

Today, we are in the middle of disruptive innovation in emerging green energy, e-mobility and clean technology, which has been triggered by pressing societal challenges. The growing need for carbon-neutral technology creates a strong demand for minerals, metals and advanced materials.

How do we approach this challenge? What is the European Commission's take on the situation? Which innovations will ensure raw materials are a strength for Europe? Join the RawMaterials Summit 2021 where we will address all the pressing raw materials challenges for Europe!

## RawMaterials Summit 2021 programme

### OPENING PLENARY

09:00 – 09:30

**Big challenges need big ideas!** Innovation, education, entrepreneurship: for the minerals, metals and advanced materials sector to facilitate the coming green and digital transformations, we must harness the power of these across the whole raw materials value chain.

#### SPEAKERS

**Mariya Gabriel**, European Commissioner for Innovation, Research, Culture, Education and Youth

**Bernd Schäfer**, CEO and Managing Director, EIT RawMaterials

Discussion moderated by **Karin Helmstaedt**, Journalist, Deutsche Welle

### EDUCATION AND INNOVATION IN RAW MATERIALS

09:30 – 11:00

**Big ideas need innovators!** For the raw materials sector of tomorrow to take shape, we need to equip the students and professionals of today with new skills. How can we ensure that we are educating future changemakers with the skills needed to innovate and become the next generation of entrepreneurial champions who will help solve our greatest societal challenges? Join the discussion and get inspired by the innovation journeys of leading EIT RawMaterials start-ups and scale-ups.

#### SPEAKERS

**Didier Zimmermann**, Education and Innovation Director, EIT RawMaterials

**Elisabeth Clausen**, Director at Institute for Advanced Mining Technologies (AMT) at RWTH Aachen University

#### Start-up success stories

**Mari Tenhunen**, CEO, TimeGate Instruments

**Martyna Szydłowska**, CEO, Fractuscan

**Frank Jackel**, CEO, Metalshub

**Iakovos Yakoumis**, CEO, Monolithos Catalysts & Recycling

**Frédéric Goettmann**, President and CTO, Extractive

#### Panel Discussion

## EUROPEAN RAW MATERIALS ALLIANCE (ERMA)

11:30 – 13:00

**Innovators need allies!** The European Raw Materials Alliance (ERMA) was established in 2020 to secure access to critical and strategic raw materials, advanced materials, and processing know-how for EU industrial ecosystems. Find out from top policymakers and industry executives how ERMA is tackling the challenge and what's in the investment pipeline of our Alliance.

### SPEAKERS

**Maroš Šefčovič**, European Commission Vice-President for Interinstitutional Relations and Foresight

**Thierry Breton**, European Commissioner for Internal Market

**Bernd Schäfer**, CEO and Managing Director, EIT RawMaterials

### Industry vision

**Christel Bories**, CEO, ERAMET

**Jan Moström**, CEO, LKAB

**Javier Targhetta**, President, Atlantic Copper; Senior Vice President Marketing & Sales, Freeport-McMoRan

**An Steegen**, CTO, Umicore

### Panel Discussion

## PARADIGM SHIFT IN CIRCULAR ECONOMY

14:00 – 15:30

**Going full circle – together!** Creating a Circular Economy is vital to the success of the EU Green Deal. However, to make it happen, a successful interplay between policy, regulation, process innovation and new business approaches is key. Hear from leading raw materials experts, industrialists and trend-setters on Europe's road to a truly green and circular economy.

### SPEAKERS

**Moderator - Karl Vrancken**, Research Manager Sustainable Materials, VITO

**Janez Potočnik**, Co-Chair of UN International Resource Panel

**Carlos Rich**, Strategy Officer and Director International Division, Atlantic Copper

**Olivier Brousse**, Senior Executive Vice President Strategy & Innovation, Veolia

**Erwin Coolen**, Director, ECHT

**Frédéric Carencotte**, Founder, CARESTER

### Panel Discussion