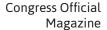




# XV INTERNATIONAL CONGRESS ON ENERGY AND MINERAL RESOURCES

NOVEMBER 22-24th, 2023 www.congresominerialeon.org



XV INTERNATIONAL CONGRESS OF ENERGY AND MINERAL RESOURCES





The 15<sup>th</sup> International Congress on Energy and Mineral Resources will take place in **León in November** and will bring together more than 400 professionals/150 companies, students, and technicians from the sector that will address issues of common interest.

# OBJECTIVES FOR THE 15<sup>TH</sup> CONGRESS ON ENERGY AND MINERAL RESOURCES

The Higher Council of Mining Engineer Associations of Spain has entrusted the organization of the 15<sup>th</sup> Congress of Energy and Mineral Resources to be held in November 2023, in the city of León, to the Official Association of Mining Engineers of the Center of Spain (COIMCE).

The COIMCE proudly accepted this important challenge for the profession of Mining and Energy Engineers, and intends to achieve the following priority objectives of the Congress:

- 1) Disseminate and publicize Energy and Mineral Resources as a whole, to society; and for this purpose, the phrase "Working for Society" has been chosen as the motto and "leitmotif" of the Congress.
- 2) Energy and the treatment and management of Mineral Resources are essential activities for society. Energy is a central element of development. With this, investments, innovation, and new technologies that are the engines of job creation and growth for society become possible. Minerals and mineral raw materials are necessary and essential elements for improving the quality of life of citizens.
- 3) It is the task of this Congress to give its own place to mineral resources and mining in general in the planning of the territory, highlighting the need for land use, and at the same time, its temporary nature. For this, the first and most important step would be to facilitate the recognition of mineral resources and then have them taken into account in the land-use planning models.
- 4) It is necessary and vital to convey to society the economic importance and environmental sustainability of the Energy sector in all its forms and of Mineral Resources as a whole, highlighting both Energy and these Mineral Resources as a source of wealth and employment.
- 5) The dissemination action of our day to day in Energy and Mineral Resources to society, is a great challenge. There is no point in creating a very good industry in Energy and Mineral Resources if it is not conveyed to the whole of society and it comes to understand it. We must reach public opinion at all levels. We, the scientific community, have the obligation to raise awareness and reasonably disseminate and explain in terms that are accessible and that can reach all citizens, the issue of Energy as a whole, considering all forms of it, including new forms of energy, together with the management of mineral resources what would be the basic objective of this Congress, its dissemination within the Organization of this Congress. It is necessary to increase the information and proximity of citizens to Energy and Mineral Resources.



- A very important value to highlight is social license, which was already defined in 1997 at an International Mining Congress in South America. License means asking permission to do something. And precisely, what has happened in recent years for Energy or Mineral Resources projects in Asia, Africa, America, Oceania, and even in Europe itself, is that when there is no social license, the projects do not move forward: there is a long list of projects that have been stuck indefinitely throughout the world. The concept simply exists; it has been created by the companies themselves, and if it is to be coherent, the concept has to become a concrete practice and not just institutional image discourse. Hence the importance of disseminating and publicizing our projects to society.
- 7) In the Rio de Janeiro Declaration (1992), in its principle #3, Sustainability was defined as meeting the needs of the present generations without compromising the possibilities of future generations to meet their own needs, balancing the environmental, social, and economic dimensions. Universal access to an affordable, reliable, and sustainable level of Energy (Sustainable Development Goal 7) is the focus of efforts to address climate change and reduce CO<sub>2</sub> emission limits.
- 8) The term social responsibility of organizations encompasses "compliance," which is its basis, and good corporate governance which is "compliance," with the relevant part of the laws and regulations and therefore also part of that responsibility. The term to refer to CSR or Sustainability is ESG, Environment, Social, and Governance ("Compliance"), where the G refers to good corporate governance. In fact, good corporate governance is "compliance" with relevant laws and regulations. It is an obligation to do outreach in our companies for these terms that are so important for the future of society.
- 9) In short, it is a matter of social risk, and knowing what risk society is capable of assuming that allows us to have a competitive industry in the field of Energy and Mineral Resources at the international level, to implement a social model and economic according development in accordance with the expectations generated by citizens and to give a clear signal of the role that the protection of the environment plays in the field of the work developed by Mining and Energy Engineers, increasing at all times and promoting communication initiatives with the groups potentially affected by the facilities.
- 10) The aspect of sustainability as a scale of the impact that the solutions presented along the way to solve the challenges of the future for Energy and Mineral Resources will have on society today and in the future play an increasingly important role.

