

The European Commission's science and knowledge service

Joint Research Centre

3rd International RMIS workshop
Ispra – June 11-12, 2019



Raw Materials Information System (RMIS):

State-of-play & development priorities

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JRC-D3 Raw Materials team
Presented by ***Simone Manfredi***

Ispra – June 11th, 2019

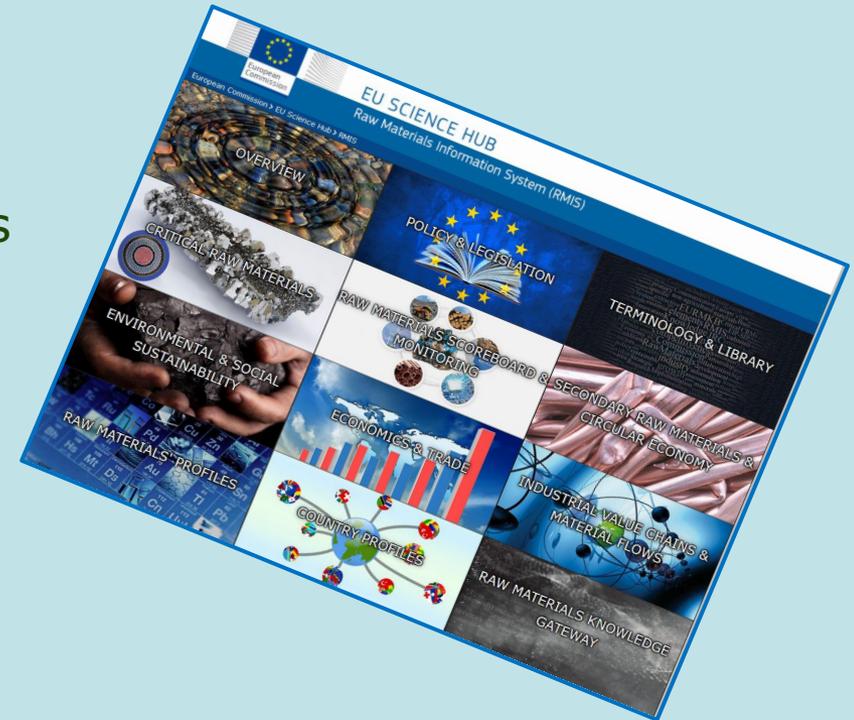
Purpose of this presentation



- To present RMIS in its current form: main 2018/2019 achievements
- To present RMIS development priorities
- To present upcoming milestones & initiatives (*roadmap, newsletter,...*)

Outline

- RMIS: context & mandate
- RMIS: homepage overview
- Summary of 2018/2019 achievements
- RMIS & H2020 projects
- What comes next:
 - Foreseen major developments
 - 2019 Roadmap & Progress report
 - RMIS newsletter



RMIS

Policy Context & Mandate, key timelines

2008: EU Raw Materials Initiative (**RMI**)

2013: Strategic Implementation Plan (**SIP**) of European Innovation Partnership (**EIP**) on RM highlights need for European Raw Materials Knowledge Base (**EURMKB**)

Q1/2015: JRC launches the **RMIS 1.0** (*limited scope / functionalities*)

Q4/2015: specific action in **Circular Economy AP** focuses on the key role of the RMIS and mandates its further development

03/2017: RMIS 2.0 Roadmap & Progress report

Q4/2017: launch of RMIS 2.0 (as part of the 2017 RM Week)

Q4/2017: H2020 SC5 2018-2020 shall “*contribute to the further development of the EC RMIS*”

RMIS is... *the EC’s knowledge platform on non-fuel, non-agricultural raw material value chains from primary (extraction/harvesting) and secondary (recycled/recovered) sources.*

RMIS’ scope *includes both abiotic and biotic materials.*

RMIS acts as... *the reference access point to the EURMKB and facilitates the availability, coherence, and quality of knowledge required by specific EU raw materials policies and EC services.*

