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EU grid planning – challenges and solutions

Hannover, 22.06.2012

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Content

- The challenge
- Overview of process and actors
- Solutions

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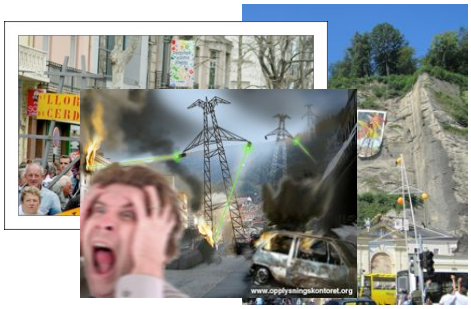
Planning and the People – so far and yet so close

2012 → **2022**

European planning

Effects on the people



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Planning and the People – so far and yet so close

2012 → **2022**

European planning

Effects on the people

Challenge

- **EU level coordination**
- **Unclear/changing future scenarios**
- **No „single best“ solution**

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Focus in EU grid planning must be on legitimacy, not acceptance

Acceptance – ideal case

„I embrace the details of the final decision as my own."

Legitimacy – second best

„I do not like the final decision, but I accept the decision-making process."

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EU grid planning is a complex process with multiple levels, answering different questions

Science	What technologies will be available?
Policy	How should the energy system look like? How should grid planning be done, who decides what?
Technical planning	How should the grid system look like on EU, national and local level?

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Many actors contribute to various processes in EU grid planning

	Key current process	Key actors
Science	SUSPLAN, SEVENTH FRAMEWORK PROGRAMME, IRENE-40.eu, e-highways2050 entsoe	- Academia, Industry - ENTSO-E - EU Commission
Policy	2020, Energy infrastructure, energy roadmap 2050, Electricity Highways Platform	- EU Commission - EU Parliament - EU Member states - Interest groups
Technical planning	ENTSO-E TYNDP, National planing, NETZ ENTWICKLUNGS PLAN STROM, ENTSO-E Scenario outlook 2030	- ENTSO-E - National TSOs - Regulators

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3 key solutions to achieve legitimacy in EU grid planning and support local acceptance

	Key current process	Key actors
Science	1 Consistent objectives	- Academia - ENTSO-E - EU Commission
Policy	2 Transparency & participation in planning	- EU Commission - EU Parliament - Interest groups
Technical planning	3 Leverage EU environmental legislation	- ENTSO-E - National TSOs - Regulators

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3 key solutions to achieve legitimacy in EU grid planning and support local acceptance

1. Consistent objectives
2. Transparency & participation in planning
3. Leverage EU environmental legislation

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Examples how to apply these solutions to EU grid planning processes

	Current process	Solutions (Examples)
Science	e-highways2050 entsoe	– Strengthen research on ▪ social aceptance ▪ environmental aspects
Policy	Energy infrastructure Regulation on trans-European Energy Infrastructure	- Transparency in „Regional Groups“ - Encourage exchange of best practices in planning - Monitor implementation of good practices in environmental asessment
Technical planning	ENTSO-E • TYNDP 2012 • Scenario outlook	- Involve civil society representatives stronger - Further improve transparency - Continuous learning

Further detailed on next slides

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Suggestions to further improve the TYNDP towards achieving legitimacy (1/3)

Involve civil society representatives

Establish stakeholder group representing
•Environment
•Citizens rights
•Consumers

Initial topics
- Environmental concerns
- Social acceptance
- Scenarios and sensitivities

Direct actions
- Establish ENTSO-E contact persons
- Pose clear questions and timeline
- Show how feedback is used

RSPB nature's voice · WWF · Friends of the Earth Scotland · NATUUR & MILIEU · GERMANWATCH · entsoe

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Suggestions to further improve the TYNDP towards achieving legitimacy (2/3)

Increase transparency

Institutional improvement
•Establish "TYNDP transparency & participation officer"
•Publish "Transparency progress report"
•Include external evaluation

Specific content
•Explain and discuss criteria "social and environmental impact" better

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Suggestions to further improve the TYNDP towards achieving legitimacy (3/3)

Continuous learning

Identify and exchange **best practices** on national planning processes:
- Transparency
- Stakeholder involvement & dialogue
- Environmental assessment

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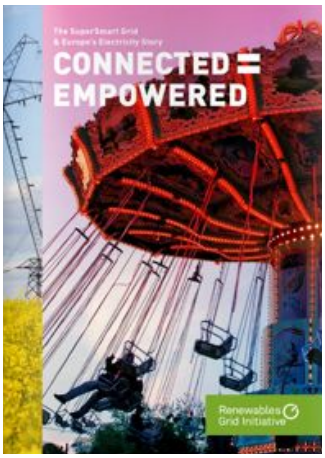
Thank you for your interest....



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Backup

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Energy Infrastructure Regulation – Ammendmends in ITRE draft report supported by RGI

Proactive environmental planning to speed-up grid development
Amendment 49 (de Campos), **442** (Jadot): Monitor the implementation of streamlined permitting procedures
Amendment 78 (de Campos), **619** (Jadot): Reporting on implementation – identification of good practices with regard to stakeholder involvement and mitigation of environmental impact
Amendment 442 (Jadot): Ensure national authorities have sufficient capacity to streamline EIAs

Strengthening support to win public acceptance at the project level
Amendment 78 (de Campos), **619** (Jadot): Reporting on implementation – identification of good practices with regard to stakeholder involvement and mitigation of environmental impact

Improving participation and transparency in Regional Groups
Amendment 700 (Jadot): Grant observer status to NGOs in regional groups
Amendment 721 (Jadot): Delete unnecessary restriction of scope for consultation of stakeholders in regional groups

Strengthen long term planning in grid development
Amendment 275 (Jadot, Sosa, Wagner): Emphasise “long term” perspective in the criteria to select project of common interest

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RGI contribution to EU Grid planning process: http://renewables-grid.eu/documents/position-papers.html

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Scientific background* – how to achieve Legitimacy

Legitimacy

1. Transparent process and decisions	▪ Give guidance to understand „rules of the game“ ▪ Continuously inform about ongoing process ▪ Inform stakeholders before somebody else does
2. Access to credible, understandable information	▪ Give stakeholders easy access to information, allow further inquiries ▪ Involve stakeholders in appropiate formats

Acceptance

3. Negotiate, seek compromise	▪ (focus: local level)

*** Master Thesis at IIIEE, Antina Sander: “From ‘Decide, Announce, Defend’ to ‘Announce, Discuss, Decide’?“**

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