



Grid Aesthetics, Milano, May 20, 2015



The INSPIRE-Grid Project

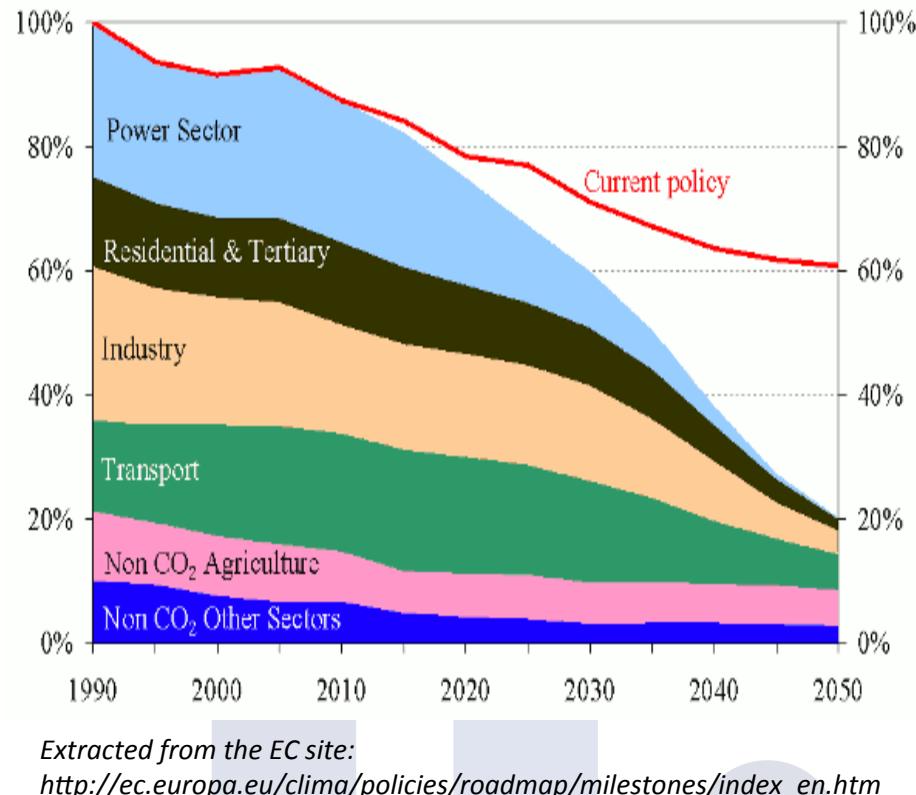
Brief introduction

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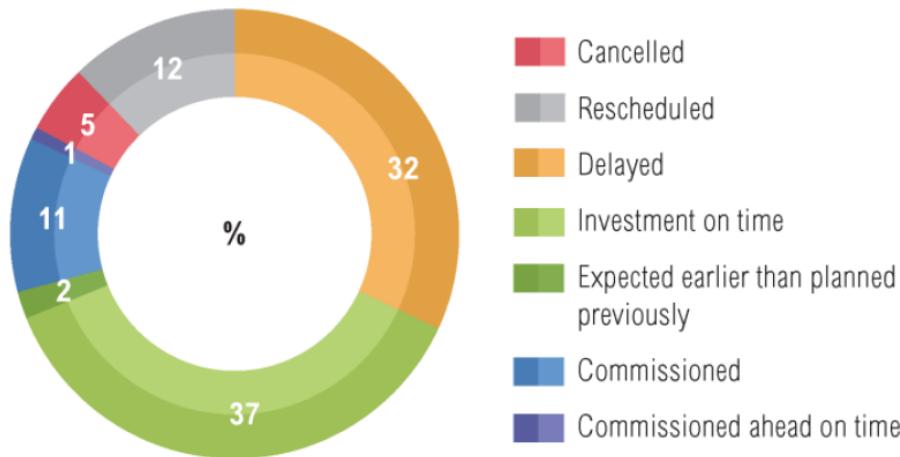
The context

- Transition towards a low-carbon society
 - Since 1991
 - ...
 - *Empowered in October 2014 with the approval of the 2030 framework for climate and energy policies*
- 2030 target: RES > 27 %
- Grid expansion and reinforcement play a major role