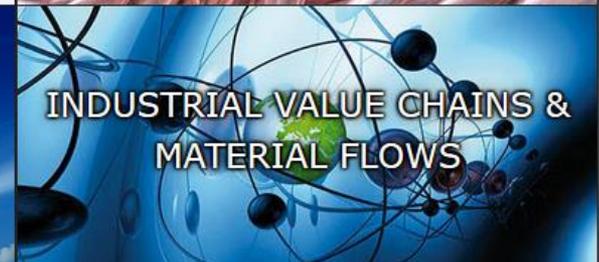
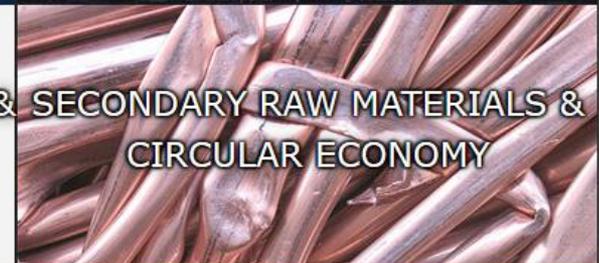
RMIS Homepage



EU SCIENCE HUB

Raw Materials Information System (RMIS)

European Commission > EU Science Hub > RMIS



RMIS

Overview of key 2018/2019 achievement (1/3)

- **Raw Materials' Profiles**

- **15 new profiles** (*Aggregates, Aluminium, Borates, Chromium, Cobalt, Cooking coal, Iridium, Iron, Lithium, Natural graphite, Natural rubber, Palladium, Platinum, Rhodium, Ruthenium*)
- Ideas for improvements internally discussed

- **Country Profiles**

- **9 new profiles** (*Austria, Belgium, Czech Republic, Finland, France, Germany, Italy, Spain, Sweden*)

- **Environmental & Social sustainability**

- Environmental/Social sections expanded and improved
- SDGs application (and JRC technical report)

