

Sustainable
Mining



The EU Sustainable Finance Taxonomy - reflections from the EU mining sector

All Things Energy

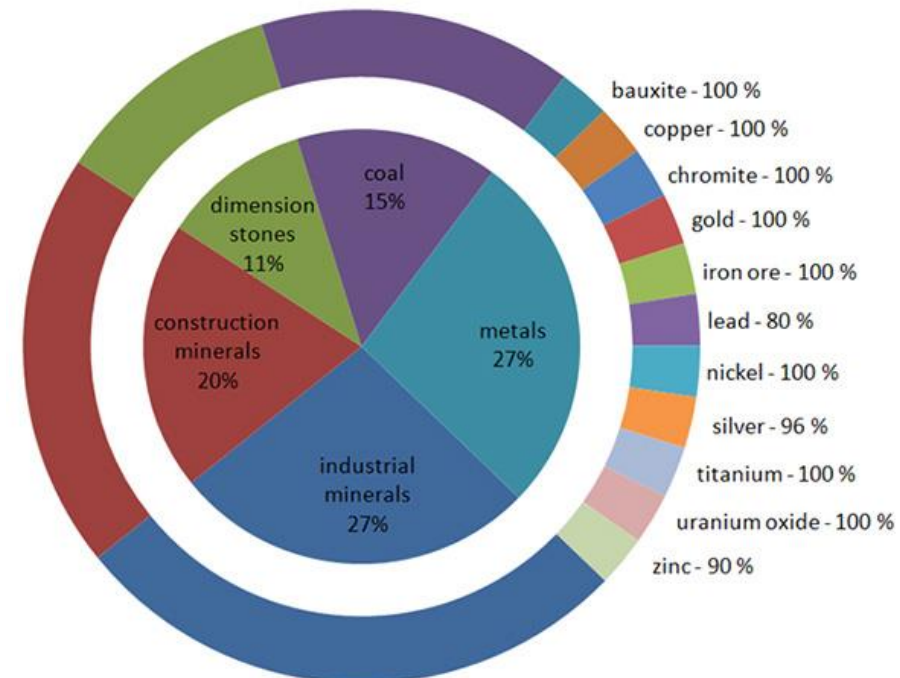
Euromines – the voice of mining in Europe



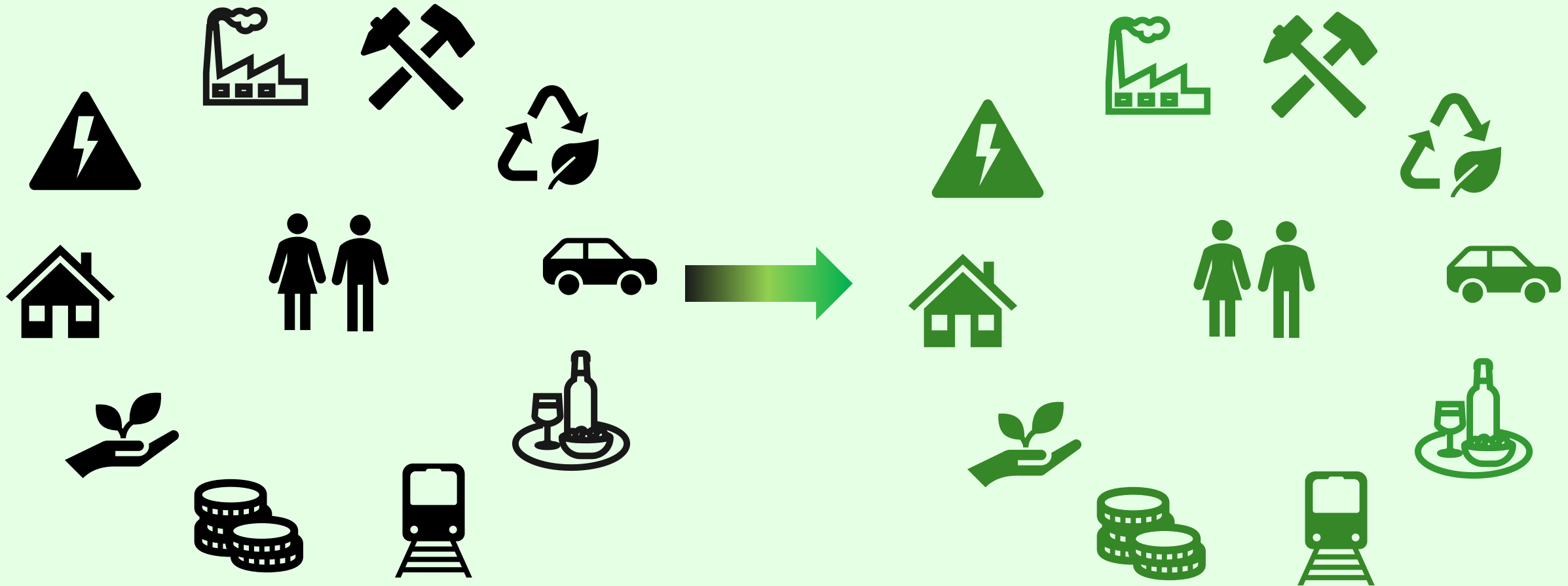
- ≡ Represents large and small companies and subsidiaries in Europe and in other parts of the world;
- ≡ Representing **350,000 jobs**;
- ≡ Representing **42 different metal ores and minerals**;
- ≡ For some metals and minerals, Europe is the world's leading producer.