Grid expansion and reinforcement

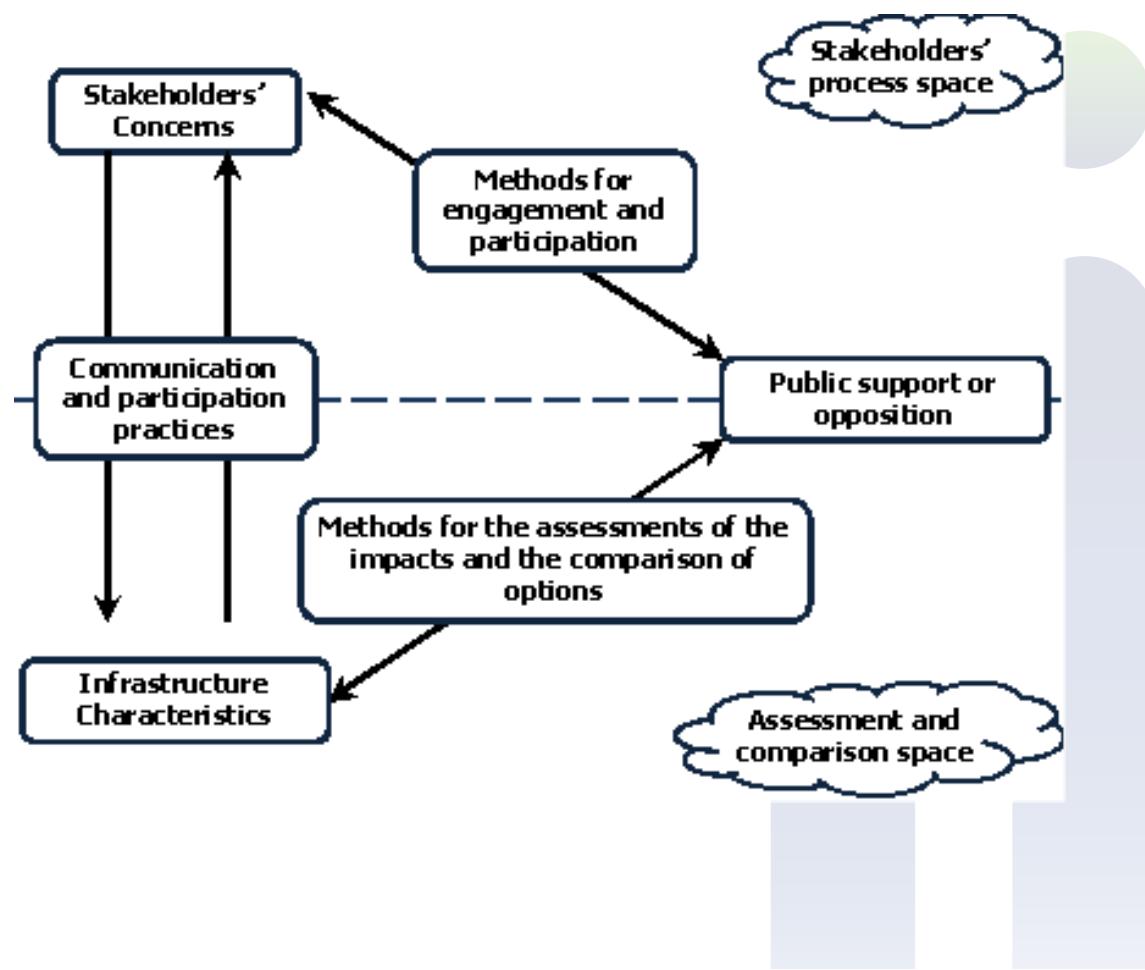
- Objectives:
 - *Secure*
 - *Sustainable*
 - *Competitive and Affordable energy*
- Most of the projects experience delays



From TYNPD, 2014

It's easy to say “NIMBY”...

- ... but it is not the full story



The INSPIRE-Grid project

Approach

Combining competences from Social and Technical Sciences,
Working together with TSOs, researchers, NGOs, authorities
Experimenting in real cases

Project Goal

INSPIRE-Grid (Improved and eNhanced Stakeholders Participation In Reinforcement of Electricity Grid) is aimed to contribute to increased stakeholder support and public acceptance for future electricity grid infrastructures.

Expected project output

By way of a multidisciplinary approach, INSPIRE-Grid will develop a methodology to manage consultation processes in different settings and design an expert-led European good practice guide.