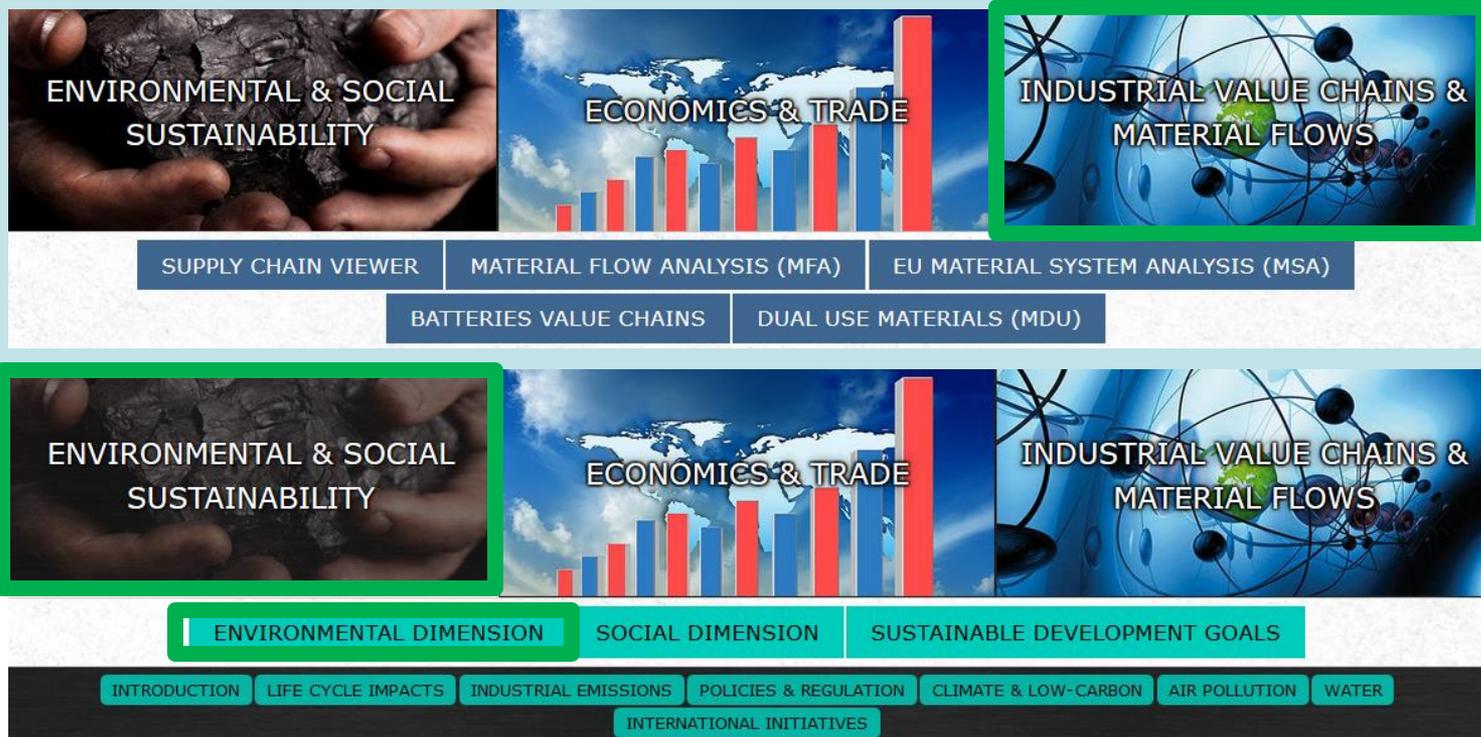
- **Supply Chain Viewer**

- Provides dynamic overview of the RM supply chain network consisting of countries, materials, applications and sectors

RMIS

Overview of key 2018/2019 achievement (2/3)

- **Reorganisation of RMIS home page and positioning of sub-tiles**
 - E.g. new tile “Industrial Value Chains & Material Flows”, which includes info/work on MFA/MSA, Supply Chain Viewer, MDU, Batteries value chains
 - Extended / improved structure of “Environmental & Social Sustainability” tile
 - Extended / improved structure of “Overview” and “Policy & Legislation” tiles

