



Schweizerische Eidgenossenschaft
Confédération suisse
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Federal Department of Home Affairs FDHA
State Secretariat for Education and Research SER

Impact assessment of the Framework Programmes in Switzerland

IGLO Workshop – 24th September 2008



1. Context

- Association agreement since 2004 for FP6
- Renewal of the agreement for FP7:
 - ~ 1.5 billion € on seven years = 68% of the budget of CH national research funding agencies (National Science Foundation, Innovation Promotion Agency)



1. Context

- Association agreement for FP7 is bound to the setting up of an indicator system meant to measure:
 - “cost/efficacy” of the participation in FPs
 - “concrete positive effects” of the participation in FPs
- Short list of indicators (~20)
- Not necessarily focussed on long term impacts
- Not bound to a specific FP



2. Project approach

Constraints

- Most of the data currently only available from survey
- Certain data only available 3 years after projects' completion
- High answer rate and quality answers → one single questionnaire per participation
- Up-to-date data for the preparation of the decision on the association to FP8 (2013)



2. Project approach

Three « Pillars »

1. Intermediate Study in 2009, based on already available data

- E-Corda
- “Results” database (for FP4 and FP5)
- Information on other Swiss research programmes
- Currently negotiating for accessing SESAME data (FP6)



2. Project approach

2. Complete Study in 2012, also relying on a questionnaire addressed to all FP5/6/7 participants whose project ended between 1st January 2006 and 31st December 2008

3. Annual publication of an analysis of the Swiss participation in FP7

- Last issue (FP6, July 2008) available at:
<http://www.sbf.admin.ch> in En/Fr/De, with fact-sheets on particular research priorities and downloadable Excel tables
- next issue: beginning of 2009



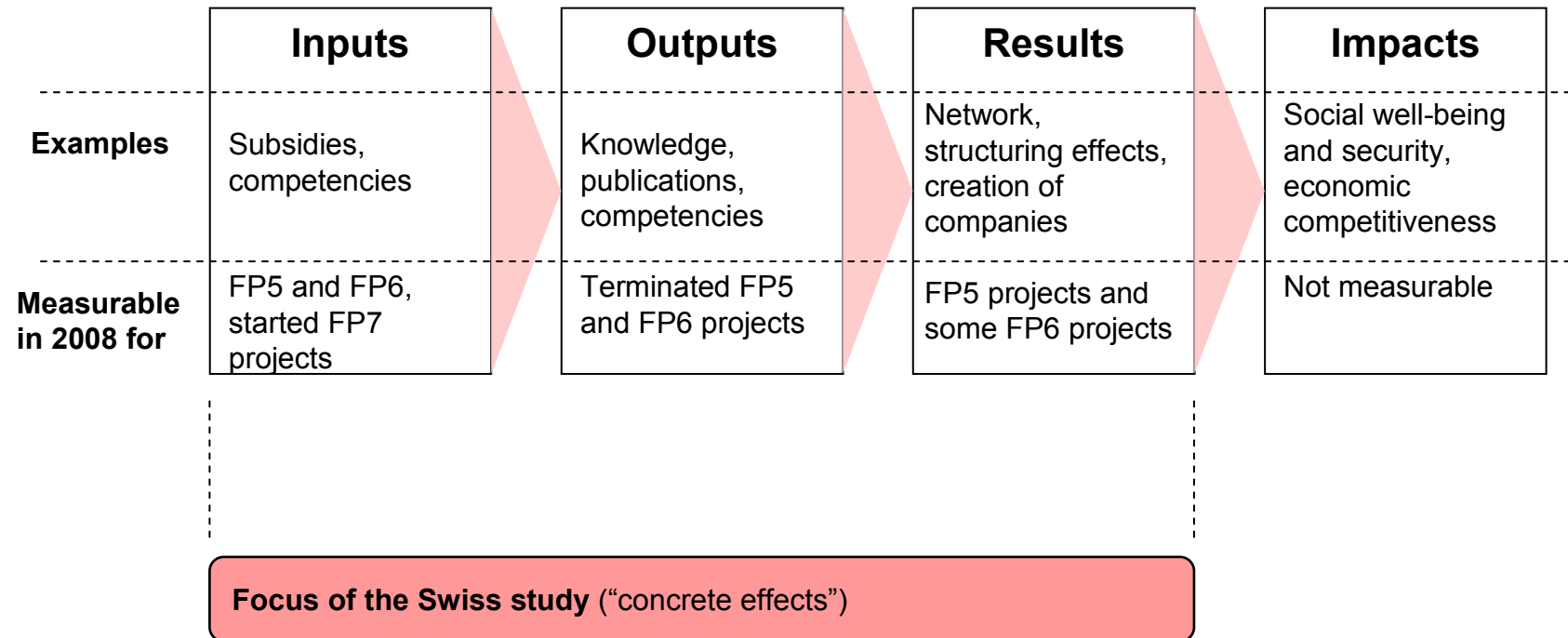
3. Methodology

Problems for measuring impacts

- No linear model of innovation
- No direct causal link between input and output/impacts
- FPs = “only” ~1.5% of R&D activities in Switzerland



3. Methodology





3. Methodology

“What you measure is what you get”

Criteria: indicators...

- ... fulfil the expectations of the Swiss Parliament and other stakeholders
- ... are technically and methodologically measurable
- ... measure concrete effects
- ... are simple and objectively interpretable
- ... cover as much as possible the whole set of FPs' effects
- ... are comparable with the one used for other countries, institutions, etc.



4. Choice of indicators

« Resources » category

	Availability in 2008
Financial return, lever effect	FP6 / FP7
Additionality (funds, risk sharing, critical mass, access to infrastructures)	No
Complementarity (comparison with other research funding sources in Switzerland)	Yes



4. Choice of indicators

« Market » category

	Availability in 2008
Portrait of participating companies	FP6 / FP7
FP-financed jobs	No
Tools / products / services / patents	FP4 / FP5
Creation of spin-off or start-up	No



4. Choice of indicators

« Network » category

	Availability in 2008
Collaborations CH-other countries and private-public	FP6 / FP7
Researcher exchanges, transfer of knowledge	No
Follow-up and utility of the project network	No



4. Choice of indicators

« Knowledge » category

	Availability in 2008
Knowledge acquisition, integration of interdisciplinary knowledge	No
Publications / communications	No
Diplomas / better carrier perspective	No
Competencies in conducting R&D activities and working in intercultural context	No
Structuring effects in Swiss S&T	No



4. Choice of indicators

Overview of impacts

- Contents of the Swiss research conducted under FPs and relevance for the society
- Success stories

Contextualisation

- Comparison with similar studies from other countries or for other research programmes



5. Further steps...

- Now finalizing project (approved by other stakeholders), to be presented informally to a Parliament member in November
- Spring/summer 2009: publication of the intermediate study and first analysis of Swiss participation in FP7
- ... interested in collaborating to develop common minimal standards in order to allow international comparison and long-term follow-up