INSPIRE-Grid Partners



INSPIRE-Grid Observers: Amprion, CIVILSCAPE, Germanwatch, NVE, Royal Society for the Protection of Birds, Terna

Main steps are:

1

- the analysis of the needs, concerns, wants and expectations of the stakeholders

2

- the development and/or adaptation of methodologies to evaluate, assess and quantify impacts and benefits on different spatial and temporal scales

3

- the development of suitable processes and mechanisms for an effective communication and real participation of the stakeholders

4

- a synthesis of the project results and a series of recommendations about the stakeholders engagement

5

- a series of case studies, with a double aim: to give elements to the methodology development and to allow a proper testing of the project output



Where we are

- Analysis of concerns and needs and development of different stakeholder maps;
- Critical review and development of criteria for good participation practices;
- Critical review of the methods concerning the assessment of risks and benefits of grid infrastructures;
- Stakeholder attitudes and a preliminary guidelines for engaging stakeholders in transmission development projects;
- Selection of case studies.



Project no. 608472

INSPIRE-Grid

IMPROVED AND ENHANCED STAKEHOLDERS PARTICIPATION IN REINFORCEMENT OF ELECTRICITY GRID

Instrument: Collaborative project

Thematic priority: ENERGY.2013.7.2.4 – Ensuring stakeholder support for future grid infrastructures

Start date of project: 01 October 2013

Duration: 36 months

D2.1

ANALYSIS OF CONCERNS AND NEEDS: STAKEHOLDER MAP

Final version

Submission date: 31.03.2015

Institut für ZukunftsEnergieSysteme (IZES gGmbH) (8)

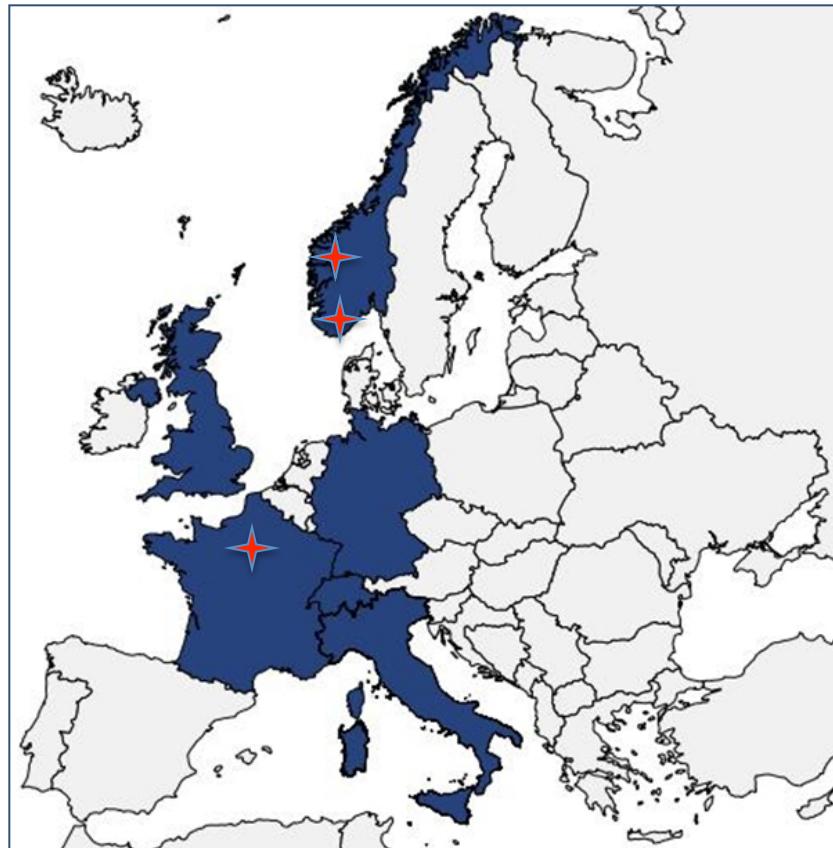
INSPIRE-Grid_WP2_D2.1

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All deliverables can be downloaded from inspire-grid.eu

