CERA
CERTIFICATION OF RAW MATERIALS

CERA – A Raw Material Certification Scheme

Short Presentation | March 16, 2018

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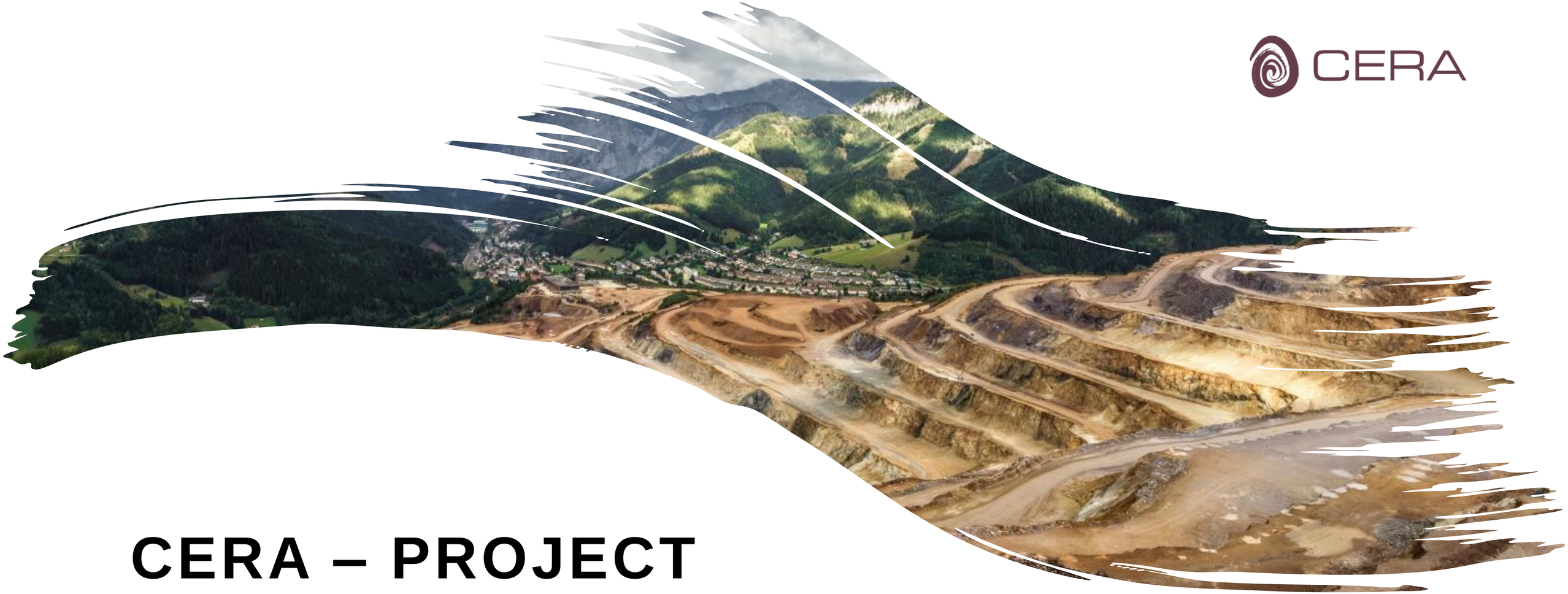
This activity has received funding from the European Institute of Innovation and Technology (EIT), a body of the European Union, under the Horizon 2020, the EU Framework Programme for Research and Innovation



CERA – PROJECT

Project information – background, mission, partners

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BACKGROUND

The need of CERA derives from the strengthened demand for sustainability and transparency in consumption in large parts of society, which is also evident in initial political regulations (e.g. Dodd-Frank Act, EU Conflict Mineral Regulation).

The implementation of a raw material certification not only fulfils political requirements, but also generates an image boost for certified companies.

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WHAT IS CERA?

The CERA project is initiated by EIT RawMaterials and started in early 2017.

Within the project a standardised certification scheme will be developed.

The CERA Standard will ensure environmental, social and economic sustainability in exploration, extraction, processing, trading of all mineral raw materials including fossil fuels.

It guarantees traceability of certified materials by using a combination of traceability technologies including proof of origin methods throughout the entire value chain.

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OUR VISION

CERA stands for a

- Standardisation – and, if possible, simplification – of the certification process
- Traceability of the extracted material along the entire value chain
- Trustworthiness of the certificate
- Avoidance of geographical, social and company-size exclusion or imbalances
- Minimization of the required number of certification schemes
- Ensuring ecological, social and economic standards throughout the value chain

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TEAM AND SUPPORT

The CERA project is initiated by EIT RawMaterials, the largest and strongest consortium in the raw materials sector worldwide.

The Project Team consists of universities and independent audit and consulting companies.

An international Advisory Board supports the project team.

