



ICAMCyL launches officially its Newsletter!

From now on you will receive periodically the ICAMCyL Newsletter highlighting recent activities of the Foundation, information about current projects and any other relevant news and events.

ICAMCyL, a reference Competence Center in raw materials and advanced materials

Founded by some of the **main industries** from the Castilla y León region in Spain from the mining automotive, glass and transport sectors, and with the **support of the regional government**, ICAMCyL is a non-profit private research foundation and competence center boosting innovation in in raw and advanced materials for the industry. ICAMCyL valorises Castilla y León endogenous richness in raw materials, in line with its **Smart and Intelligent Specialization Strategy (RIS3)**, promoting innovation and improving competitiveness in the sector of advanced materials for the regional network of industries.



Raw materials and mining of the XXI century
Novel and improved exploration, processing and classification methods



[Read More](#)

NEWS

ICAMCyL promotes the creation of the Iberian Sustainable Mining Cluster (ISMC - IBERIA MINE) (León, 27th September 2018)

On July 2018, the Iberian Sustainable Mining Cluster (ISMC - IBERIA MINE) was officially constituted. The cluster, promoted and managed by ICAMCyL Foundation, covers the **full value chain** of sustainable mining, including key industrial players from extractive and processing industry, **DEMO** mining sites up to support activities like safety, training or environmental sustainability.

The official opening event took place in The León Technology Park on the 27th September 2018 with the support of the authorities and Government of Castilla y Leon. Now almost 40 enterprises are already part of the cluster, which is devoted to generate richness, increase the competitiveness of SMEs and promote new opportunities for the mining sector in Spain. The cluster has a national and international dimension and scope, being strongly connected with the **regional RIS3 strategies** and linked with all the major European Raw Materials Initiatives (**EIT KIC Raw Materials** and **EIP Raw Materials**).

The IBERIA MINE cluster ensures the **availability for EU of 16 raw materials** (8 of them classified as critical according to the 2017 list).

ICAMCYL holds the *General Management, Executive Secretary and Technical Direction* of the IBERIA MINE-ISMIC cluster.





Industrial Workshop Event co-organised by ICAMCyL in the frame of the Raw Materials Week 2018

On the week of 12th November the [Raw Materials Week 2018](#), one of the most relevant events in the raw materials calendar, is held for the 3rd time in Brussels. An exciting week full of opportunities for collaboration and ICAMCyL team will be there to attend all the sessions and participate on the H2020 Brokerage Event and poster session. ICAMCyL is excited and proud to team-up with the COST Action [CRM-EXTREME](#) to organise on Monday 12th the Industrial Workshop entitled **"Raw Materials in the Core of EU Industrial Value Chain"** at Hotel Marivaux to discuss the role of raw materials in the main core EU industrial value chains. The workshop will gather international experts and stakeholders in the raw materials sector, with representatives of the automotive, automation, capital goods, steel and energy industries amongst others, to debate and discuss raw materials policies and initiatives.

Relevant industrial cases, including value and successful cases from SMEs, will be presented; and a specialised session on regional strategies and industrial competitiveness in the raw material sector will also take place. Finally, a synergy boot camp featuring a poster and networking session alongside an elevator pitch for SMEs working in the raw materials sector will be also organised. A **#Savethedate** has just been announced, more details including the Final Agenda and details for the /pitch/poster/networking session will be announced soon.

Preliminary Agenda and free registration [here](#)

Free attendance but registration is compulsory. Limited spaces available.

Monday 12th November 2018
(in the frame of the Raw Materials Week)
Venue: Federico Fellini Room - Hotel Marivaux (Brussels)

#Savethedate

Raw Materials Industrial Workshop
"Raw Materials in the Core of EU Industrial Value Chain"

Final Agenda and registration details available soon

Organisers:





PROJECTS

ICAMCYL is currently participating in several European projects from funding programmes like Horizon 2020, COST or KIC Raw Materials. In this Section we will be highlighting some of them.