# WE ENCOURAGE YOU TO BOOK YOUR CALENDARS FROM NOVEMBER 22-24, 2023

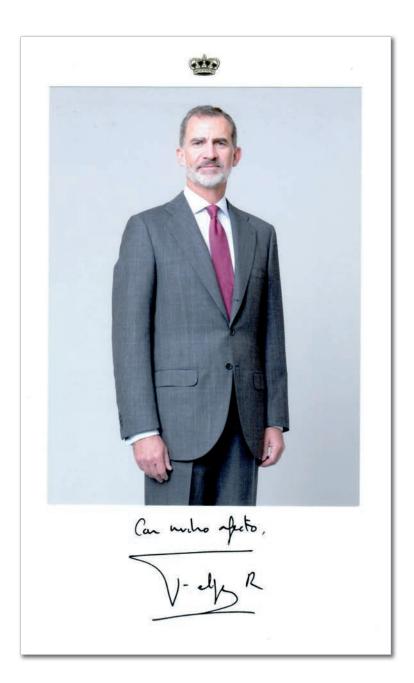
TO ATTEND THE 15<sup>TH</sup> INTERNATIONAL CONGRESS
ON ENERGY AND MINERAL RESOURCES



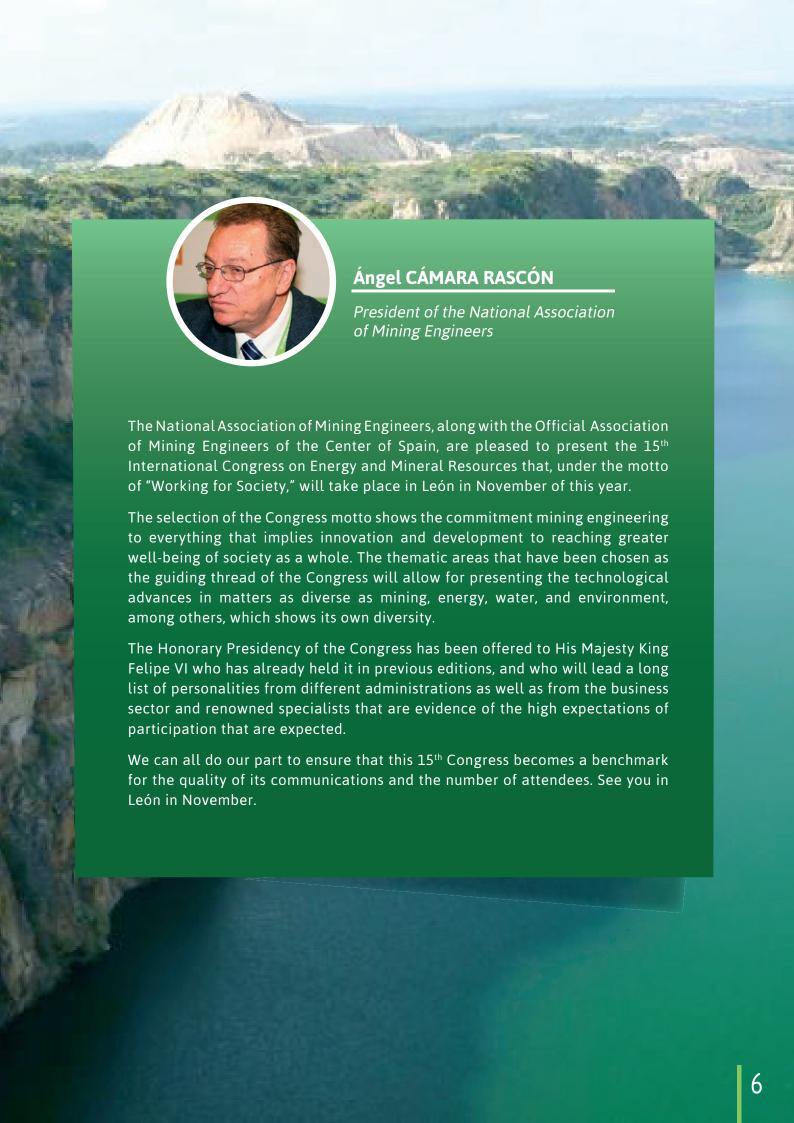
## **HONORARY COMMITTEE**

## **Honorary President**

His Majesty the King of Spain Felipe VI









## HONORARY COMMITTEE

## **Vice Presidents**

President of the Junta de Castilla y León

Mayor of León

President of the National Association

of Mining Engineers

Dean of the Official Association of Mining Engineers

of the Center of Spain

President of the Government Pedro Sánchez Pérez-Castejón

Alfonso Fernández Mañueco

José Antonio Diez Díaz

Ángel Cámara Rascón

Alfonso Vázquez Varela de Seijas

### Members

Fourth Vice President and Minister for the Ecological Transition and the Demographic Challenge

