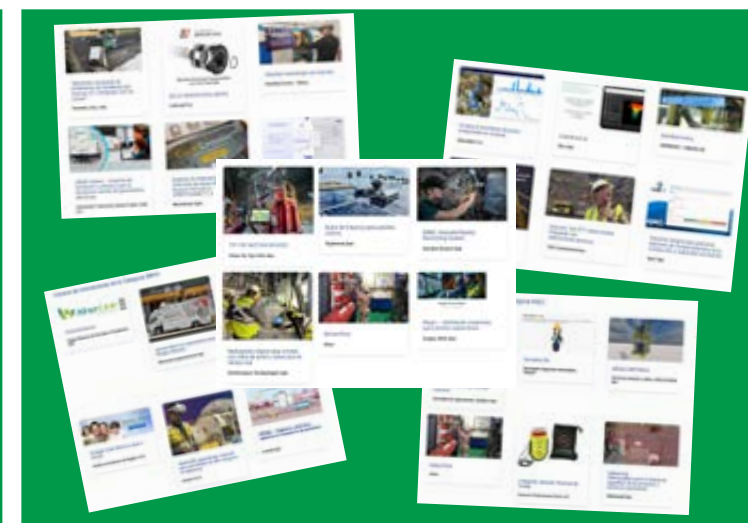
124 technical talks



3 networking events
750 attendees



9 mine sites visited by **167** people



326 innovations in
Showcase Your Innovation



27 companies in the Energy Pavilion



30 innovators in Launch Your Innovation



53 SMEs in the
#EstaremosEnExponor Program



21 companies in the AIA SME Pavilion



60 students in the TP Student Congress



700 attendees in the
Female Talent Program



28 heritage showcases

1,146 EXHIBITING COMPANIES

participated in the 20th edition of the International Exhibition of Technologies and Innovations for the Mining and Energy Industry.

35% foreign companies



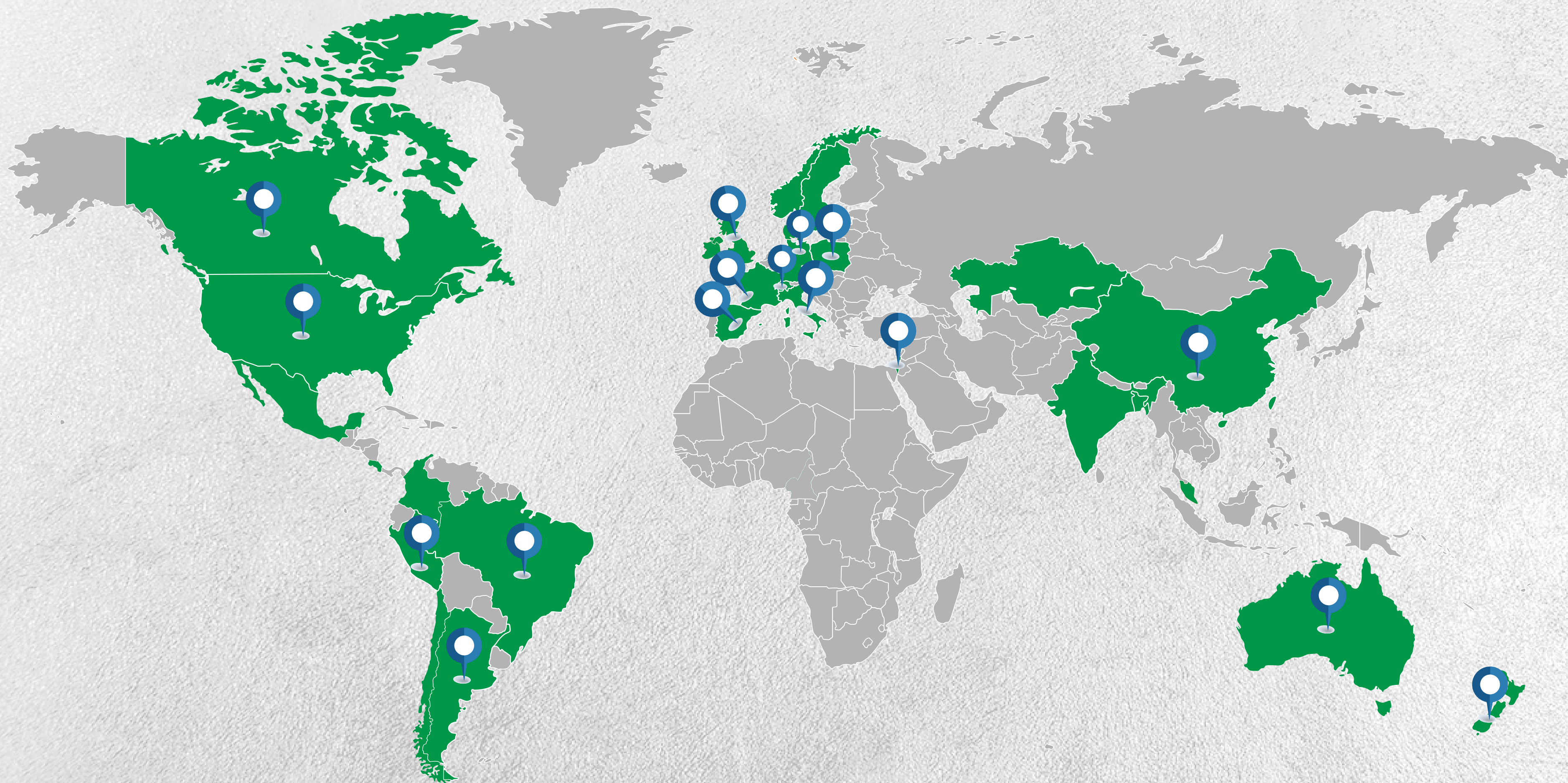
- » Heavy equipment, process equipment, machinery, parts and pieces.
- » Energy, engineering services and electrical items, automation and control.
- » Process engineering and construction.
- » Logistics, telecommunications and complementary services.
- » Hardware and tools.
- » Industrial and civil security.
- » Other inputs for mining.
- » Exploration, operation, test drilling and drilling.
- » Governmental institutions and associations.
- » Mining companies.
- » Media.
- » Others.

