



International Workshop METALS FOR ELECTRIC MOBILITY

Ni

REE

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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

The European Union climate neutrality by 2050 objective is a necessary but also — a very resourceintensive 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



orano

TRANSVERSAL SUBJECTS



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



EXTRACTIVE METALLURGY



Centenario-Ratones lithium project of Eramet



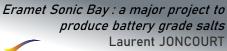
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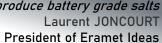
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Fabien BURDET Technical Director



Biosourced nickel as raw material for electric vehicles Baptiste LAUBIE Associate Professor







RECYCLING



Hydrometallurgical processing of rare earth elements Kerstin FORSBERG Associate Professor



Challenges for recycling end of life EV batteries **Bertrand MOREL**

Lithium-ion battery recycling: today



Director of R&D



and future technologies Mahmood ALEMRAJABI northvolt Director Hydrometallurgy Process

