

Data Quality Detection, Correction and Completion in Predictive Maintenance

The resilience of the electricity distribution grid depends on the ability to monitor the grid and to utilize the monitoring for applications such as grid fault localisation.

Measurements to monitor and detect faults are subject to noise, incomplete information, and uncertainty, which can lead to reduced efficiency and increasing repair time.

Time period: May 2024 to April 2027

Budget: Total budget € 1,486,739

Partners:



**AALBORG
UNIVERSITET**

HUGINEXPERT

GRIDDATA
Connecting Electricity Data



REDistXAI project

The project Reliable Electricity Distribution utilizing a Digital Twin based on eXplainable Artificial Intelligence (REDistXAI) will develop an eXplainable Artificial Intelligence (XAI) software platform based on Bayesian networks and apply it for novel applications in electricity distribution grids.

The applications include data quality detection, correction and completion for GridData's DigitalTwin of electricity distribution grids.

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