



# EC's Raw Materials Information System (RMIS)

Coherent, Quality-Assured EU-level knowledge across services

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GSEU, 19<sup>th</sup> October

# Raw Material Information System (RMIS)

## Strengthening CRM Act Knowledge Base - Examples

### Risk Analyses and Diversification

CRM Methodology and Assessment

Ukraine: In-depth analyses of metals/minerals affected, risks, and future supply forecasts/options

CRM Act – inputs on CRM future supply potentials vs demand forecasts (foresight)

Export Restrictions – rapid analyses on Gallium/Germanium situation and options

Advanced Materials

### Circularity/Waste Management

Future-orientated modelling of CRMs for batteries Regulation

Analyses of CRMs in vehicle fleets for End-of-Life Vehicles Regulation

...



### Monitoring

Circular Economy Indicators – methodology and data for self-sufficiency and recycle rates

Raw Materials Scoreboard

CRM Act

### Environmental Footprint, Due Diligence

Product Environmental Footprint

Due Diligence – analyses of certification impacts in DRC test cases

Environmental Analyses

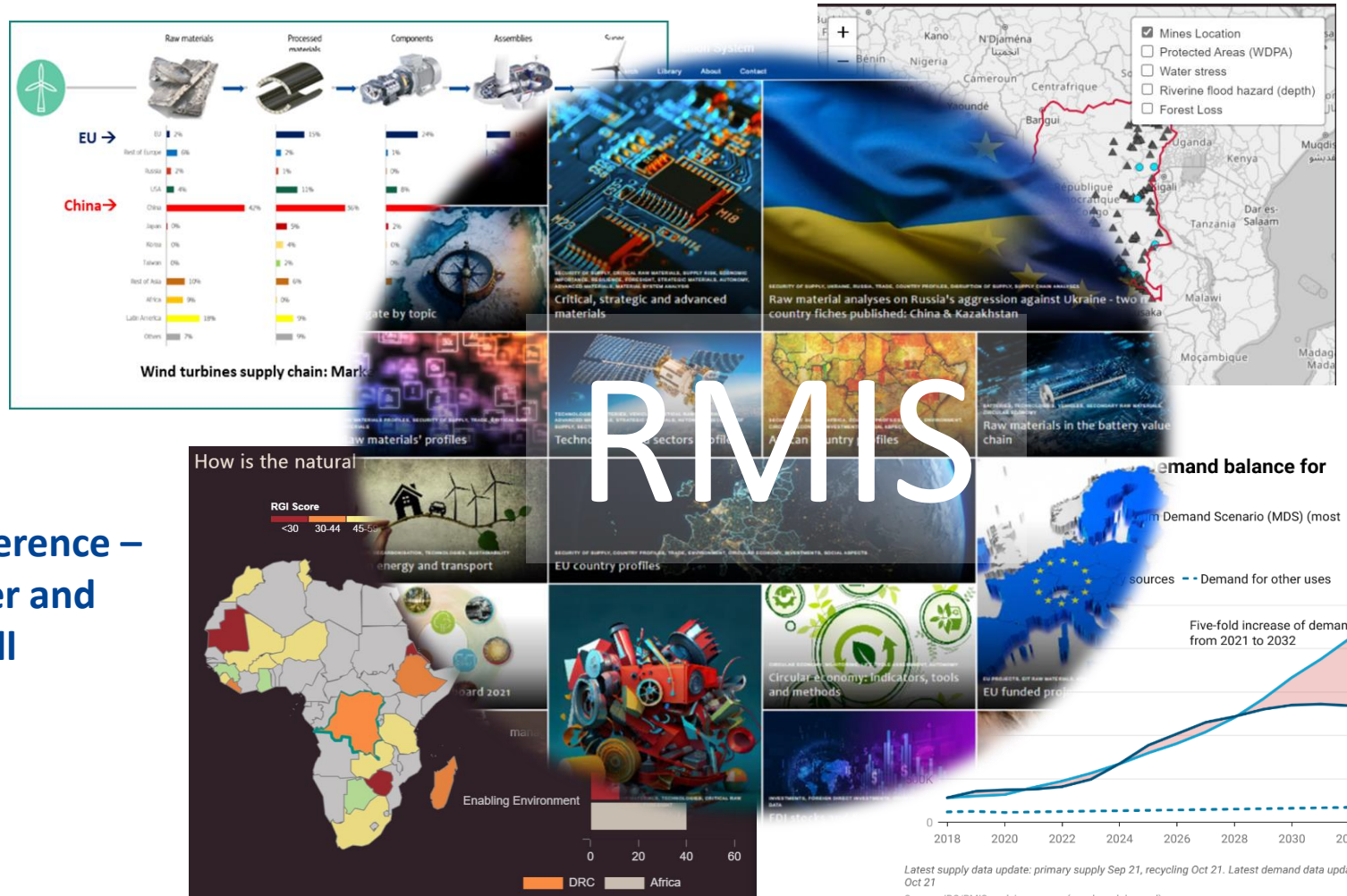
### International Development and Partnerships

