

Certificate  
for a better  
future

# CERA 4in1

RESPONSIBLE CERTIFICATION OF RAW MATERIALS



Our website [maditrace.eu/cera4in1](https://maditrace.eu/cera4in1) will keep you up to date about meetings, further steps and more.



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# CERA 4in1

Certification of Mineral Raw Materials for a sustainable development in mining

A vision becomes reality: The certification system CERA 4in1 is here to increase sustainability and transparency in mining and enable companies worldwide to obtain certification for being ESG-compliant along their entire supply chain. CERA 4in1 provides tangible proof of environmental and social responsibility as well as corporate governance (ESG) for **all kind of minerals, everywhere in the world** and is applicable to **any size of enterprise**.

For this purpose, the CERA 4in1 system divides the value chain into four distinct certification standards, customized to meet the needs of each value chain stakeholder **from exploration to the final product**. The four-step certification system CERA 4in1 fulfils the demand for **a universal (ESG) system for the mineral raw materials sector** and aims to be the leading standard in Europe.

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# CERA 4in1

4 Standards in 1 System

**CRS**

READINESS  
STANDARD

**CPS**

PERFORMANCE  
STANDARD

**CCS**

CHAIN OF CUSTODY  
STANDARD

**CFS**

FINAL PRODUCT  
STANDARD

The overall system leads to certification of the entire value chain of primary and secondary raw materials.

- **CERA 4in1 Readiness Standard (CRS)** defines ESG criteria for responsible conduct of mineral exploration and mine development projects prior to the operational phase.
- **CERA 4in1 Performance Standard – upstream (CPS)** defines the environmental and social responsibility as well as corporate governance (ESG) requirements for a production facility or a group of production facilities that cover the operations of mining, processing, smelting and refining. **CERA 4in1 Performance Standard – downstream (CPS-II)** defines the ESG requirements for a manufacturer and covers the manufacturing of semi-final products.
- **CERA 4in1 Chain of Custody Standard (CCS)** refers to the product and lays down criteria for ensuring the complete traceability of responsibly sourced primary and secondary materials and traded commodities.
- **CERA 4in1 Final Product Standard (CFS)** establishes the criteria necessary to label consumer goods, empowering consumers to make well-informed decisions. It defines the essential certification requirements for the supply chain of the final products, enabling consumers to differentiate between certified and uncertified products.

As of January 2024, the first standard CERA 4in1 Performance Standard (CPS) is available on the market. The market launch of the other three standards is scheduled from 2024 to 2026.

## CERA 4in1

### Key features

- **Full Value Chain Coverage:** CERA 4in1 is the first and so far only certification system that provides tangible proof of environmental and social responsibility and corporate governance along the entire mineral raw material value chain - from exploration until final products.
- **Traceability:** CERA 4in1 implements solutions for tracking certified mineral raw materials along the entire supply chain.
- **Universal Certification Solution:** CERA 4in1 provides a holistic solution for comprehensive certification through the value chain. It allows existing schemes to coexist by considering their implementation as evidence for CERA 4in1 requirements during certification processes, leading to top-quality standards and benefiting all stakeholders.
- **Involvement:** CERA 4in1 allows every consultant and certification body that meets the necessary requirements to register. The participation of a wide range of consultants and certification bodies ensures that companies have access to a homogeneous market and a diverse range of expertise.
- **Applicability:** CERA 4in1 targets all minerals worldwide.
- **Inclusiveness:** CERA 4in1 enables also small and medium-sized enterprises (SMEs) to participate in the dynamic certification process. This openness allows companies of all sizes to benefit from CERA 4in1.
- **Risk Mitigation:** CERA 4in1 certification can secure the value of investment, with greater transparency and responsibility minimising reputational and financial risk.