Euromines has a high representativity of EU production of 42 minerals and metal ores

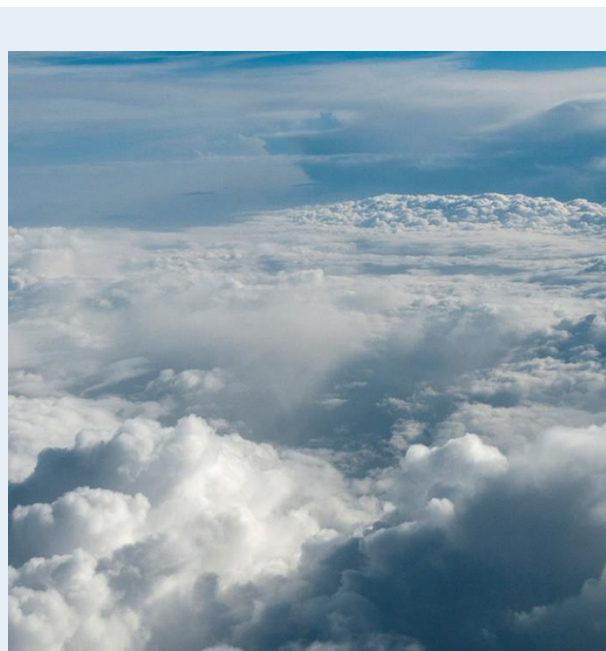
Covering most of Europe



Systemic change – increased demand



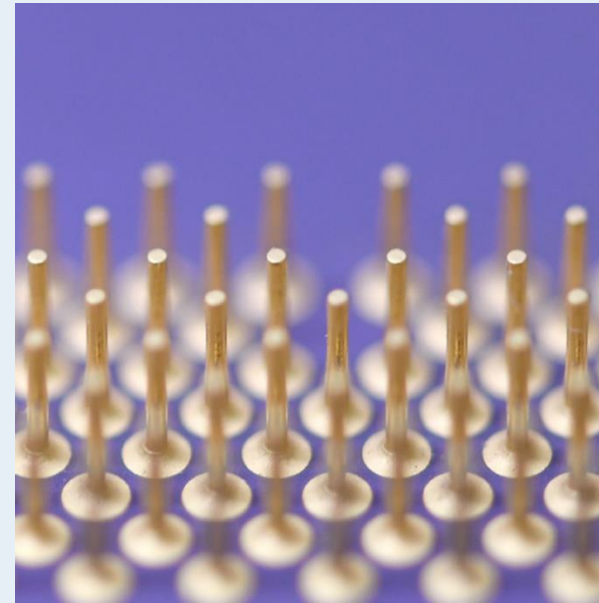
Mining is a focus topic in EU legislation



