

Reiner Lemoine Institute

CETPartnership Call Modul1 „Data spaces and Interoperability“

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The Reiner Lemoine Institut (RLI)

Overview

- Independent, non-profit research institute
- Funded by the Reiner Lemoine Foundation
- Based in Berlin, founded in 2010
- Directors: Dr. Kathrin Goldammer and Dr. Christine Kühnel
- ~100 researchers and student assistants

Mission

Future with 100 % Renewable Energies



Reiner Lemoine

Founder of Reiner Lemoine Foundation and Pioneer of Renewable Energies

Mobility with Renewable Energies

Thematic Fields



Charging Infrastructure

- Infrastructure planning
- Analysis of potential Positioning of infrastructure
- Concepts for specific areas

LOCALISER

Bus & Train

- Route analysis
- Analysis of potential Fleet electrification
- Use of battery and H2

Grid Integration

- Flexibility analyses
- Schedule management of fleets
- Incentive systems for grid friendly charging
- Local energy markets

Hydrogen

- Regional analyses (HyExpert)
- Electrolysis applications
- Technology assessments
- Political strategies

Open Science & Data

Project references - selection



open_BEA

Open source/open data platform with battery storage models and electromobility scenarios for analysing the electricity grid



LOD-GEOSS

Linked Open Data and utilisation of the Global Earth Observation System GEOSS in energy system analysis



NFDI4Energy

National research data infrastructure for interdisciplinary energy system research

Thank you for your attention!



Feedback?

- ... Questions
- ... Ideas
- ... Suggestions



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