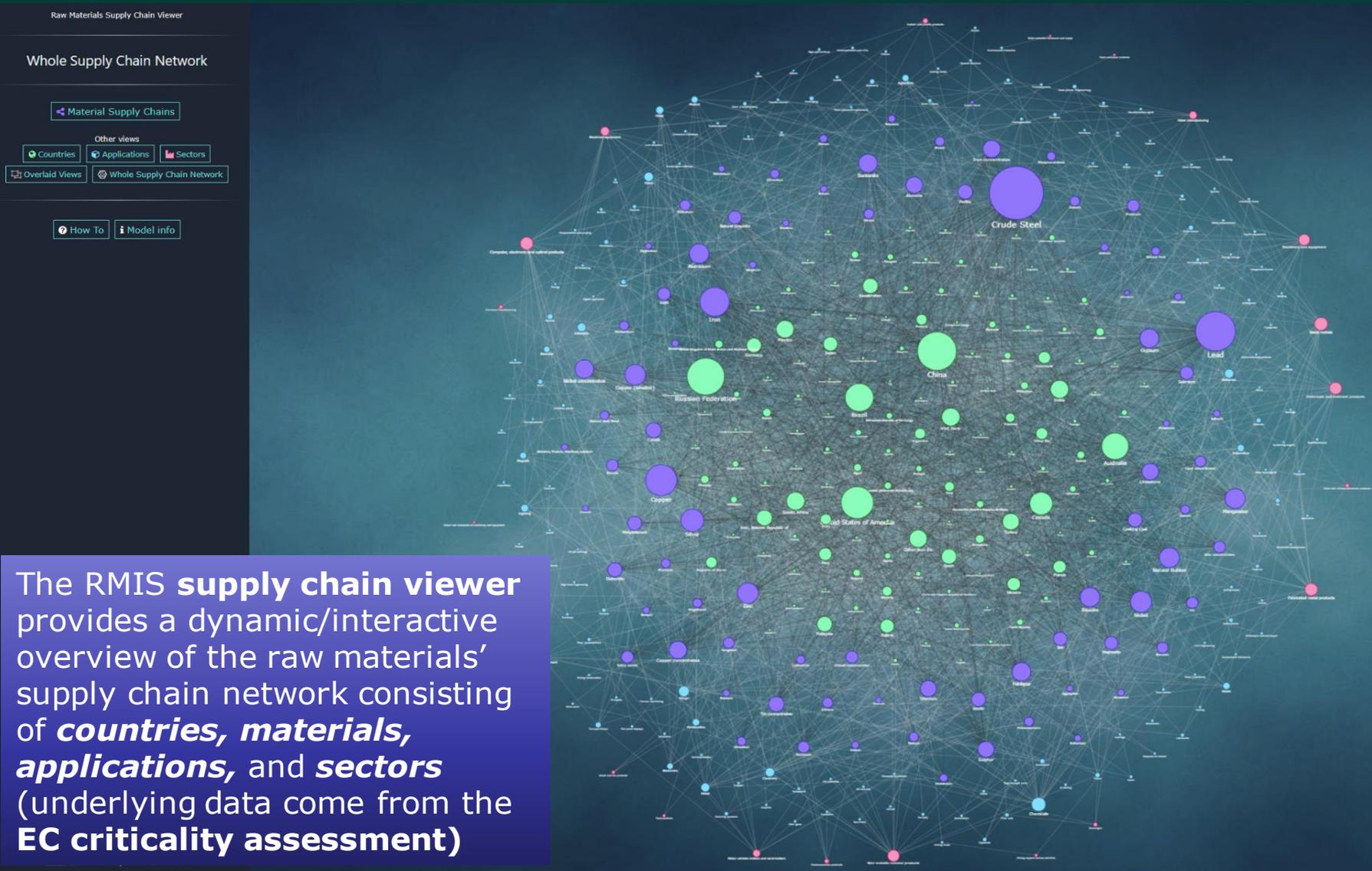


RMIS

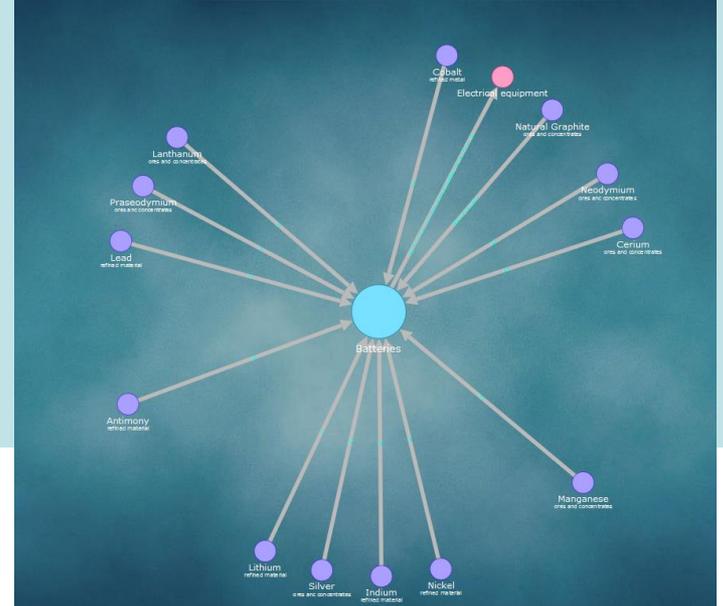
