
Method and Approach for Analysis of National Foresight Studies

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Outline

1. Reminder of Workpackage 1 Tasks

2. Scoping the work of WP1 by a Foresight definition

3. Selection of eight cases for the first phase

4. Development of a grid for analysis and comparison

5. Production and review process of draft case studies

6. First Synthesis Report

7. Open Questions and Outlook



1. What are the tasks of WP1?

- to construct an **IST sector specific** analysis for the **enlarged Europe** (EU 25)
 - ❖ taking into account national Foresight exercises, and
 - ❖ building upon existing general comparisons of foresight studies
- to explain differences of foresight studies in different countries,
- to draw conclusions on IST developments and IST-foresight requirements at the European level, and
- to support thus other FISTERA activities.



2. Scoping the work of WP1 /1

By definition

- “Foresight can be defined as a systematic, **participatory**, future intelligence gathering and medium-to-long-term **vision-building** process aimed at present-day decisions and mobilising joint actions” (HLEG / Luc Van Langenhove 2002).



2. Scoping the work of WP1 /2

By pragmatic considerations

- Fistera will have a look at national studies
- Fistera will take a look at recent studies, i.e. 1995ff
- Fistera will include national studies, which are declared Foresight studies, even if they don't match the definition of fully-fledged-Foresight (participation, vision building...) given by the HLEG
- Fistera will include also critical technology and forecasting studies provided they are based on broad participation, and provided they promise high IST-relevance.
- Fistera will not look at foresight studies of industry



3. Selection of eight cases for first phase

- In addition to the criteria mentioned before, we wanted to start with **a mix of different types** of exercises to learn early on about the difficulties to analyse and compare a broad spectrum of studies.

We have chosen the following exercises

- 2 x accession countries: Czech Republic, Hungary
- 2 x advanced Delphi: Austria, Spain
- 3 x “Third generation” Foresight: UK, Sweden, Germany
- 1 x advanced “critical technology” study: France



4. Development of a grid for analysis and comparison /1

- **James P. Gavigan and Eamon Cahill:** Overview of recent European and non-european national Technology Foresight Studies. IPTS 1997
- **Héraud, Jean-Alain; Cuhls, Kerstin:** Current Foresight Activities in France, Spain, and Italy. Technological Forecasting and Social Change 60, p. 55–70 (1999)
- **R. Barré (OST), P. Ormerod (CEST) (eds.):** Monitoring Foresight Activities. Appendix: Screening the foresight exercises undertaken in 12 countries. ESTO 2001
- **Molas-Gallart, Jordi (SPRU, UK); Barré, Rémi (OST & CNAM, France); Zappacosta, Mario, Gavigan, James (JRC/IPTS, European Commission) (eds.):** A Trans-National Analysis of Results and Implications of Industrially-oriented Technology Foresight Studies (France, Spain, Italy & Portugal). A joint JRC/IPTS-ESTO Study



4. Development of a grid for analysis and comparison /2

Main sections of grid:

- General (scope, duration, ...)
- Relevant context (R&D policy, prospective studies)
- Institutional design / organizational patterns
- Methods and methodology
- Type of FS Study: objectives and focus
- ICT-specific items
- European dimension (programmes, competition, cooperation...)
- Use, implementation, impact



5. Production and review process of case studies /1

Contents

- *Executive Summary*
- Background (economic indicators of country / IST sector indicators / IST application and use indicators)
- Foresight history and research policy context in each country
- General Description and Characterization of Study (goals, scope, focus; organisation, methodology; conclusions, results)
- Findings on ICT (SWOT; trends, visions, scenarios)
- Findings on ICT in other panels
- Analysis and Discussion
- *Literature and other sources*
- *Appendix: Summary in form of a table*



5. Production and review process of case studies /2

1. Draft case studies are based on desk research
2. Draft case studies are first delivered to all FISTERA members for comments and amendments.
3. Draft case studies will also be send to partners of the respective foresight exercise to validate content and to add information.
4. Updated versions will be available at the FISTERA website for all.



6. First Synthesis Report PM6

The synthesis report will likely contain

- the eight case studies in a smart and slim line format
- lessons on types of Foresight from comparison
- IST foresight comparison
- role of the European dimension
- The draft synthesis report will be circulated first for comments.



7. Open Questions and Outlook

- Desk research is not enough to get all the insights we want. Phone interviews and e-mail conversation can help to fill this gap, and they may turn out to efficiently support networking.



- Information on the first sample of Foresight studies will be updated continuously,
- Further case studies will be prepared continuously during the runtime of FISTERA.
- An overall synthesis report is due towards the end of the project.

Thank you for your attention !