ENERGY PAVILION

Companies in the sector showcased technologies and solutions for the development of renewable energies, electromobility and green hydrogen.



INTERNATIONAL EXHIBITORS



32

countries

16

with
country
pavilions

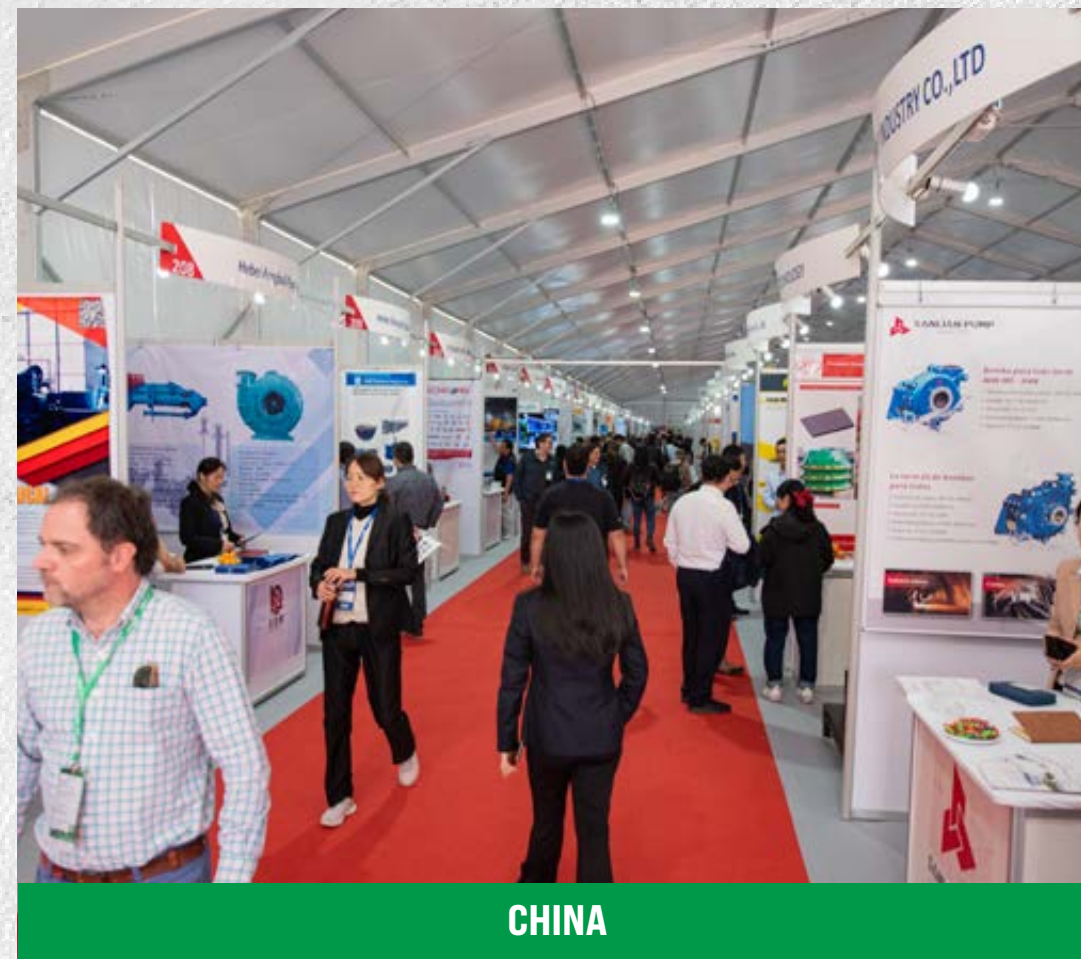
INTERNATIONAL PAVILIONS



CANADA



FRANCE



CHINA



GERMANY



ARGENTINA



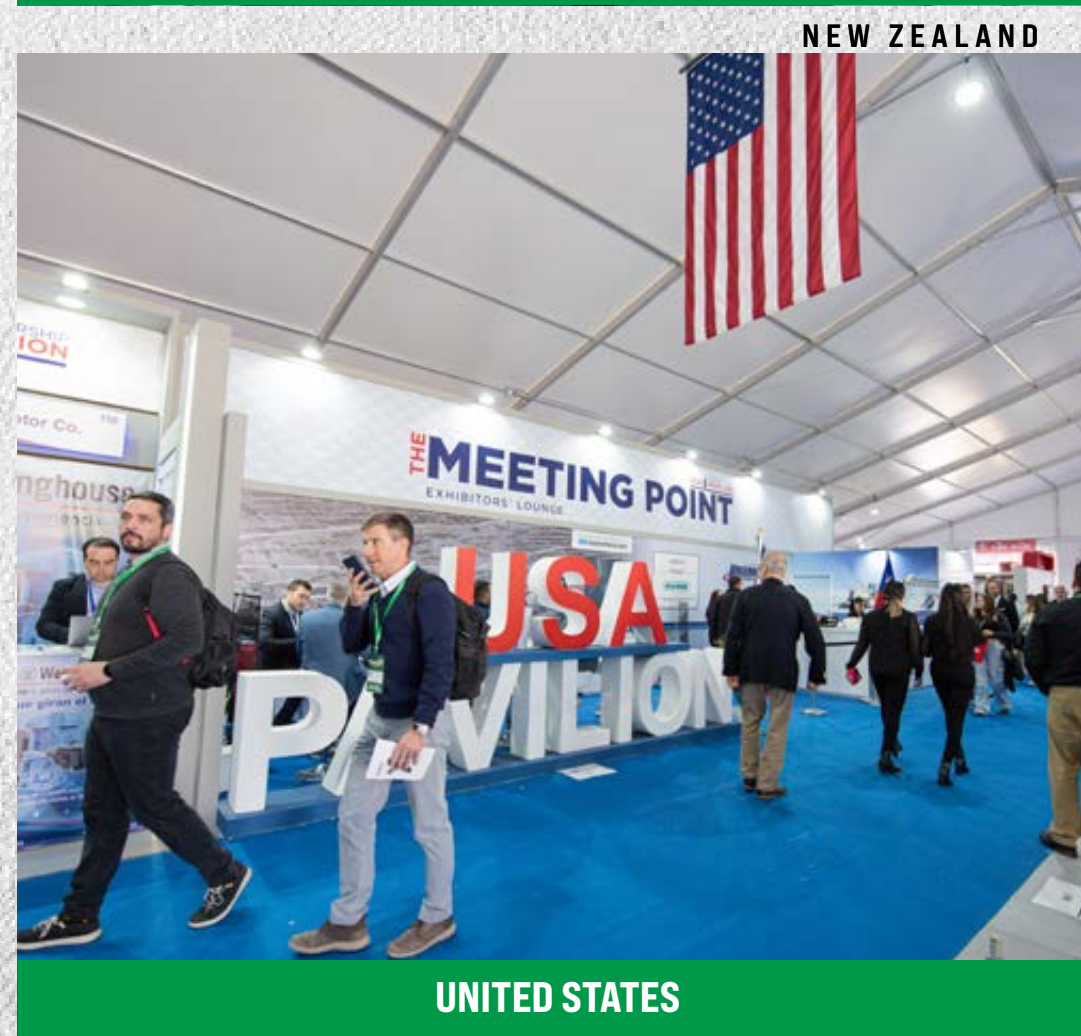
POLAND



SWITZERLAND



UNITED KINGDOM



UNITED STATES



BRAZIL - GUEST COUNTRY



NEW ZEALAND



ITALY



PERU



AUSTRALIA



SPAIN



ISRAEL

47,000

VISITORS FROM 57 COUNTRIES

Visitor profile: CEOs, presidents, VPs, directors, general managers, area managers, heads of area, technicians, operators, executives, professionals, specialised technicians and representatives of industry supplier companies, academics, research centres and students.

Visits by technical delegations: coordination with the main mining companies to take their employees to the International Exhibition of Technologies and Innovations for the Mining and Energy Industry.



BRAZIL

EXPONOR 2024 GUEST COUNTRY

In order to generate new opportunities to connect and strengthen commercial ties between the Chilean and Brazilian markets, the following activities were carried out, prior to and during the exhibition:

