



# International Workshop

## METALS FOR ELECTRIC MOBILITY

Li

Ni

Co

Mn

REE



8 and 9 March 2023, Nancy, France

Complete the [Inscription Form](#) before 15 January 2023 to participate!

To know more contact us via [edc-labex-ressources21@univ-lorraine.fr](mailto:edc-labex-ressources21@univ-lorraine.fr)

The European Union climate neutrality by 2050 objective is a necessary but also — a very resource-intensive initiative. In the fight against the climate change in the circular economy framework, a great awareness, coordination and innovations across all aspects of material production are required. One of the major predicted consumers of the green technology metals is electric mobility. Cobalt, lithium, rare earth elements, manganese, nickel – all these metals and more are required for production of an electric vehicle.

The International Workshop dedicated to the Metals for electric mobility organized by LabEx RESSOURCES21 is aimed to promote networking and fruitful exchange between the scientists and the industrial representatives and to spread awareness among the younger audience in regard to the challenges and the state-of-art across the major electric mobility-related fields.

### SOCIOECONOMIC IMPACT



*The EU's battery recycling needs and opportunities*

Rajapandian RAJAGOPAL  
Recycling Project Manager



*Battery recycling, an energy transition challenge for Europe*

Justo GARCIA  
Head of Financing Strategy



### EXTRACTIVE METALLURGY



*Centenario-Ratones lithium project of Eramet*

Fabien BURDET  
Technical Director



*Biosourced nickel as raw material for electric vehicles*

Baptiste LAUBIE  
Associate Professor



*Eramet Sonic Bay : a major project to produce battery grade salts*

Laurent JONCOURT  
President of Eramet Ideas



### TRANSVERSAL SUBJECTS



*Decarbonation & sovereignty - Key drivers and changes observed from a legal standpoint*

Mathias DANTIN  
Lawyer



### GEOSCIENCES



*Lithium and rare metal granites in Portugal*

António MATEUS  
Full Professor



*REE in East African carbonatites (focus on Burundi) : potential and genesis*

Philippe BOULVAIS  
Associate Professor



*New insights on the Ni-Co-Sc ore formation in New Caledonia*

Yoram TEITLER  
Geologist



### RECYCLING



*Hydrometallurgical processing of rare earth elements*

Kerstin FORSBERG  
Associate Professor



*Challenges for recycling end of life EV batteries*

Bertrand MOREL  
Director of R&D



*Lithium-ion battery recycling: today and future technologies*

Mahmood ALEMRAJABI  
Director Hydrometallurgy Process

