

Part Two:
Recent European initiatives
(EFMI WG Eval)

(Ammenwerth, Nykänen, Talmon)

EFMI WG Assessment of
Health Information System (EFMI-WG EVAL)

- Founded in **2002**, as a response to the obvious needs for further progress in this area
- **Mission:**
 - To promote the necessity of a systematic IT evaluation
 - To promote theory and practice of IT evaluation
 - To develop and promote methods and tools to support systematic IT evaluation

EFMI-WG EVAL: First activities

- Establishing an European evaluation **mailing list** (120 members)
- Establishing a **bibliography** of evaluation literature
- **Workshop and tutorials** during MIE2003, STC2004 and Medinfo2004
- More information on our Website: <http://www.umat.at/efmi>

European Networking: HIS-EVAL

- April 2004, Innsbruck: ESF Exploratory Workshop on New Approaches to the Systematic Evaluation of Health Information Systems (**HIS-EVAL**)
- 23 researchers from 10 European countries



European Networking: HIS-EVAL

- Goal:
 - To foster discussion and exchange on methodological and practical evaluation issues between researchers from different traditions.
 - To create a European network on evaluation research methods and practice.
 - To initiate a combined agenda on a European level and to discuss future activities.

European Networking: HIS-EVAL

- Immediate results:
 - **Declaration of Innsbruck:** Observations and recommendations with regard to IT evaluation (IJMI)
- Details of workshop: <http://bisg.uit.at/hiseval>



Declaration of Innsbruck

- **Evaluation** means to explore or measure attributes of an information system, to inform decision making.
- Evaluation supports reflective practice.
- Evaluation is a challenging endeavour.

Ammenwerth E, Brender J, Nykanen P, Prokosch HU, Rigby M, Talmon J, et al. Visions and strategies to improve evaluation of health information systems ; Reflections and lessons based on the HIS-EVAL workshop in Innsbruck. Int J Med Inf. 2004 Jun 30;73(6):479-91.

Declaration of Innsbruck: Recommendations

1. Evaluation should be seen as an **ethical imperative**.
5. **Evaluation methods** should be selected with an open mind.
7. **Guidelines** for good evaluation practice should be made available.
8. Terms, concepts and guidelines for **reporting** on results of ICT assessment studies should be developed.
10. **Evaluation networks** should be established.
11. An open access **repository** about evaluation studies should be established.
12. Appreciation of methods of evaluation should be part of health informatics **curricula**.

European Networking: Ongoing activities

- Establishing a European **network** on IT evaluation in health care (mailing list)
- Start work on **GEP-HI**: Good Evaluation Practice Guidelines
- Start work on **STARE-HI**: Standards for Reporting on Evaluation Studies
- Establishing an **evaluation portal**
- Establishing a **handbook of evaluation methods**

European Networking: Ongoing activities

- Establishing an **evaluation database** with over 1.000 studies:
<http://evaldb.umit.at>

Inventory of Evaluation Publications

University for Health Informatics and Technology Tiro
Research Group Assessment of Health Information Systems

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