Development – African country profiles; ongoing for e.g. LAC

Raw materials trade reports

# Raw Material Information System (RMIS)

## Strengthening CRM Act Knowledge Base - Keypoints



Knowledge Interactions and Integration

Rapid EU-level knowledge access and analyses

Dissemination

Integration/Coherence – Working together and Knowledge for all

Latest supply data update: primary supply Sep 21, recycling Oct 21. Latest demand data update: Oct 21  
Source: JRC/RMIS work in progress (supply and demand)



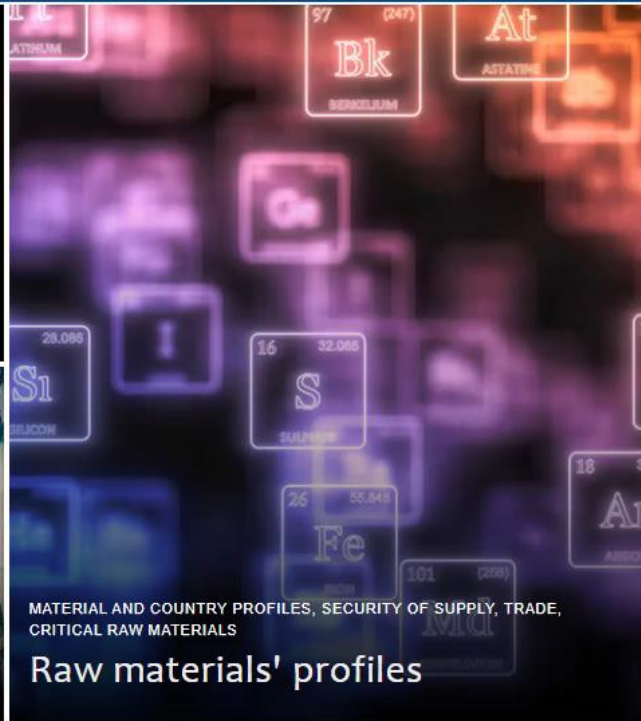
Research and innovation

# RMIS – Raw Materials Information System

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News and events



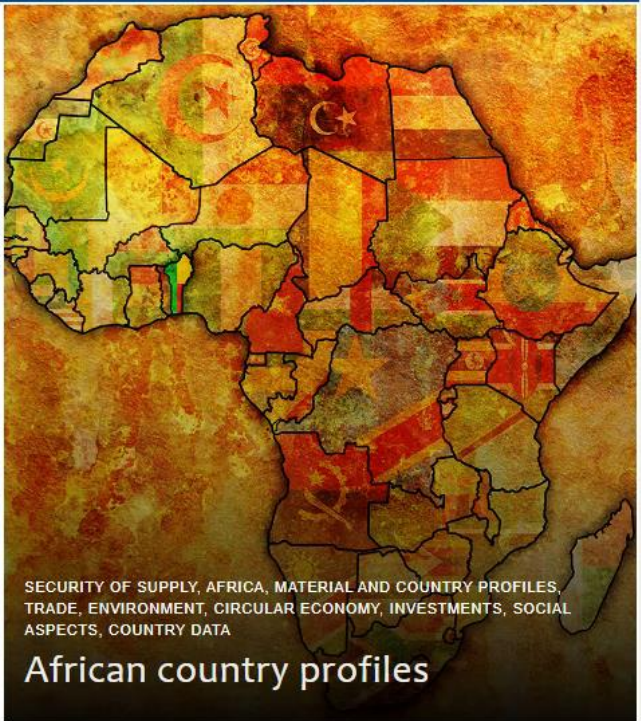
MATERIAL AND COUNTRY PROFILES, SECURITY OF SUPPLY, TRADE, CRITICAL RAW MATERIALS

Raw materials' profiles



TECHNOLOGIES, BATTERIES, VEHICLES, CRITICAL RAW MATERIALS, ADVANCED MATERIALS, STRATEGIC MATERIALS, AUTONOMY, SECURITY OF SUPPLY, SECTORS