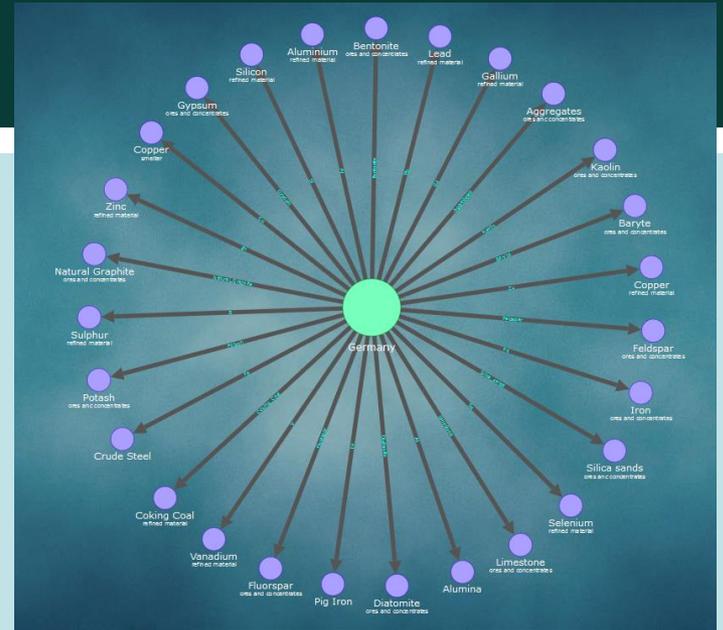
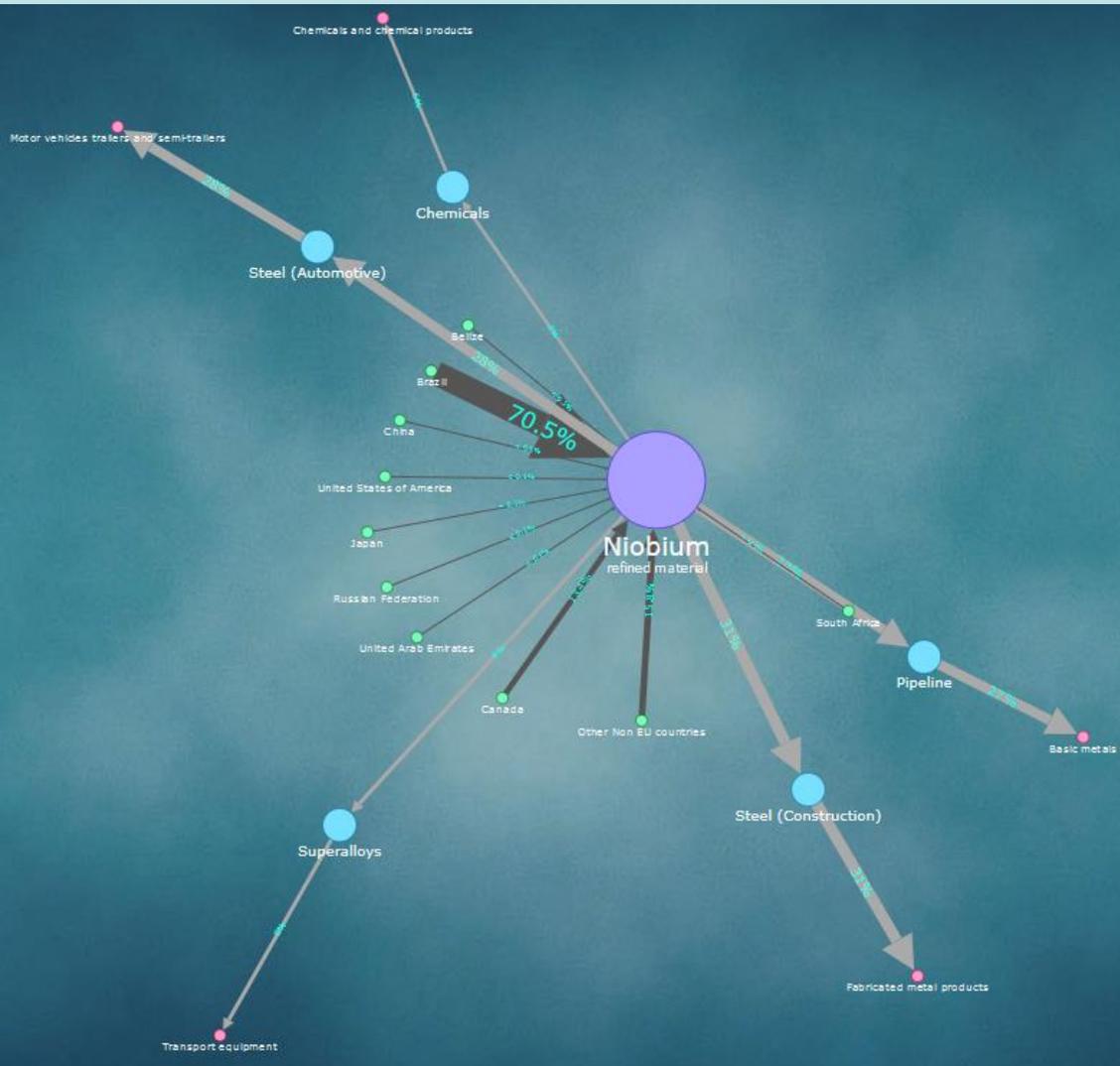
Overview of key 2018/2019 achievement (3/3)

