ANICA – Advanced Indirectly Heated Carbonate Looping Process

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C. Hofmann*, J. Ströhle, B. Epple

Institute for Energy Systems and Technology, Technische Universität Darmstadt, Otto-Berndt-Str. 2, DE-64287 Darmstadt, Germany

Main Objectives

Development of novel concept for CO₂ capture in lime and cement plants

Advanced key performance parameters (KPIs)

Key Performance Indicators (KPIs)

KPI	Target
CO ₂ capture efficiency	> 90 %









Source: VDZ



300 kW_{th} Demo Plant at TU Darmstadt





Consortium



Highlights

- De-carbonisation of cement & lime production industry
- Decrease costs for CO₂ capture
- Facilitation of net negative CO₂ emissions

Contact

TECHNISCHE UNIVERSITÄT DARMSTADT

Dipl.-Ing. (FH) Carina Hofmann **Energy Systems & Technology** www.est.tu-darmstadt.de carina.hofmann@tu-darmstadt.de +49 6151 16 22694

Prof. Dr.-Ing. Bernd Epple | Institute for Energy Systems & Technology | Technische Universität Darmstadt