Case Studies

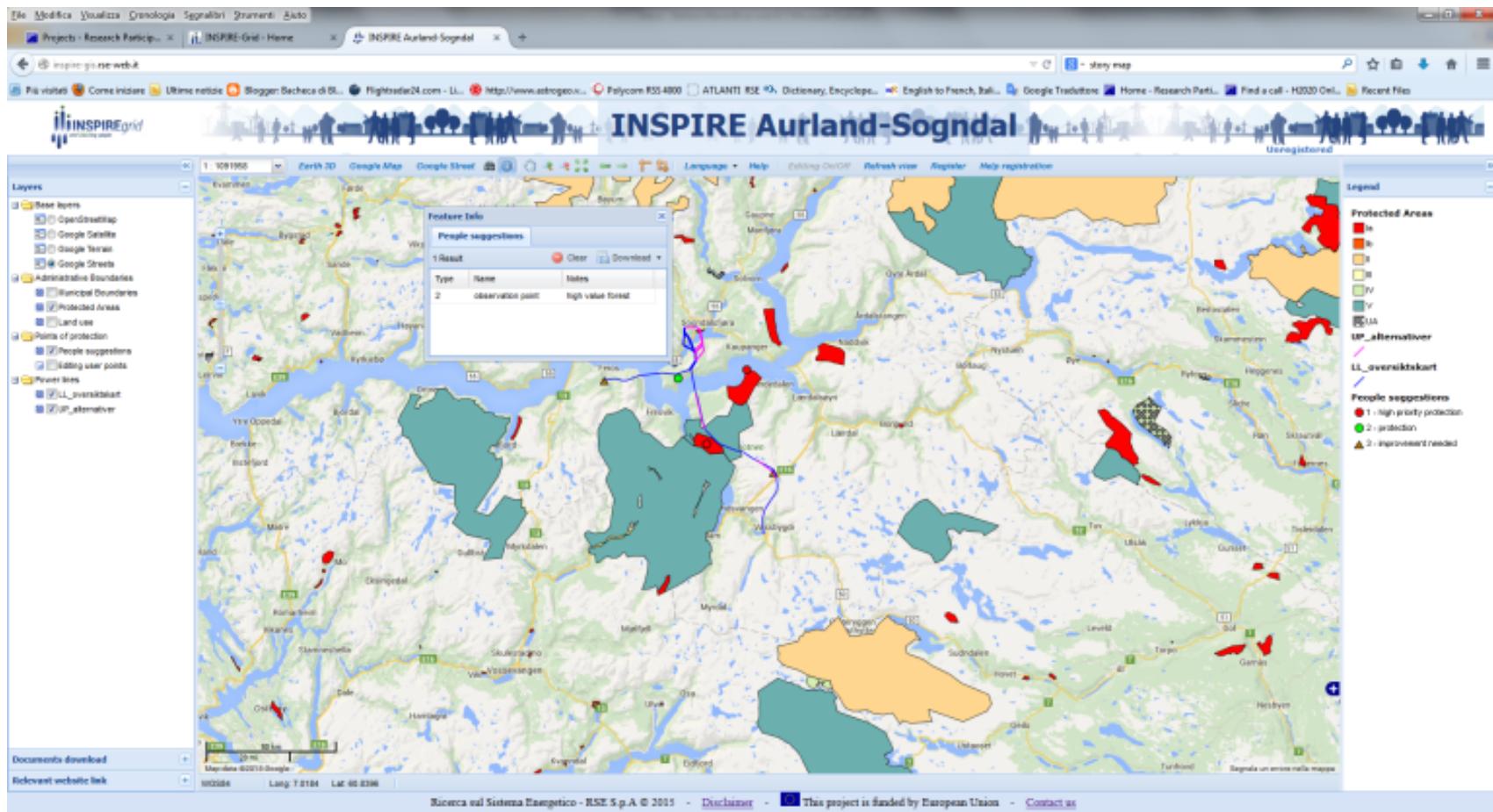
Findings will be tested in the frame of existing/on-going grid development project



The Virtuous circle



Public Participation webGIS



The screenshot shows a web browser window displaying the INSPIRE Aurland-Sogndal webGIS application. The map covers the Aurland and Sogndal regions in Norway, showing a network of roads, lakes, and mountains. Several data layers are overlaid on the map, including:

- Protected Areas:** Shown as colored polygons (red, orange, yellow, green, blue, purple) representing different protected status levels (I to VI).
- UP_Alternatives:** Shown as pink polygons.
- LL_overvurdering:** Shown as black polygons.
- People suggestions:** Shown as red dots (high priority protection), green dots (protection), and yellow triangles (improvement needed).

A feature info dialog is open in the center of the map, showing the following information:

Type	Name	Notes
1 Result	observation point	high value forest

The map also includes a legend, a layers panel on the left, and a document download section at the bottom. The browser's address bar shows the URL as <http://inspiregrid-new-web.it/INSPIRE-Grid-Home/INSPIRE-Aurland-Sogndal>.

THANK YOU FOR YOUR ATTENTION



www.inspire-grid.eu