Minister of Industry, Commerce and Tourism

President of the Junta de Extremadura

President of the Comunidad de Madrid

General Director of Energy Policy and Mines

Deputy Director General of Mines. Ministry for Economic Transition and the Demographic Challenge

Counselor for the Ecological Transition and Sustainability of the Junta de Extremadura

Counselor of Economy, Employment and Competitiveness

of the Comunidad de Madrid

Minister of Economy and Finance of Junta

de Castilla y León

General Director of Industry, Energy and mines of the Junta de Extremadura

General Director of Economic and Industrial Promotion.

Madrid's community Director General of Decarbonization

and Energy Transition of the Community of Madrid

General Director of Energy and Mines of the Junta de Castilla y León

General Director of Energy and Mines of the Junta de Castilla y León

Mayor of Madrid

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President of CONFEDEM

President of COMINROC

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Mercedes Morán Álvarez

Rocío Albert López-Ibor

Carlos Javier Fernández Carriedo

Raquel Pastor López Ruiz

José Luis Gross Iribas

Cristina Aparicio Maetzu

Carmen Montañes Fernández

Alfonso Arroyo González

José Luis Martínez-Almeida Navasgüés

**Javier Targhetta Roza** 

Vicente Gutiérrez Peinador

José Manuel Cascarejo

Fernando Manuel de Almeida Santos

José Trigueros Rodrigo

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- President. Javier Targhetta Roza
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  - Metallurgy, Steel and new materials. José Luis Tejera Oliver
  - Energy. José Luis del Valle Doblado
  - Environment. María Cubillo Sagüés
  - Water. Juan Antonio López Geta
  - Engineering Challenges. Eloy Álvarez Pelegry
  - Strategic Resources. Carlos López Jimeno

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- Vice-President. Alfonso Vázquez Varela de Seijas
- General Secretary. Mª Dolores Norte Gómez
- Technical Secretary. David Fernández López
- Treasurer. Javier Fernández
- Delegate in León. Elías García Fernández

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- José Ramón Berasategui Moreno
- Antonio Bernardo Sánchez
- Juan José Fernández Díaz
- Jose Bernardo González Sánchez
- Antonio Ruiz Perea
- José Antonio García Mendoza
- José Luis Leandro Rodríguez
- Juan Ignacio López-Escobar Fernández
- Patxi Elorza Tenreiro
- David Fernández López



# THEMATIC AREAS

### **01 MINING AND MINERALURGY**

- **01-1** Exploration and Research
- **01-2** Underground mining
- 01-3 Open pit mining and ground engineering
- 01-4 Metal mining
- 01-5 Mining of aggregates and other non-metallic minerals
- **01-6** Machinery
- 01-7 Mineralurgy and treatment plants
- **01-8** Explosives

#### **02 METALLURGY, STEEL AND NEW MATERIALS**

- 02-1 Innovation in metallurgical and steel processes
- 02-2 Metallurgy of new materials
- 02-3 Metal recycling

#### **03 ENERGY**

- **03-1** Nuclear energy. Fission, new developments in fusion, and management and treatment of radioactive waste
- 03-2 Thermal energy. Coal, gas, and oil. Utilization, processing, transport, and management
- 03-3 Renewable energies. Wind, photovoltaic, thermosolar, hydraulic, mini-hydraulic, and others
- 03-4 Energy efficiency
- **03-5** Storage, transport and distribution of energy. Hydrogen.