- » Antofagasta-Brazil Week, with seminars and business roundtables.
- » Visit to Belo Horizonte, in the state of Minas Gerais.
- » EXPONOR Seminar: Opportunities and Challenges of the Bioceanic Corridor.
- » Brazil pavilion with 22 companies with goods, services, solutions and machinery.
- » Business and cultural networking activities.



INAUGURATION OF EXPONOR 2024



Over 1,100 people participated in the ceremony led by three ministers: Mining, Energy and Economy, also with the participation of public and private national and foreign authorities, presidents and general managers of mining companies and trade associations, ambassadors and commercial attachés from abroad and representatives of exhibiting companies, among others.



Marko Razmilic
AIA President



Aurora Williams
Minister of Mining



Nicolás Grau
Minister of Economy



Diego Pardow
Minister of Energy



Paulo Pacheco
Brazilian Ambassador



Ricardo Díaz
Regional Governor



Lorena Sepúlveda
National Director of ProChile



Guillermo Hidalgo
AMRA President (interim)



BUSINESS ROUNDTABLES

2,800

business meetings between executives of exhibiting companies and 16 mining and industrial companies.



Albemarle | Altonorte (UNA EMPRESA GLENCORE) | ANTOFAGASTA MINERALS

ati terminal puerto antofagasta | CAPSTONE COPPER | CODELCO | ESCONDIDA | BHP

FINNING CAT | LOMAS BAYAS (UNA EMPRESA GLENCORE) | Filial de El Abra (Filial de FREEPORT-McMoRAN) | HMC MICHILLA

GRUPO MINERO LAS CENIZAS | PAMPA NORTE | BHP | PAN AMERICAN SILVER CHILE

SIERRA GORDA SCM | SQM Solutions for human progress



500

ProChile international business roundtable

meetings with 12 buyers from Australia, Bolivia, Brazil, Canada, Ecuador, Mexico and Peru.

SEMINARS

The major topics that are trending in the industry were extensively analysed in seven seminars:



INVESTMENT PROJECTS IN MINING AND ENERGY



Presentations from:



CHILE'S ROLE AND STRATEGIES IN THE GLOBAL LITHIUM MARKET



SUSTAINABILITY 360: AN INTEGRATING LOOK AT MINING AND ITS TERRITORY



SEMINARS

The major topics that are trending in the industry were extensively analysed in seven seminars:



OPEN INNOVATION IN MINING: CHALLENGES AND BUSINESS OPPORTUNITIES FOR SUPPLIERS



OPPORTUNITIES AND CHALLENGES FOR THE USE OF GREEN HYDROGEN IN MINING



WOMEN AND MINING – FEMALE TALENT



MINING 4.0: NEW DISRUPTIVE TECHNOLOGIES



SEMINARS

In addition, technical seminars addressed issues aimed at the challenges in human capital and innovation ecosystems in the sector.



WHERE IS THE HUMAN TALENT FOR THE NEW CHALLENGES IN MINING?

