



SIBIS

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**Statistical Indicators
Benchmarking
the Information Society**

Concertation Meeting

Bruxelles, April 18 - 19, 2002



Technopolis



RAND Europe



Current Situation and SIBIS Starting Point

- Available official statistics are inadequate to chart Europe's progress in an IS
- Official statistics are still tuned to traditional economic and social systems:
 - Manufacturing dominating over services
 - Tangible assets over intangibles
 - Traditional over flexible employment models
- Range of new indicators is required to shed light on the New Economy and IS
- Development and testing of new indicators required
- (Co-ordination of relevant activities needed)

SIBIS project (IST-2000-26276) (01/2001-06/2003)

- Main contractor: empirica (D)
- Partners:
 - Work Research Centre (IRL)
 - Danish Technological Institute (DK)
 - Technopolis (UK)
 - Databank Consulting (I)
 - RAND Europe (NL)
 - FHSO (CH)
- Objectives:
 - Development and testing of statistical indicators benchmarking progress towards the Information Society
 - Evaluation of e-Europe actions
 - Benchmarking of achievements and progress



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SIBIS Topics (for illustration of ICT impact on IS)

- No. 1: Telecommunications and access
- No. 2: Internet for research
- No. 3: Security and trust

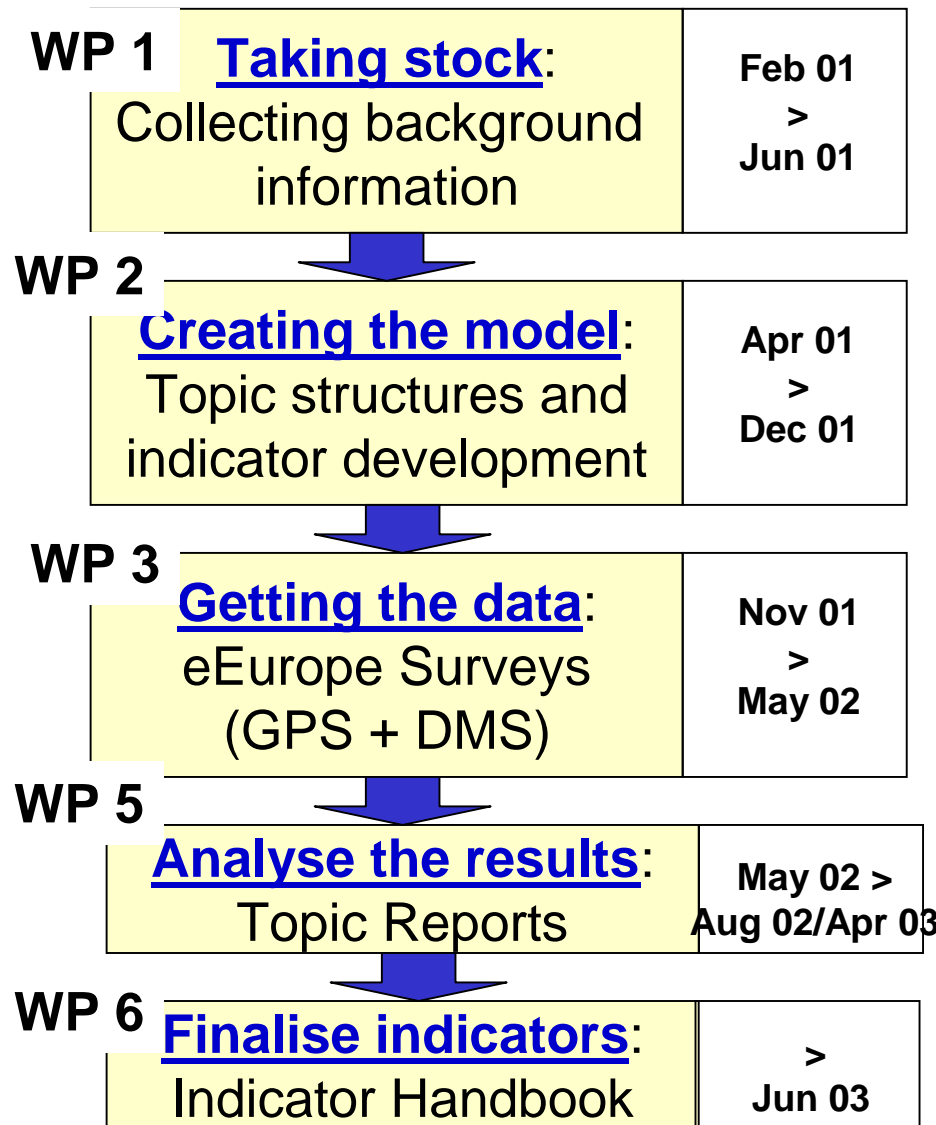
Objective 1:
A cheaper, faster
and secure Internet

