



**Invitational Scientific Expert Workshop: Quantifying the health impacts
of policies – Principles, methods and models.
LIGA.NRW, Düsseldorf, 16-17 March 2010**

**Vision and promise of quantification of health
impacts in health-related impact assessments**

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WHO Collaborating Center for
Regional Health Policy
and Public Health



Context: Policy <-> Science

Impact Assessments, espec. LIGA involvement

Quantification and uncertainty

Conclusions, perspectives

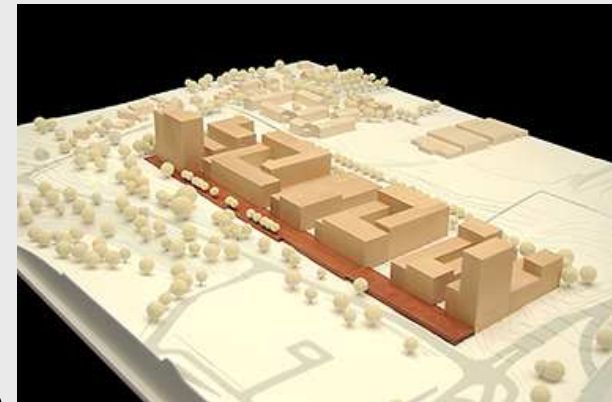




1. Context: Policy <-> Science / Institutions

Novel “Health Campus” NRW in Bochum (Ruhr area), funded by Ministries of: Health; Research; Economy, www.gc.nrw.de

... unter anderem das ZTG, das Clustermanagement Gesundheitswirtschaft NRW, MedEcon Ruhr, das Epidemiologische Krebsregister NRW, das Strategiezentrum Gesundheit, die Hochschule für Gesundheit und das LIGA.NRW,



NRW Institute of Health & Work (LIGA.NRW): “More health for all”, www.liga.nrw.de, LIGA.NRW & predecessors: devoted to RHP for decades; multiple (EC) co-funded projects, often related to HIA

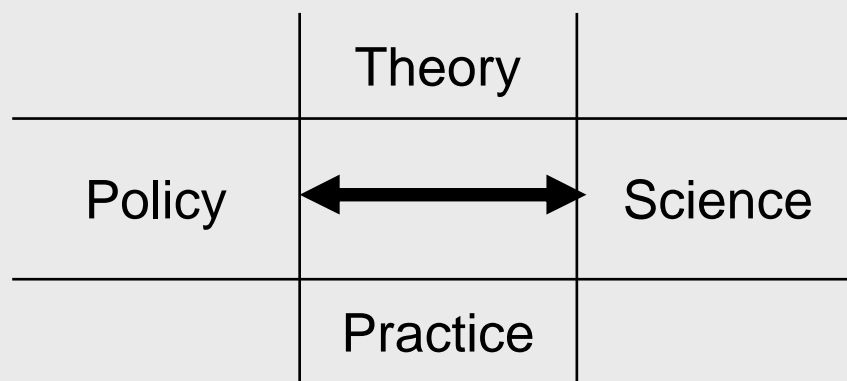


WHO CC RHPPH

Leitmotifs include: integration, prospective orientation, assessments...

Activities include: Scientific discourse, workshops, advanced training, e.g. 1 March 2010: Health Systems Performance Assessment (with RAND Europe)

Basic frameworks include:



R H P
(*sketch to follow*)