Technologies and sector profiles



SECURITY OF SUPPLY, AFRICA, MATERIAL AND COUNTRY PROFILES, TRADE, ENVIRONMENT, CIRCULAR ECONOMY, INVESTMENTS, SOCIAL ASPECTS, COUNTRY DATA

African country profiles



Navigate by topic



SECURITY OF SUPPLY, TRADE, MATERIAL AND COUNTRY PROFILES, SUPPLY CHAIN ANALYSES

# Raw material analyses on Russia's aggression against Ukraine

# Critical, strategic and advanced materials



BATTERIES, TECHNOLOGIES, VEHICLES, SECONDARY RAW MATERIALS, CIRCULAR ECONOMY

# Raw materials in the battery value chain



VEHICLES, SECONDARY RAW MATERIALS, TECHNOLOGIES, CRITICAL RAW MATERIALS, CIRCULAR ECONOMY, FORESIGHT

# Raw materials in vehicles



EU PROJECTS, HORIZON 2020, HORIZON EUROPE

# EU funded projects



SCOREBOARD, MONITORING

# Raw materials scoreboard 2021



CIRCULAR ECONOMY, MONITORING, LIFE CYCLE ASSESSMENT, AUTONOMY

# Circular economy: indicators, tools and methods



SECURITY OF SUPPLY, MATERIAL AND COUNTRY PROFILES, TRADE, ENVIRONMENT, CIRCULAR ECONOMY, INVESTMENTS, SOCIAL ASPECTS, COUNTRY DATA