- No. 4: Education
- No. 5: Work, employment and skills
- No. 6: Social inclusion

Objective 2:
Investing in people
and skills

- No. 7: e-Commerce
- No. 8: e-Government
- No. 9: Health

Objective 3:
Stimulate the use of
the internet



- General framework (Task 1.1)
- Policy analysis (Task 1.2)
- Statistical resources (Task 1.3)
- Approach to Topic Research (Task 1.4)
- Framework report (Task 1.5) ü

- Topic Analysis Rep. (2.1) (April > Sep 01) ü
- Indicator definition (2.2) (May > Dec. 01) ü

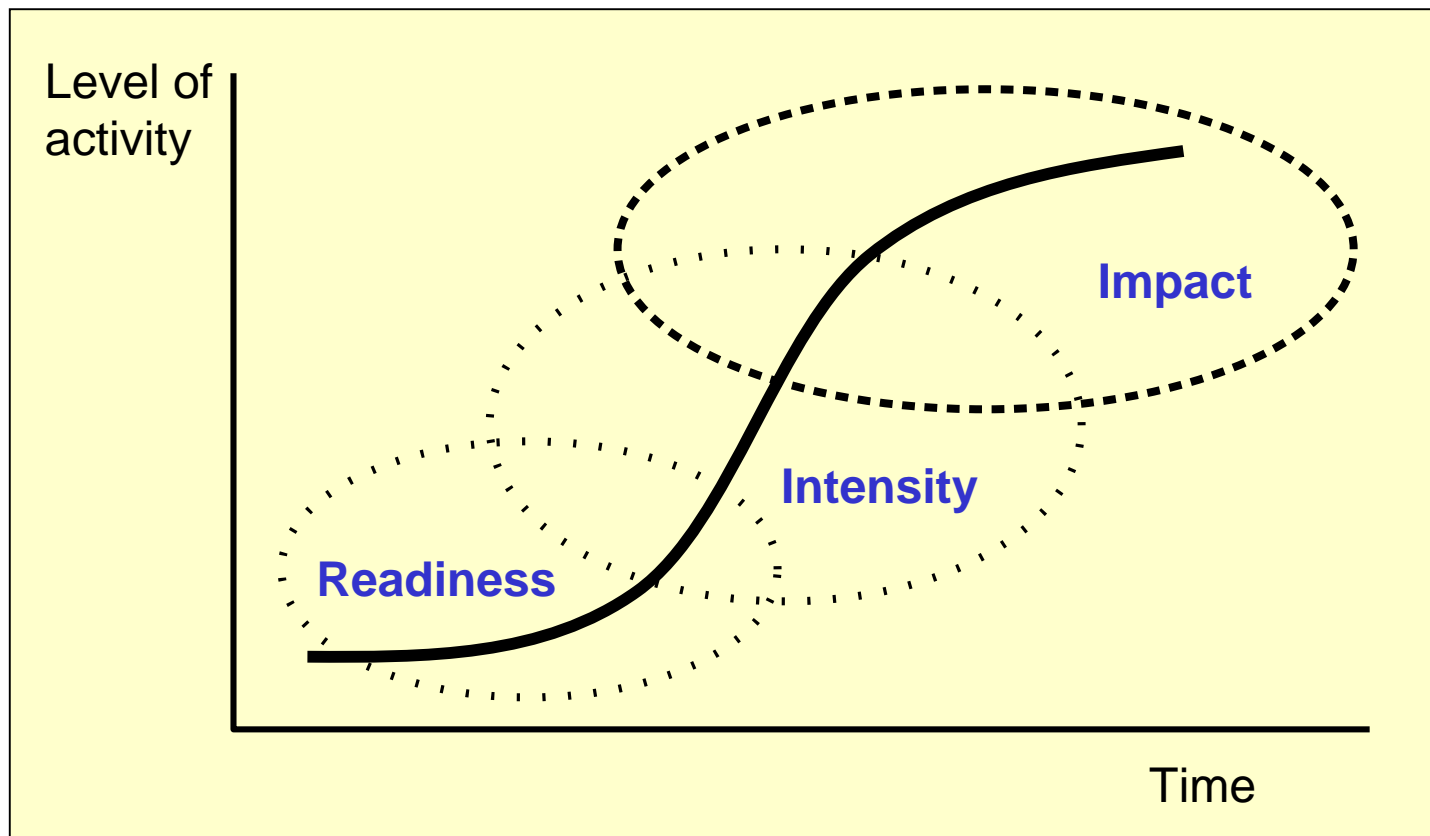
- General Population Survey (Task 3.1)
- Decision Maker Surveys (Task 3.2) ←