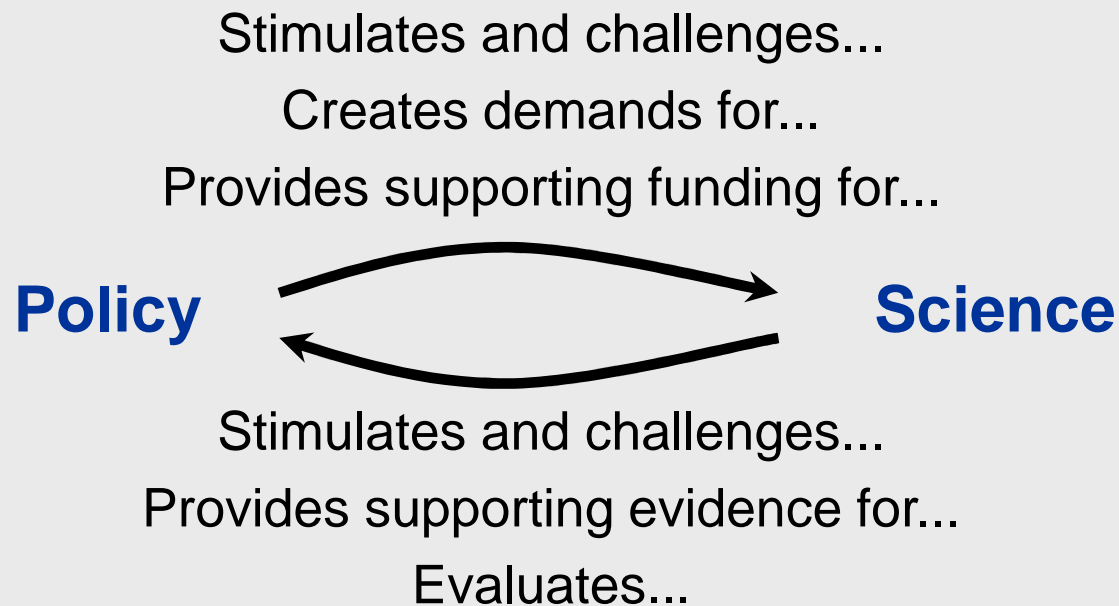
Policy arena vs. Science arena

	Policy arena / rationality	Science arena / rationality
Drivers, values	Political programs, innovations, public approval, election success	Strive for knowledge, „objectivity“, innovation, scientific recognition
Structure, actors	Division of power (legislative, executive, jurisdictional), political parties, civic society, NGOs, public media	Research groups, universities, professional associations
Processes, work forms	Governing / governance, policies, plans, programs, projects, innovations	Research projects and programs: basic / applied / R&D
QA / QC	Elections, Review committees	Peer review, publications, acquisition of funding





Policy – Science interface



Interfacing / Policy counseling / Policy advice:

- **Traditional**: Expert advisors, Advisory councils, Think tanks, Committees, ...
- **Novel**: Policy dialogues, Policy briefs, **Impact assessments**, ...





2. Major tools to use at “science – policy” interface: **Assessments**

Assessments of...

- **Status / trends** of: Health, health determinants, health consequences, i.e. health reporting, health forecasting
- **Needs / Assets**: Health Needs Assessment (HNA), Health Assets Assessment
- **“What-if” / Impacts**: Various forms of Impact Assessment (IA)
- **Performance**: Health Systems Performance Assessment (HSPA), ex-post assessment (evaluation)





Health-related Impact Assessments / Involvement of LIGA.NRW, 1990s-2002

199x BMFT-funded Project “HIA”

1993 DGSMP, MEDICA, EUPHA, ASPHER, Healthy Cities Conf SF

1994 Environmental Med. Duisburg, IAIA, GMDS, U Dortmund

1995 Forum U’med NRW, PH Congress Dresden

1996 ISEE Edmonton, IEA Nagoya, U’med Bad Nauheim

1997 AfÖG D’dorf, WHO Geneva,

1998 U’med Bad Nauheim, TEH Vienna; Review TEH for WHO Rome

1999 HIA Seminar Helsinki, HIA Transport Bielefeld (with RIVM), WHO
Gothenburg Conference

2000 U Hamburg: Stadt & Staat, Round table NSPH Amsterdam, SEA
Szentendre (Hungary)

2001 Eco-Informa Argonne IL (USA), ISEE Garmisch, California Health
Department (Oakland), German National HIA workshop (BgVV Berlin)