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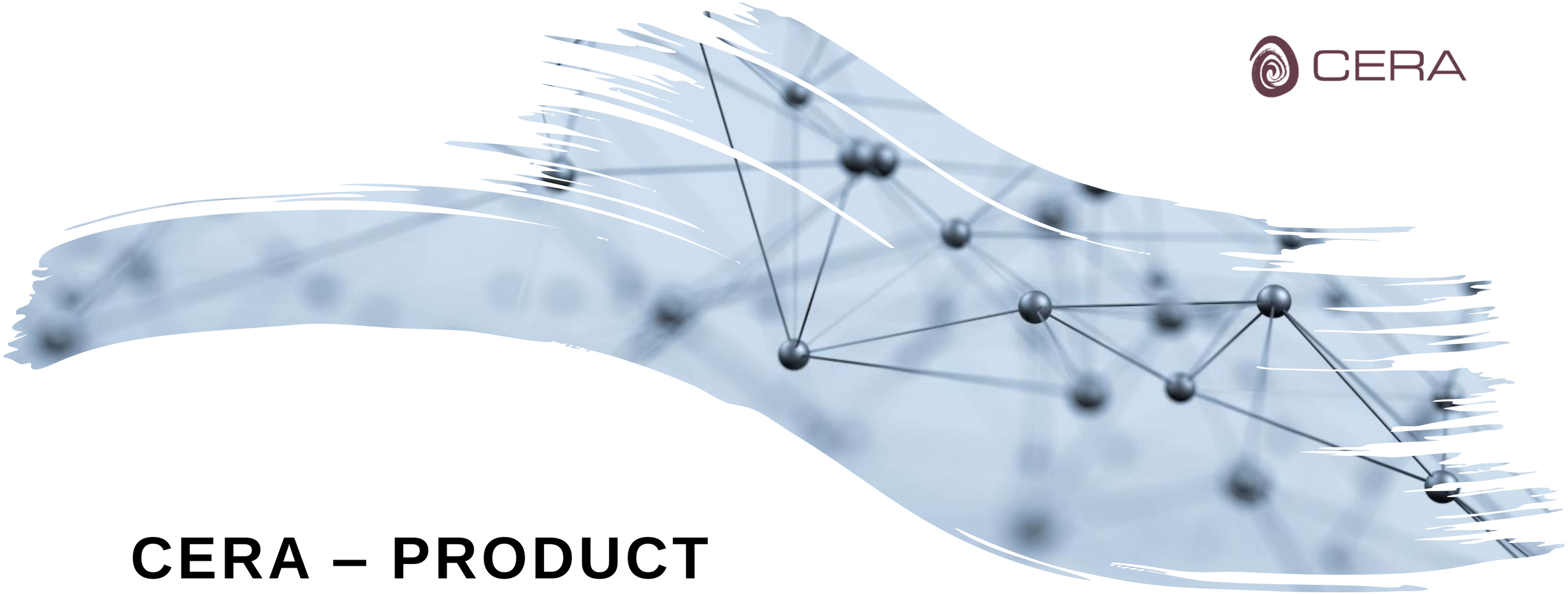

CERA – PRODUCT

Product description – specifications, standard description

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CERA SPECIFICATIONS

None of the existing certification schemes are holistically applicable to all raw materials as well as on a global scale. Small scale mining is often not considered.

Often only one mineral(group) or one region is taken into account.

The CERA Standard closes this gap by being a holistic certification scheme that is

- applicable to the entire value chain
- applicable on a global scale
- applicable to all mining-related operations
- applicable to all sizes of operation
- introduces mechanisms to ensure reliability in the Chain of Custody, and
- covers the entirety of mineral resources.

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BENEFITS

The public is focusing more and more on the traceability of sustainably produced goods. Consumers want products that are produced and traded fairly. All links of the supply chain are increasingly forced by the consumer and consequently by the state/communities to comply with internationally accepted standards (certification).

Raw material producers as well as manufacturers gain a competitive advantage due to this increasing demand for sustainable products and thus a higher added value if they can prove such a certificate.

The CERA Standard can be applied regardless of raw material, company size, etc. This allows manufacturers to use material certified to the same standard. For raw material producers it is therefore a market advantage to be certified according to the generally applicable CERA Standard.

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CERA PERFORMANCE STANDARD

In order to provide a set of criteria for responsible and sustainable extraction and processing of raw materials, a **Performance Standard** will be introduced.

The Performance Standard certifies a facility or sequence of operations.

The standard defines a set of minimum criteria, which every operation in the upstream supply chain, regardless of type of raw material, type of operation and processing method or size have to fulfill.

In addition, regional, procedural and process-specific criteria are taken into account individually.

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CERA CHAIN OF CUSTODY STANDARD

The **Chain of Custody Standard** refers to the mining product, e. g. copper in its various forms.

The basic requirement for the Chain of Custody Certification of a product is to reach the Performance Standard in all elements of the upstream value chain.

The Chain of Custody Standard aims to provide criteria for appropriate management systems for a complete traceability, that guarantee a chain of custody of sustainably extracted raw materials.

A revisable traceability toolbox is under continuously development, which, according to the critical sustainability aspects of the raw material, defines most suitable Chain of Custody methodologies.

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CERA LABELS

The **CERA Performance Labels** indicate the sustainability standard achieved by the certified company or operation plant. The allocation of the labels is based on the respective tiers in the CERA Performance Standard.

EXCELLENT

ADVANCED

BASIC

The Chain of Custody certification creates an information link between a product and the origin of those materials used in the product. Ultimately, the Chain of Custody Standard will introduce a **CERA label**, which will enable the end consumer to take sustainability aspects into account when making his purchase decision.

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NEXT STEPS

The project started in early 2017 and the CERA Standard will be developed within a period of 4 years. The first standard drafts will be available by the end of 2018. Also in 2018 a stakeholder consultation process will be initiated.

The final CERA Standard is expected to be in place at the beginning of 2020 and its applicability will then be tested and validated in a pilot phase and test auditing.

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PARTICIPATION

You are welcome to become part of CERA! Join us as

- Partner from industry
- Member of the Advisory Board or
- Partner for pilot phase

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CONTACT

Our website will keep you up to date about meetings, further steps and more.

WEBSITE

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