

Join now: Certification Pilot Program for Responsible Mineral Exploration & Mine Development

Explore the new certification standard CERA 4in1 Readiness Standard (CRS)

CRS is a standard that describes requirements for responsible conduct of mineral exploration and mine development projects prior to the operational phase.

Why get CRS certified?

- **Risk Mitigation:** CRS helps you identify and effectively manage ESG-related (Environmental, Social and Corporate Governance) risks early on in your project
- **Access to Investors:** CRS gives you access to new capital markets due to increasing market interest in responsible investments
- **Holistic Concept:** CRS is part of the four-step certification concept TÜV NORD CERA 4in1 that provides proof of ESG-compliance across the entire value chain up to the final products
- **Enhanced Global Reputation:** CRS gives your project a competitive edge that will attract partners, and stakeholders who prioritize ESG criteria. CRS helps you to obtain and maintain your social license to operate
- **Proven Expertise:** Our long experience in the industry enables us to understand the unique challenges and opportunities in mineral exploration and mine development

Market Launch

CRS is planned to be launched by the end of 2024.

Open for Pilot Program Applications

We accept applications until February 2024. The pilot program will take place between February and May 2024.



Your Benefits as Participant in the CRS Pilot Program

- **Free Pilot Audit:** Get a head start, familiarise with the CRS procedures and reduce preparation and processing time for final certification
- **Exclusive Insights:** Gain access to valuable data and insights to optimize your exploration processes
- **Thought Leadership:** Position your company as an industry thought leader in responsible mining practices

Join our CRS Pilot Program now

Become a pioneer of responsible mineral exploration and contact us for further information:

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CRS – Part of a Certification System for the entire Mineral Raw Materials Value Chain

Find out more about TÜV NORD CERA 4in1 and its universal approach

Value chain

| Exploration & Mine Development | Extraction & processing | Supply chain | End products |
|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  <p>Readiness Standard CRS</p> |  <p>Performance Standard CPS</p> |  <p>Chain of Custody Standard CCS</p> |  <p>Final Product Standard CFS</p> |
| Time-to-market ~Q4.2024 | Market Entry January 2024 | Time-to-market ~Q4.2025 | Time-to-market ~Q4.2025 |

TÜV NORD CERA 4in1 – Holistic Concept for Responsible Mining

CRS is just the first step to increase worldwide sustainability, reliability and transparency in mining. It is part of the **TÜV NORD CERA 4in1** concept that will provide proof of **ESG-compliance along the entire value chain**. For this purpose, the CERA 4in1 system divides the value chain into four distinct certification standards: **One system with four standards** that will cover **all minerals everywhere in the world** and that is applicable to **any size of company**.

Who developed CERA 4in1?

The CERA 4in1 project has been in development since 2015 under the roof of TÜV NORD GROUP by its' experts in certification at TÜV NORD CERT and its' experts in exploration and mining at DMT.

Market Launch & Outlook

CERA 4in1 is part of the EU-funded [MaDiTraCe Project](#) and is right now gradually being introduced to the market. As of January 2024, the first standard CERA 4in1 Performance Standard (CPS) which covers the area of mining, processing, and refining is available on the market. The other standards are following closely in 2024/2025.

About DMT

Excellence and innovation: that is the commitment of DMT. DMT GROUP is an independent, globally active engineering services and consulting company specialising in the markets of natural resources, energy, plant and process engineering, infrastructure and civil engineering. DMT GROUP leads the engineering division of TÜV NORD GROUP, contributing more than 280 years of experience.



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