Mining and Metallurgy Regions of Europe

Call: H2020-SC5-15-2016-2017: Raw materials policy support actions (CSA)

Network of mining and metallurgy regions across Europe with the aim of securing the sustained and sustainable supply of raw materials to the EU.

www.mireu.eu/



Advanced Materials Solutions for Next Generation High Efficiency Concentrated Solar Power (CSP) Tower Systems

Call: H2020-NMBP-2016-2017

Development of a set of innovative materials to boost the performance of atmospheric air-based concentrated solar power (CSP) systems to make them commercially viable.

www.h2020-nextower.eu

Full list of projects



FORTHCOMING EVENTS



Mission 10.000: International nanoGateway Conference (17th October 2018, Braga - Portugal)

Cross-disciplinary event covering Key Enabling Technologies (KETs) like agriculture, water or food. ICAMCyL will be at the conference and also attending a preparatory session for nanoRIS3 interregional network. [+info](#)



Horizon 2020 Space Information Day Calls 2019

24 October 2018
CDTI Auditorium, C/ Cid 4, Madrid



Infoday H2020 Space (24th October 2018, Madrid)

Presentation of forthcoming H2020 calls related to space and defense. ICAMCyL will participate by making a short presentation of our modelling and simulation capacities. [+info](#)



Workshop on "Liquid metal technology: materials issues in fusion, fission and solar energy applications"

6-7 November 2018

CIEMAT
Avda. Complutense 40 - Madrid (Spain)

Workshop "Liquid Metal Technology" (6-7th November 2018, Madrid)

Overview of the current knowledge concerning compatibility issues between materials and heavy liquid metals in fusion, fission and solar thermal energy technologies. [+info](#)





Raw Materials Week (12-16th November 2018, Brussels)

A unique opportunity for the raw materials community to discuss and exchange on all relevant issues: policy, technology, international cooperation, framework conditions, knowledge base etc. [+info](#)



THE 12TH ANNUAL
CSP MADRID 2018
CONFERENCE & EXHIBITION
13-14 NOVEMBER 2018 • HOTEL NH MADRID VENTAS

Workshop "Produce Cost Effective Heat Energy from CSP" (14th November 2018, Madrid)

Within the CSP Madrid 2018 Conference and Exhibition, a unique opportunity to discuss business models and the technology. ICAMCYL will attend this event with two of its senior researchers. [+info](#)

CAREERS

ICAMCYL is looking for **exceptional candidates** to join our multidisciplinary team.

If you have a degree (**preferably a PhD**) in a **technical discipline** (Chemistry, Physics, Engineering, Environmental Sciences, etc.), an **excellent track-record** (publications, participation in projects, business development), **advanced English skills** and would like to join our project contributing to any of our Scientific Divisions, please send us your CV to: europa@icamcyL.com including a cover letter and the names of two referees. We are currently interested in advanced/senior profiles within the following areas:

- Mining and processing
- Advanced functional (nano)materials
- Additive manufacturing and Industry 4.0
 - Materials design and modelling
- Raw materials and the circular economy
- Batteries and other energy systems



OTHER NEWS

New ICAMCyL website completed and fully functional!

We are very happy to announce that our website is now fully functional! From now on you can access a wide range of information regarding our Foundation, including scientific and administration Divisions, current research projects, our singular projects to develop world-class laboratories, key national and international alliances, our International Advisory Committee and the participation of ICAMCyL in relevant technology platforms, associations, networks and clusters. You can also access news, events and calls of interest, and register for our newsletter.

The website is available in English and Spanish.

[Visit the website](#)

Our mailing address is:

ICAMCyL Foundation

International Center for Advanced Materials and Raw Materials of Castilla y Leon

Parque Tecnológico de León, Edificio de Usos Múltiples

C/ Julia Morros s/n Primera Planta, Oficinas 106-108

24009 Armunia (León), SPAIN

www.icamcyl.com