### **04 ENVIRONMENT**

- **04-1** Air and water conditions. Examples of success
- 04-2 Effects on flora and fauna. Environmental risk management
- 04-3 Prevention of conditions and restoration of the environment
- **04-4** CO<sub>2</sub> capture, use, and storage Climate change
- 04-5 Environmental legislation and training

#### **05 WATER**

- **05-1** Superficial and underground waters. Use and water security, improvement of efficiency and digitization, aquatic ecosystems and climate change
- 05-2 Regenerated and desalinated water. Technologies, use, and integration in water management
- 05-3 Research, protection, and development of mineral and thermal water
- 05-4 Water in mining. Challenges and benefits

#### **06 ENGINEERING CHALLENGES**

- **06-1** Digitalization
- 06-2 Social acceptance of mining, energy, and industry
- 06-3 University training and international accreditation
- 06-4 Health and safety in mining, industry and construction sites

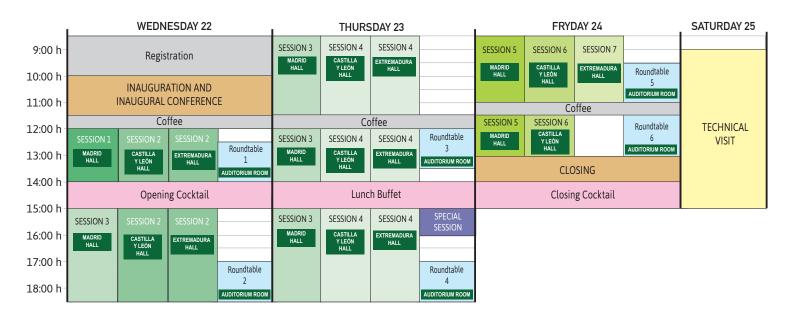
#### **07 STRATEGIC RESOURCES**

- **07-1** Mineral resources for the industry of the 21<sup>st</sup> century
- 07-2 New sources of energy. Economy and reliability
- 07-3 Geostrategy of mineral and strategic resources



# **TECHNICAL PROGRAM**

## November 2023



- SESSION 1 METALLURGY, STEEL AND NEW MATERIALS. **Area 02** MADRID HALL

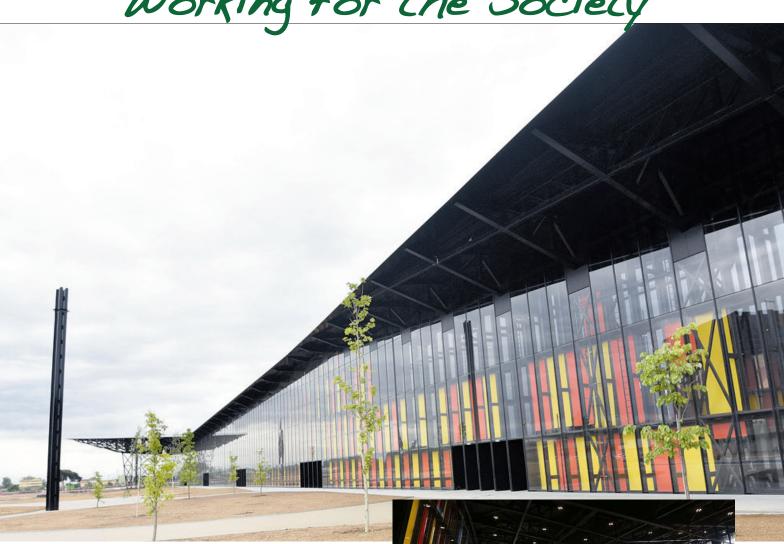
  SESSION 2 ENGINEERING CHALLENGES. **Area 06** Sala CASTILLA Y LEÓN. EXTREMADURA HALL

  SESSION 3 ENVIRONMENT. **Area 04** MADRID HALL

  SESSION 4 MINING AND MINERALURGY. **Area 01** CASTILLA Y LEÓN HALL. EXTREMADURA HALL

  SESSION 5 ENERGY. **Area 03** MADRID HALL

  SESSION 6 STRATEGIC RESOURCES. **Area 07** CASTILLA Y LEÓN HALL
- SESSION 7 WATER. **Area 05 -** EXTREMADURA HALL
- Roundtable 1 "ROLE OF WOMEN IN MINING AND ENERGY OF THE 21<sup>ST</sup> CENTURY". Wednesday 22
- Roundtable 2 "SOCIOLOGICAL IMPACT OF MINING IN SPAIN". Wednesday 22
- Roundtable 3 "DIGITALIZATION". Thursday 23
- Roundtable 4 "RAW MATERIALS ROADMAP". Thursday 23
- Roundtable 5 "IS AN ENERGY MIX POSSIBLE IN SPAIN WITHOUT NUCLEAR AND COAL?". Fryday 24
- Roundtable 6 "MINE WATER VALUATION, RECOVERIES". Fryday 24



# **CONGRESS VENUE**

The place chosen to hold the congress is the Exhibition and Convention Center of LEÓN.