- eEurope Topic Reports (5.1, 5.2) ←

- Indicator Handbook (WP6)

Indicator development by market maturity

Market maturity determines research interest and needs:
WPIIS Model for eCommerce indicators



WPIIS = OECD Working Party on Indicators of the Information Society

Description of indicators

- Definition
- Notes
 - on relationships to (other) existing indicators
 - on methodology
- Sources for data and availability
 - Countries covered
 - Time series availability
- Operationalisation
 - e.g. question wording, branching instructions, data analysis instructions
- eEurope relevance

Surveys: General Population Survey

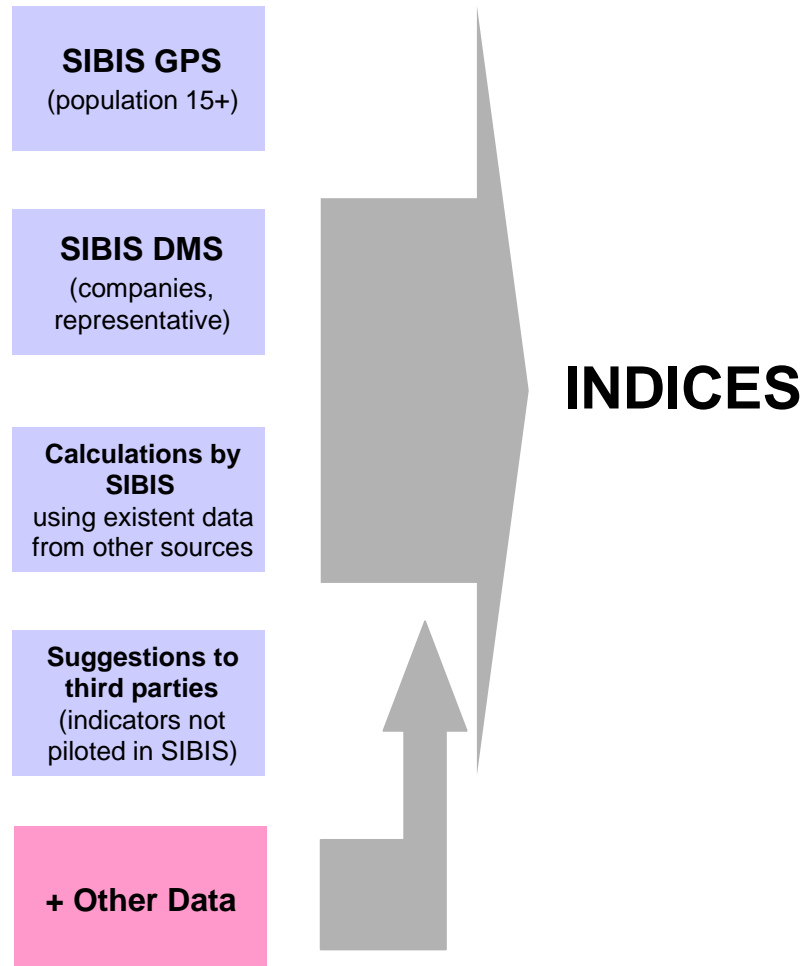
- Target population: resident population (15+) in private households
- GPS: EU15 (AT, DE, DK, FI, FR, GR, IR, IT, LU, NL, BE, SE, ES, PT, UK) + CH + US
(sample size 500-1,000 per country)
- Fieldwork execution and management by INRA
- CATI; start fieldwork: April 2002
- Average interview duration max. 20 min.

Surveys: Decision Maker Survey

- Target population (observation unit): establishments
- Reporting unit: IT decision makers
 - smaller establishments: managing director, general manager, proprietor
 - larger establishments: head of IT department, senior professionals in IT department
- D, E, F, I, UK + FIN, GR
(sample size 300-500 per country)
- Disproportionally stratified sample reflecting labour force distribution across establishment size bands
- Fieldwork execution and management by INRA
- CATI; Start fieldwork: April 2002