INNOVATION AND COLLABORATION, DRIVING THE DEVELOPMENT OF THE ECOSYSTEM AND THE MINING INDUSTRY OF THE ANTOFAGASTA REGION

TRAINING, WORK AND MINING



3RD FEMALE TALENT NETWORKING EVENT

Over 700 women gathered within the framework of the third version of Female Talent, a networking event for mining and energy, organized by REDEG and the Antofagasta Industrial Association, which connected them to job opportunities in the industry.

It had a rich program, which included the 'Women and Mining' seminar, where the latest trends and opportunities in diversity and inclusion management were presented; guided tours, talks, business roundtable and also an international networking cocktail.



EIGHTH CONGRESS OF VOCATIONAL STUDENTS OF THE FAR NORTH OF CHILE

The implementation of artificial intelligence in vocational education and in the labour market was the theme of the congress, held at the Don Bosco Antofagasta Technical-Industrial School, which brought together 60 students from the Student Centres of vocational establishments from the counties of María Elena, Calama and Antofagasta.



124

TECHNICAL PRESENTATIONS

in the areas of operations, logistics, safety, automation and sustainability were held by exhibiting companies. In addition, public institutions presented their technical talks with a focus on entrepreneurship, safety and solar energy solutions.



SOLARIND 2024 Workshop: Energy challenges and solutions to achieve carbon neutrality in the mining industry of northern Chile, through solar energy



50/50 Seminar: Entrepreneurial genetics with denomination of origin



Workshop: Perspectives and commitments for the development of innovation in mining + Demoday



Workshop: Safety in mining with a gender focus

9

SITE VISITS

167 exhibitors and visitors learned on-site about the operations of several mining companies.



SPENCE | BHP



PAN AMERICAN SILVER - EL PEÑÓN



CODELCO - RADOMIRO TOMIC



MINERA CENTINELA



ALBEMARLE



CODELCO - CHUQUICAMATA



MINERA EL ABRA



SQM - COYA SUR



SQM - SALAR DEL CARMEN

3 NETWORKING EVENTS

750 people participated in the three days of presentations by nine companies, who shared their purchasing needs and operational challenges for the coming years, accompanied by their sourcing teams:



DAY 1



DAY 2



DAY 3



326

INNOVATIONS PRESENTED PRIOR TO EXPONOR

Technological products and services and innovations from exhibiting companies, which seek to reduce costs, increase productivity and avoid accidents, were published on the EXPONOR website and disseminated to mining companies and visitors.

Get to know the innovations of the Mine category:

- RZ1-K Nofire**
Elaboradora De Cobre Vina Del Mar S.A.
- Cargador frontal 100% eléctrico Firstgreen Elise 700, 900 y 1200**
Mpm Green Limitada
- Soluciones de unión mecánica para caños de HDPE**
Victaulic Company
- Inclinómetro Volqueta**
Técnica Indústria E Comércio De Equipamentos Eletrônicos
- Equipos mineros eléctricos**
XCMG Financial
- Coberturas Umbra (sistema Keder)**
Catari Chile SpA
- TRITROLLITO**
Compañía Minera Constanza
- "P40 Agile Platform Soluciones de control y Protección de Alimentadores"**
CRT Chile SpA
- Módulo BRT200X4**
Servicios mineros y obras civiles Brochet spa.
- Software para la optimización de la Cadena de Suministro en área de mantenimiento**
Slimstock Spa

Learn about the innovations in the HSEC category:

- Samantha Bot**
Dreamside Ingeniería Informática Integral
- Módulo BRT200X4**
Servicios mineros y obras civiles Brochet spa.
- Empresa relacionada entregara experiencia relacionada a la realidad virtual, inmersión y administración y entrenamiento de riesgos críticos asociados a la interacción con el aprendizaje inversivo.**
Sociedad de Capacitación Jes&dor Ltda.
- Albedo+**
Inacal S.A.
- V-Watch®: Detector Person Voltaje**
Emerson Professional Tools LL
- MotionTech**
Kinin
- Albedo+**
Amplificación de Albedo
Inacal S.A.
- NTN NORWEGIAN TUNNELLING NETWORK**
Método de tunelería Noruego
Norwegian Tunneling Network (NTN)
- Pisos DEX Floors**
Interestelar X Spa
- Alia Instruments non-nuclear density meter.**
Embajada Del Reino de Los Países Bajos En Chile
- uConcrete**
Sistema de monitorización del hormigón
Ulma Andamios Y Moldajes Spa
- NET zero**
Módulo multipropósito
Inves Spa