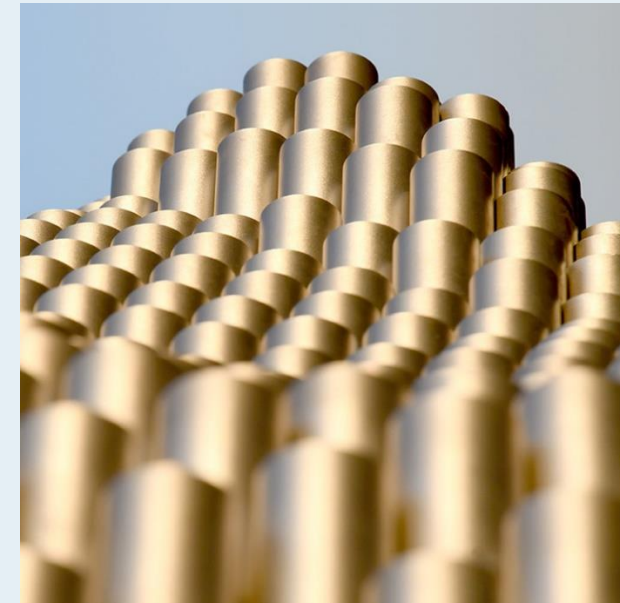
Green Deal



Sustainable Finance



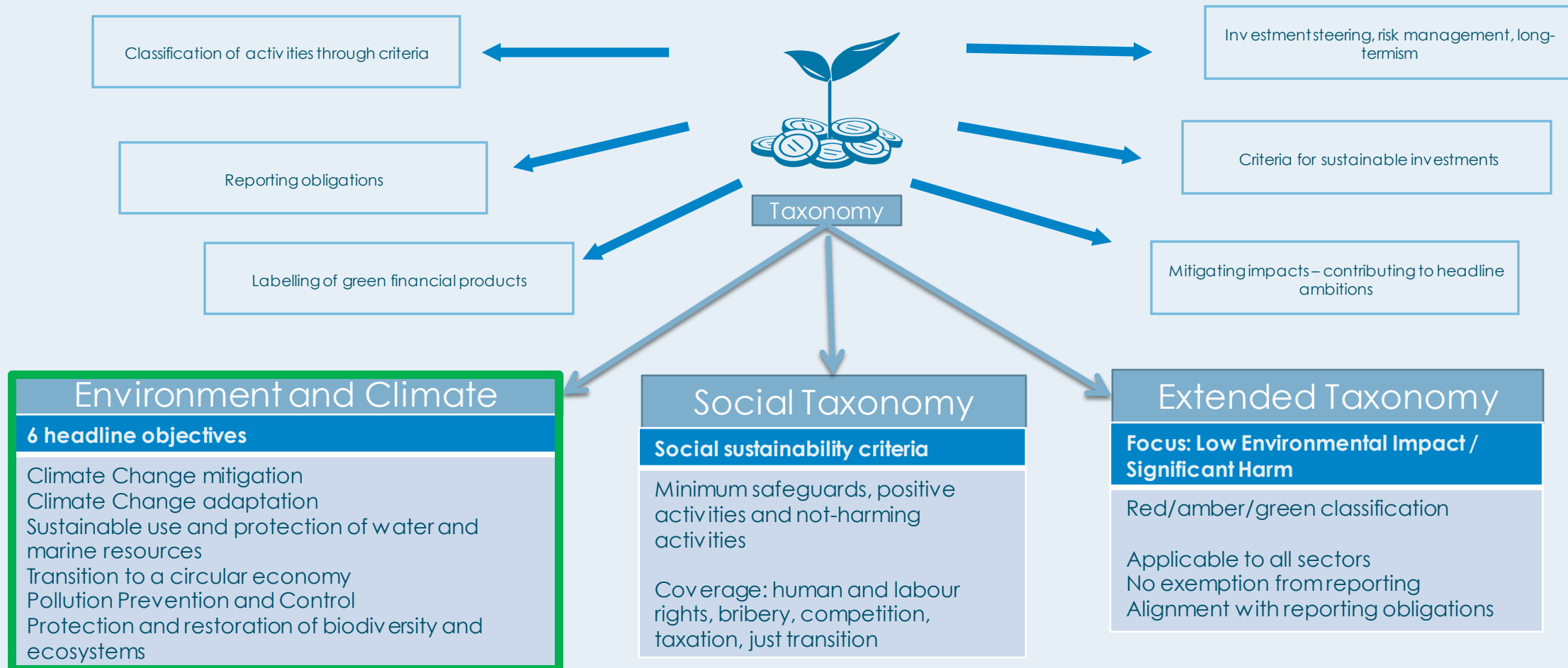
Strategic Autonomy



**Raw Materials for the
„Twin Transition“**

Sustainable Finance - Taxonomy

Taxonomy at the core of greening the financial system



Six objectives:

Climate Change mitigation

Climate Change adaptation

Sustainable use and protection of water and marine resources

Transition to a circular economy

Pollution Prevention and Control

Protection and restoration of biodiversity and ecosystems



Technical Screening Criteria per activity and objective

To qualify for Sustainable Finance an activity needs to demonstrate:

- Substantial Contribution to one objective
- Do no significant harm to all other five objectives
- Respecting minimum social safeguards

Climate change mitigation



It's about the journey:

What is expected?

An economic activity shall be considered to contribute substantially to climate change mitigation that activity substantially contributes to the stabilization of greenhouse gas concentrations by avoiding or reducing greenhouse gas emissions or enhancing greenhouse gas removals

How to do it?