From Indicators to Indices

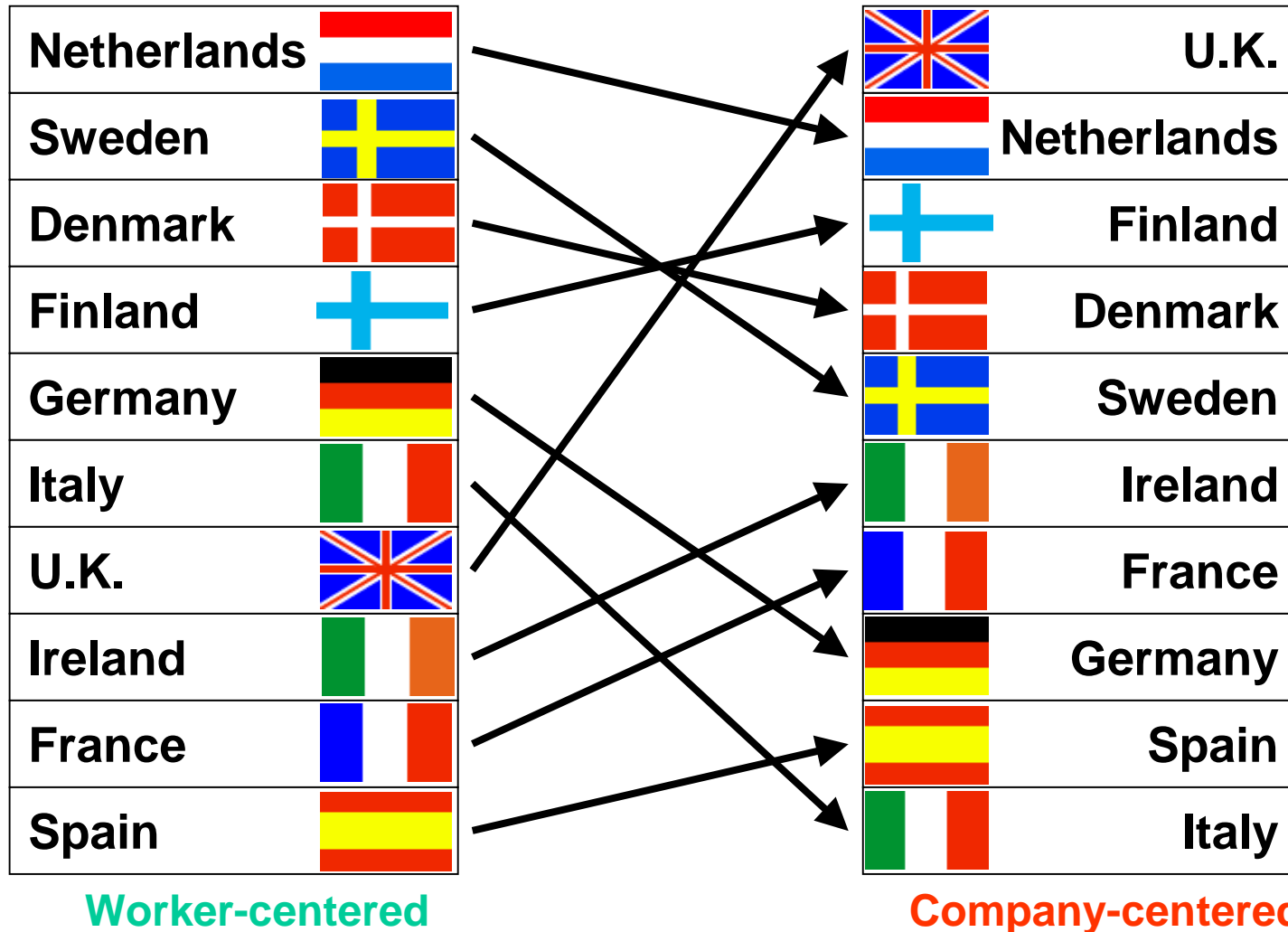
Procedure in SIBIS



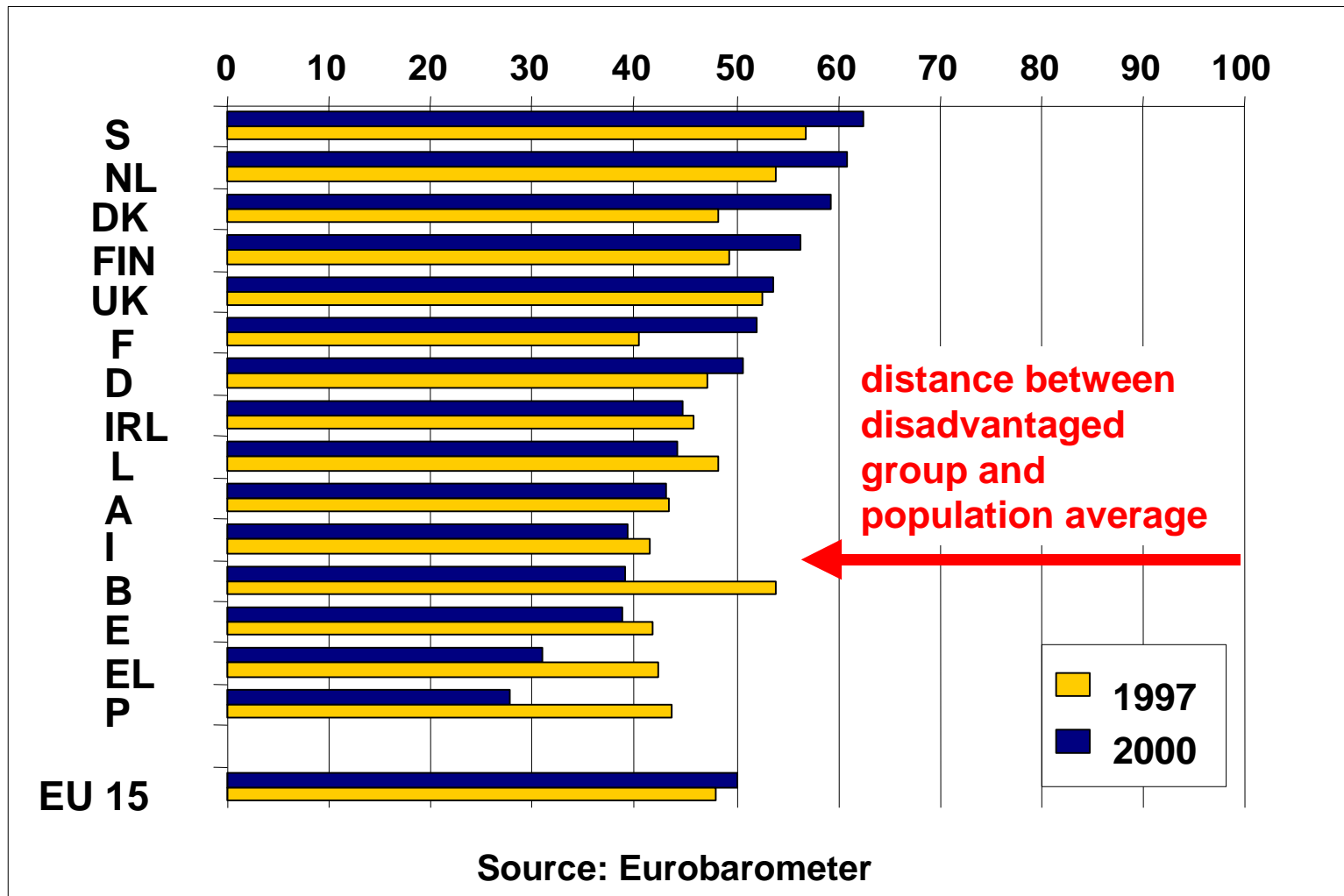
First draft of SIBIS Indices

- **DIDIX Digital Divide Index**
- **AWAI Adaptability of Work Arrangements Index**
- **eCommerce Readiness & Usage Index**

AWAI Index Calculation Results: Comparison between both subindices



DIDIX – Digital Divide Index



SIBIS and SIBIS+

- VIII1.6. / II.1.3 proposal submitted for 28/02/2002 deadline of IST Programme: approved in April 2002; start: 1 June 2002
- Extension towards NAS:
 - Slovenia
 - Hungary
 - Slovak Republic
 - Czech Republic
 - Bulgaria
 - Romania
 - Estonia
 - Latvia
 - Lithuania
 - Poland
- eEurope & eEurope+ action evaluation
- One survey (GPS) in NAS

Future Deliverables and Delivery Dates

- New indicators: April 2002
- Survey results: June 2002
- Topic Reports: (draft) September 2002
- Topic Reports: (final) April 2003
- eEurope action evaluation 2002: (draft) November 2002
- eEurope action evaluation 2002: (final) February 2003
- Indicator Handbook: June 2003
- Meetings/workshops with NSIs, Eurostat: 2002 - 2003

Workshop at IST2002

- IST2002 conference on 4 – 6 November in Copenhagen
- Call for ideas
 - Presentations
 - 90” workshops
- Proposal: Workshop on
“Statistical Indicators for the IS – Ideas and Proposals”

Thank you very much for your attention!

For continuous updates from the project please visit:

<http://www.sibis-eu.org>

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