- **Trade & Economics**
 - Raw materials trade flows for 200+ countries
- **RM Scoreboard & Monitoring**
 - Inclusion + Dynamic visualisation of RM Scoreboard 2018
 - New page on CE monitoring
- **Secondary Raw Materials & Circular Economy**
 - New content: SRMs in specific industry sectors (e.g. EEE, mobility), SRMs in CE priority areas, etc.
- **Strengthening synergies with knowledge providers**
 - Integration of key outputs from selected H2020 projects (e.g. ProSUM, MinGuide) and inclusion of other projects and entities in the RMKG
- **Upgraded/improved “Search” function**
- **RMIS Library – *brand new!***
 - Dynamic library (with multiple-filters) with 200+ selected reports/documents

RMIS - Supply Chain Viewer



RMIS - Supply Chain Viewer - Examples



Channelling knowledge from H2020 projects into RMIS

Overview of synergies

H2020 projects of interest to RMIS	MIN-GUIDE, ProSUM, BATRe ARES, COLLECTORS, INTRAW, MinLAND, MIREU, ROSEWOOD, STRADE, SCALE, SMART GROUND, VERAM, SCRREEN, ORAMA, REPAIR, PANORAMA, CHROMIC, HISER, LEAFAPO, MINATURA2020, Platirus, ReCreew, REE Value Chain, REMAGHIC, ROBUST, Smart Exploration, VAMOS, INTERIM, MSP-REFRAM, ImpactPaperRec, CEWASTE, WoodCirus
JRC is partner of	SCRREEN, ORAMA, REPAIR
Projects (partly) integrated in RMIS and/or visible through its <i>Raw Materials Knowledge Gateway (RMKG)</i>	MIN-GUIDE, ProSUM, MICA, ORAMA, MINLAND, INTERIM Forthcoming: FORAM, MinFuture

RMIS – What comes next?

Critical Raw Materials

- A new section will be added for the **2020 list of CRMs**
- A new report will be included: **Report on the critical raw materials 2020**
- New set of Factsheets
- A new JRC report on **critical raw materials for strategic sectors**



2020 list of CRMs for the EU



RMIS – What comes next?

2019 RMIS Roadmap / RMIS Newsletter

2019 RMIS Roadmap & Progress report:

- Provides an overview of RMIS in its current shape & content
- Highlights progresses made since the release of the 2017 Roadmap report
- Illustrates development priorities and milestones
- Gives a chance to discuss needs & priorities with policy DGs and key stakeholders

We are also working on the “**RMIS Newsletter**” (bi-annual) to better inform stakeholders (within / beyond the EC) on new releases related to RMIS, upcoming events, ongoing work, etc.



Thank you for your attention!

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