# Country Profiles



BATTERIES, SUPPLY CHAIN ANALYSES, FORESIGHT

# Battery supply chain challenges



FORESIGHT, DECARBONISATION, TECHNOLOGIES, SUSTAINABILITY

# Green energy and transport



INVESTMENTS, FOREIGN DIRECT INVESTMENTS, COUNTRY DATA, GLOBAL DATA

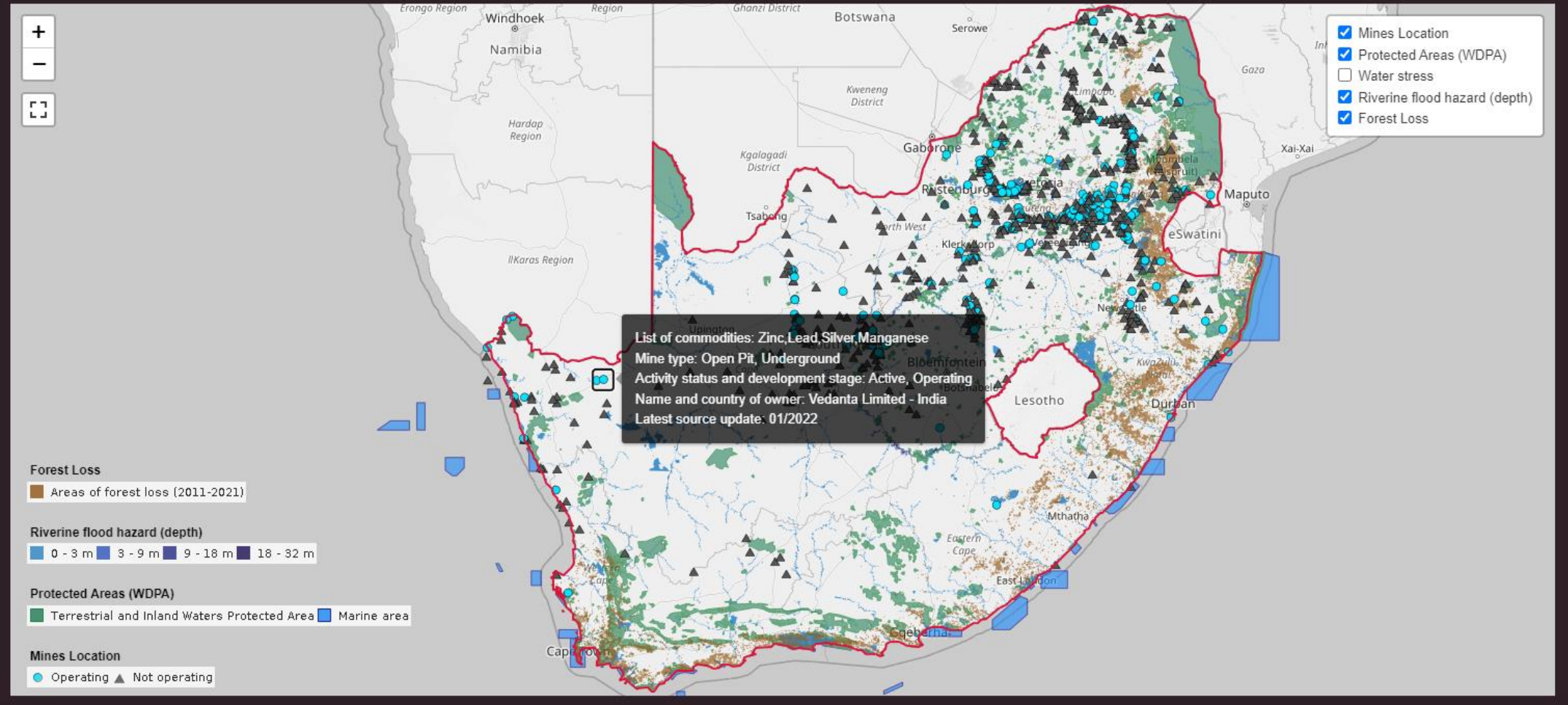
# FDI stocks and flows



MINES LOCATION, MINERAL INVENTORY

# Mineral inventory

# Are mines located in environmentally sensitive areas?



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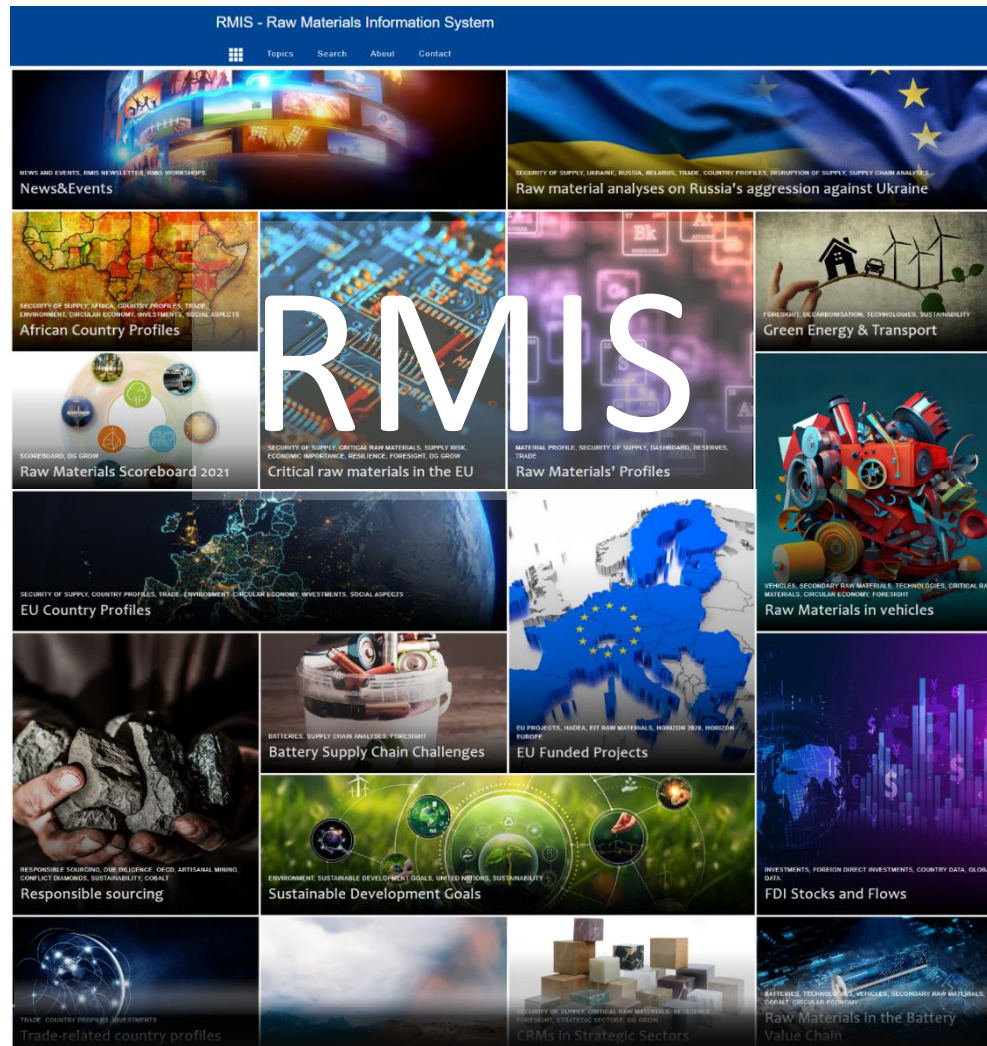
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