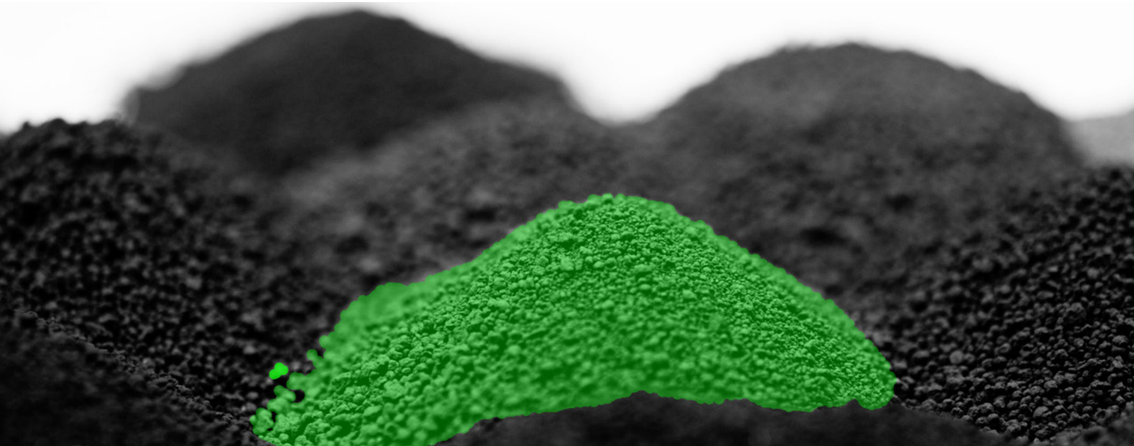
Cold Methane Splitting

PROJECT COLDSPARK®

A novel approach to ultra low carbon hydrogen production and high purity elemental carbon (eCarbon)®

ColdSpark® achievements:

- Validated **cold plasma methane splitting** as an innovative and energy-efficient pathway for **clean hydrogen production** without direct CO_2 emissions.
- Developed and optimised **a novel reactor**, strongly advancing the TRL of Cold Methane Splitting towards industrial readiness.
- High-value **eCarbon®**, contributing to EU strategic **value chains** and aligning with the objectives of the **Critical Raw Materials Act**.



ColdSpark® project builds upon SEID's 28 years of experience in non-thermal plasma and high voltage power systems.

Contact us for further information and investment opportunities:

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COLD SPARK

SEID

IREC Shaping Energy for a Sustainable Future

Universitetet i Stavanger

NORCE

Europroject tinexta innovation hub

IBBK BIOGAS

UNIVERSITY OF LIVERPOOL

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