The Center has a large total area of 11,000 m<sup>2</sup> with sufficient parking and a perfect location right next to the highspeed train station, and just a 10-minute walk from the center, crossing the bridge over the river Bernesga to access the Avenida de Ordoño II and the city center. From there, in just a few minutes you can visit the historical and interesting places of León.



# REGISTRATION (Congress dinner not included)

| •   |              |
|---|--------------|
| - Early registration(Before July 1st, 2023)   | € 450        |
| - Normal registration(From July 2 <sup>nd</sup> to October 29 <sup>th</sup> , 2023) | € <b>565</b> |
| - Registration with surcharge(From October 30th, to November 22nd, 2023)            | € 700        |
| (110111 October 30 , to November 22 , 2023)   |              |

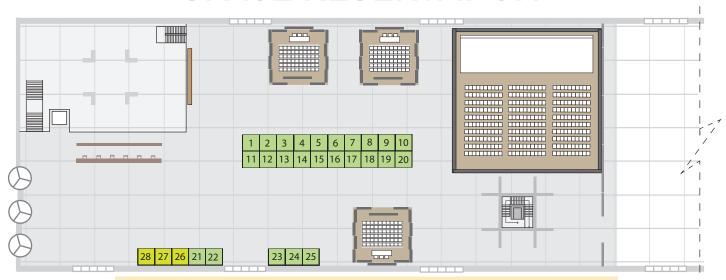
- Unemployed people ...... € 250

# REGISTRATION FEES

## **OTHERS**



# SPACE RESERVATION



**OUTDOOR EXHIBITION AREA (MACHINERY)** 

## Standard Stand 3x3 m

### Only space reservation

 $(3x3 \text{ m}) 9 \text{ m}^2 = \text{ } 2,500 + \text{VAT}$ 

### Standard stand (space + modular stand)

 $(3x3 \text{ m}) 9 \text{ m}^2 = \text{ } 4,000 + \text{VAT } (2.5 \text{ m high})$ 

### Special spaces available upon request

The modular stand rates include the following services:

- Exhibition carpet
- Aluminum profile and white melamine sheets
- Company signage on the 32 cm high front
- General stand lighting
- Maximum two-phase panel of 2,100 W (power of the connection).
- A plug
- 10 Invitations and exhibitor for Stand contracted + 1 registration with Formal Dinner
- Daily stand cleaning
- Mandatory insurance

# SPONSORSHIP MEDALS

GOLD

€ 7,500 + VAT



SILVER

€ 5,000 + VAT



**BRONZE** 

€ 3,000 + VAT



CERTIFICATION

€ 2,000 + VAT





# **Gold Sponsor Benefits**

- Interview on the Congress website with a manager
- Banner on the Congress bulletins
- Sponsorship promotion on Congress social networks
- Logo incorporation on posters and promotional material
- Six registrations for the Congress (2 of them with the right to Formal Dinner)
- Preferred logo on the website



# Silver Sponsor

- Banner on the Congress bulletins
- Sponsorship promotion on Congress social networks
- Logo incorporation on posters and promotional material
- Three registrations for the Congress (1 of them with the right to Formal Dinner)
- Preferred logo on the web



# **Bronze Sponsor**

- Sponsorship promotion on Congress social networks
- Logo incorporation on posters and promotional material
- Two registrations for the Congress
- Logo on the website



## Benefits of Certification

- Logo incorporation on posters and promotional material
- One registration for the Congress
- Logo on the website

# SPONSORSHIP OF SPECIFIC ACTIVITIES

- STEM session 3.000 €

- Wi-Fi 2.000 €

- Attendee's Backpack/Bag

Exclusive 6.000 €

Shared 3.500 €

- "Safety Minute" at the beginning

of the Congress 3.000 €

- CO<sub>2</sub> footprint monitoring 4.000 €

- Welcome cocktail Wednesday, 22 6.500 €

- Lunch Thursday, 23 8.000 €

- Farewell cocktail Friday, 24 5.000 €

- Coffee Thursday or Friday 2.000 €

- Cocktail for the gala dinner 10.000 €











# **TECHNICAL VISIT**

The technical visit will take place on **Saturday, November 25** th.

The destination is the **Santa Bárbara Mine of the Santa Bárbara Foundation** of the Community of Castilla y León.

The headquarters of the Foundation are located in the province of León, in the Bierzo region, between the municipalities of Folgoso de la Ribera and Torre del Bierzo, in the center called *Escuela Laboral del Bierzo*, or traditionally as it is known. **Bierzo mine-school.** 

To sign up for this (free) activity, a registration will be opened on the Congress website. Until full capacity is reached.