2002 ISEE Vancouver, IAIA The Hague (NL), EUPHA Dresden





Health-related Impact Assessments / Involvement of LIGA.NRW, 2003ff

2003 Workshop Birmingham (UK), EUPHA Rome

2004 AfÖG (Münster); AK U'Med (HH), EUPHA Oslo

2005 HIA Graz (A), RIVM (NL), IUPHE Stockholm, Xprob (UBA, Berlin)

2006 7th HIA congress Cardiff, 8th German EIA congress, Paderborn

2007 8th HIA congress Dublin, IAIA Seoul; Prevention congress by a
German Parliamentary faction, Symposium Med. Geography, HIA/HSIA
Lisbon

2008 Int. Policy Dialogue HIA Sevilla (E), 9th German EIA Congress Bad
Kissingen, 9th HIA Liverpool, 2nd GHUP Graz (A); Regions for Health
Network Varna (Bulg); EC consultation on IA guidelines; start of working
group "Human health" with German EIA Assoc.

2009 16th PH Colloq U Bielefeld, ISEE Dublin, Exchange visit Kurume
(Japan), EUPHA Lodz (PL), 10th HIA Rotterdam, SEA meeting WHO
Rome, WHO CC workshop Bielefeld; Start of "Family of IAs" initiative





Initiative “Family of health-related Impact Assessments”

- Focus: Health Impact Assessment (HIA), Environmental Impact Assessment (EIA), Strategic Environmental Assessment (SEA), Social IA, Sustainability IA, Health Technology Assessment (HTA), EC-type (integrated) IA
- **Objectives:**
 - to learn from each other, and harness synergies of different kinds of IAs
 - to mitigate conflicts of multiple IAs being conducted on same policy, plan, program, project, technology
 - to discuss pro’s and con’s of integrated IAs





Policy-related IAs, examples from LIGA.NRW

- EC EPHIA project: European Employment Strategy
- EC ENHIS project: Traffic noise and children's health
- More: Drinking water privatization; extension of waste disposal site; siting airport; etc.
- Current: Rapid HIA of novel spatial planning in Ruhr metropolitan area: LIGA.NRW acted as "Institution responsible for public concerns" and supported the coverage of health aspects on the basis of the draft plan -> variety of substantive & procedural themes
- Current: EC RAPID project: NRW housing policy, etc.
- **Conclusion: Health opportunities in policy-making across non-health sectors = chronically under-used**
- Options to strengthen "Health in all policies" (WHO):
 - Departmental health plans (*Fachplan Gesundheit*)?
 - **Quantification of health impacts?**





Quantification in HIA

- from early on... (e.g. heinde), QRA...
 - HIA book: main chapter on QRA
 - QRA project with cross-relations...
-
- (usw. cf. Word from OM)





Conclusions

- HIA = a Public Health promise which is hitherto (at least partially, and in some countries widely) unfulfilled
- Specific situation (opportunities, obstacles) in each country
- Different “schools” / traditions, at least (i) qualitative / procedural / focus on stakeholder participation, (ii) quantitative / methodological; with (current) tendency towards convergence





(Reste)





Current and recent EC co-funded LIGA.NRW projects related to Regional Health Policy and/or HIA??

AMIEHS: Avoidable mortality in the European Union: towards better indicators for the effectiveness of health systems

ECHIM I, II: European Community Health Indicators Monitoring

ENHIS I, II: European Environment and Health Information System

EUPHIX I, II: EU Public Health Information & Knowledge System

EUREGIO I, II: Evaluation of cross-border activities in the European Union

HLS-EU: European Health Literacy Survey

ISARE, I2SARE: Indicateurs de santé des Régions Européennes / Health Inequality Indicators in the Regions of Europe

PHGEN: Public Health Genomics

PIA PH: Policy Impact Assessment of Public Health Reporting

RAPID: Risk Assessment from Policy to Impact Dimension

UNIPHE: Subnational indicators to improve public health in Europe

URHIS I, II: European Urban Health Indicators System

