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Experiences from Germany: Experimental Clauses in Germany – SINTEG and beyond

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SINTEG
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How can learning processes being built into design?

- Design the experiment from the very beginning so that it can be evaluated
- Chose the instrument so that it is worth being evaluated.
  - Difficult if it is just an exemption to get a technology or business case running in the current situation.

Which experiences exist with evaluating experimental clauses?

- If you restrict the experiment to situations where the future problem occurs, and these do not occur very often yet, there is not much time to experiment
- Trade-off between experimenting and avoiding abuse

In which transition areas are new experimental clauses planned? (e.g. for Sector Coupling – A new initiative for renewable hydrogen production)

- Resolution of the Federal Council for an improvement of the economic framework conditions for sector coupling projects within the framework of an experimental clause
- Regulatory experiment or more general support mechanism for new solutions?

SINTEG Ordinance
Retrospective reimbursement

When?

- In situations when the network operator needs to take measures to manage network constraints and maintain network security
- In situations when the spot market price becomes zero or negative

For which activities?

- End consumers that provide flexibility that result in higher network charges
- Storage and sector coupling: Compensation for fees and levies
- Compensation for renewables that reduce feed-in with additional consumption

SINTEG Ordinance: How to take it further?

- SINTEG Ordinance provides a good starting point for developing regulatory innovation zones as a next step
- Next step I: Broader participation, not just SINTEG programme
- Next step II: Regulatory experiments instead of retrospective reimbursement
- Next step III: Regulatory experiment as a research project in itself, incl. evaluation and generalisation of results

References (in German)

Regulatory Innovation Zone: Concept and legal analysis for the Ministry of the Environment, Climate Protection and the Energy Sector Baden-Württemberg *(in Germany)*

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SINTEG Ordinance

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