- generating, storing or using renewable energy or climate-neutral energy
- improving energy efficiency
- increasing clean or climate-neutral mobility
- switching to use of renewable materials
- increasing carbon capture and storage use
- phasing out anthropogenic emissions of greenhouse gases
- establishing energy infrastructure required for enabling decarbonization
- producing clean and efficient fuels

Ambitious activity-specific criteria for impact mitigation

Climate Change mitigation



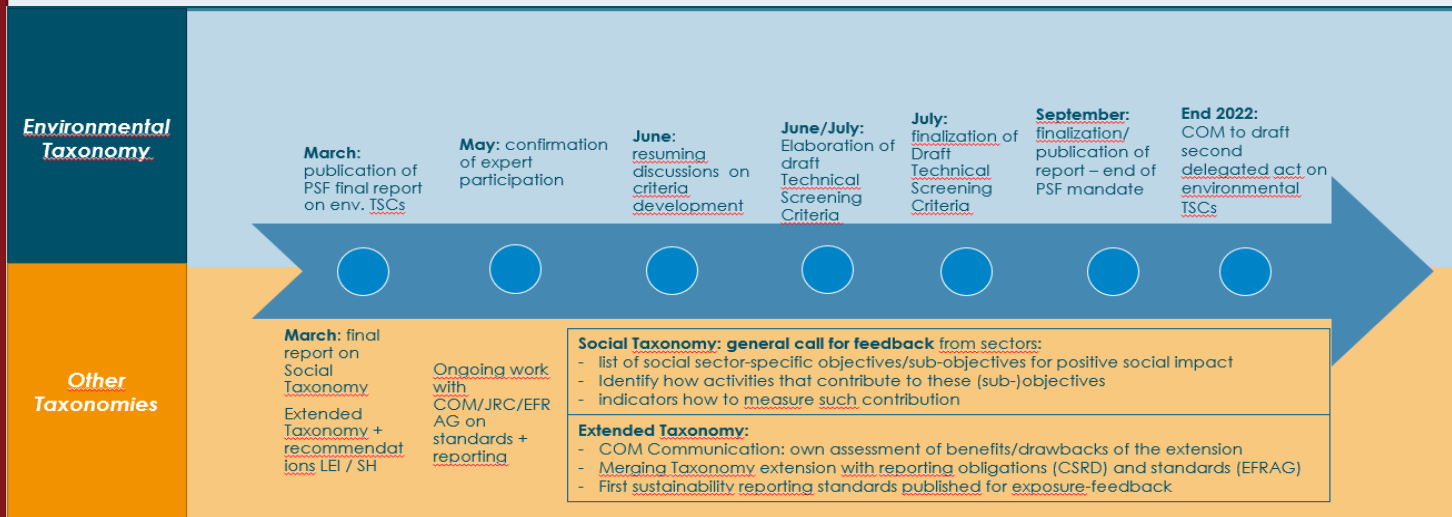
Impact on mining

What is needed?

- Ambitious criteria demonstrating
 - Mining's commitment to mitigate CO2-emissions
 - Technical feasibility to become substantially contributing
 - Alignment with already existing Climate Change mitigation criteria for other sectors

- Already existing criteria for certain energy-intensive activities
- Already existing criteria for the production of electricity
- A specific set of criteria for electricity from gas and nuclear energy

What is the context?



Potential roadblocks

- **European Parliament objection** to complementary delegated act on gas and nuclear energy
- Intense timeline
- Integrating Taxonomy ambition with **other policy objectives** (i.a. strategic autonomy)

Climate Change mitigation



Concluding remarks

Importance of recognition	Unlocking the capital for the sustainability transition in mining Small window of opportunity until 2030 Enabling the raw materials base required for technology needs of Green Deal Fostering innovation in the front-running position of EU mining and improving public perception
Widen the scope	What else is needed <ul style="list-style-type: none">• Addressing high energy prices – Taxonomy will rather exacerbate the issue• Addressing electricity market design – the merit order curve incentivizes fossil assets• Addressing public and political perception – mining is at the core of a fossil-free society• Teaming-up with other sectors: avoiding sustainability dumping in applications
Sustainable Mining Initiative	Objectives Improve image of mining industry in Europe and guarantee societal license to operate. Showcase the systemic role of mining in the EU industrial ecosystem Demonstrate that mining is indispensable for Green Deal and modern society. Bring all stakeholders (miners, suppliers): image building through joint initiatives, best practices and solutions