Learn about the innovations in the Supply category:

- Coberturas Umbra (sistema Keder)**
Catari Chile SpA
- TRITROLLITO**
Compañía Minera Constanza
- "P40 Agile Platform Soluciones de control y Protección de Alimentadores"**
CRT Chile SpA
- Software para la optimización de la Cadena de Suministro en área de mantenimiento**
Slimstock Spa

Learn about the innovations in the Maintenance category:

- Radiografía digital**
Codex Ingeniería Spa
- Sistemas de control tridimensional metrologico para partes y piezas críticas en el proceso productivo minero**
Microgeo S.A
- Sistemas de Detección de Fibra Óptica Distribuida (DFOS) diseñados para aplicaciones de minería industrial**
AP Sensing GmbH
- Rectificadora con freno de gatillo doble M18 FUEL de 4-1/2" / 5"**
Milwaukee Tool
- GET Traikka**
Jansees Minería Spa
- Albedo+**
Amplificación de Albedo
Inacal S.A.
- NTN NORWEGIAN TUNNELLING NETWORK**
Método de tunelería Noruego
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Módulo multipropósito
Inves Spa

9 IMPORTANT MINING COMPANIES

9 important mining companies were present with business centres, with the support of their procurement areas, answering questions from supplier companies and shared their purchasing needs.



ALBEMARLE



ANTOFAGASTA MINERALS



CODELCO



GLENCORE



MINERA EL ABRA



SIERRA GORDA SCM



BHP



TECK



SQM



LAUNCH YOUR INNOVATION CONTEST

30 national entrepreneurs, with innovations aimed at responding to industry challenges, were selected to participate in the Launch Your Innovation platform.



Pitch Day

10 of the technology entrepreneurs presented their project to a jury:

1st place

Cobra Ingeniería y Automatización SpA



2nd place

WM Technologies



Sponsored by:



ESCONDIDA | BHP

OPPORTUNITIES FOR LOCAL BUSINESSES

A showcase for small and medium-sized companies to promote their products and services, by subsidizing their participation.

- » The #EstaremosEnExponor2024 program granted exhibitor status to 53 small companies from the Tarapacá, Antofagasta and Atacama regions.
- » 21 of the AIA's member companies participated in its SME Pavilion.

#EstaremosEnExponor2024



SME Pavilion



SUPPLEMENTARY ACTIVITIES

Sierra Gorda SCM: “Connected suppliers: sustainability dimension”

At this event, the company shared its vision and tender processes for the next two years with representatives of 80 supplier companies, who signed a commitment to work with a focus on sustainability.



INTERNATIONAL RECEPTIONS

Networking/social activities organized by embassies and international representatives, to promote the relationship between foreign companies and the industry.



ARGENTINA



BRAZIL



GERMANY, AUSTRIA AND SWITZERLAND



PERU



UNITED STATES



UNITED KINGDOM



AUSTRALIA AND CANADA



THE CULTURAL HERITAGE OF THE ANTOFAGASTA REGION SHOWCASED FOR THE WORLD

Heritage exponents from the nine counties of the region showed their talent and creativity to the attendees of the showcases with works in various techniques: art in leather, wood, looms, cacti, volcanic stones, native pottery, among others.



EXPONOR CHILE 2024

STRATEGIC PARTNERS:



SPONSORS:



OFFICIAL MEDIA:



ORGANIZER:

ANTOFAGASTA INDUSTRIAL ASSOCIATION



ANTOFAGASTA
INDUSTRIAL
ASSOCIATION



EXPONOR is organised by the Antofagasta Industrial Association, AIA, a recognised Chilean trade association with 80 years of work in the area of development and sustainable growth of the Antofagasta Region.

The AIA brings together 300 large mining and energy companies and the main suppliers of goods and services in the sector, with the aim of representing their interests to strengthen and consolidate productive chains, by promoting initiatives aimed at economic, social and harmonious development, adding value through its work.

Among its events, it organises the international mining and energy exhibition EXPONOR, Mining Month, activities for connecting and training human capital, business improvement and development, business seminars and platforms, with a marked tendency towards promoting shared value.

In addition, it is a precursor to strategic projects such as the SICEP, the Don Bosco Antofagasta and Calama Vocational School, the Shared Value Programme and the Business Development Centre.

