Health Impact Quantification: DG Research and Innovation perspectives

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Main DGs and agencies of the Commission addressing E&H health issues

Policies on chemicals, EDC strategy, air pollution, noise, water pollution, biodiversity, LIFE+ programme, 6th Environment Action Programme.

Public health issues (EMF, indoor air, ETS), Community legislation on food contaminants, risk assessment committees (Scientific Committee on Health and Environmental Risks, Scientific Committee on Emerging and Newly Identified Health Risks), Programme of Community Action in the Field of Health 2008-2013.

Community legislation on substances, REACH.

Occupational health

Reporting, analyses...

Implementation of REACH

Chemical testing, monitoring, nanobiosciences...
“The European Environment & Health Action Plan 2004-2010
Better health from a better environment - a challenge for the future”

1 - IMPROVE THE INFORMATION CHAIN
2 - FILL THE KNOWLEDGE GAP
3 - RESPONSE: REVIEW POLICIES AND IMPROVE COMMUNICATION

13 Actions

Action 7: Develop methodological systems to analyse interactions between environment and health

FP6
- INTARESE
- HEIMTSA
- 2-FUN

FP7
- PURGE
- URGENCHE
- TRANSPHORM
Methods and tools for integrated environment health impact assessment: 14 projects under FP7

- **TRANSPHORM** - Ambient air pollutants and climatic factors
- **ENNSATOX, NEPHH** - Nanoparticles
- **QWECI** - Climatic factors, microbial agents
- **ACROPOLIS, CADASTER, RISKCYCLE** - Chemicals
- **CHICOS, EURO-URHIS2, LENVIS** - Cross-cutting issues
- **CITYZEN, MEGAPOLI** - Climatic factors, ambient air pollutants (health aspects are minor)
- **PURGE, URGENCEH** - Cross-cutting issues
A team of internationally recognised scientists in the areas of health risk assessment, urban energy demand and supply scenarios, urban planning, environmental science and epidemiology - in close collaboration with city partners in both Europe and China – will develop and apply a methodological framework for the assessment of the overall risks and benefits of alternative greenhouse gas (GHG) emission reduction policies for health and well-being.

This framework considers GHG emission reductions of energy demand and supply and transport scenarios in urban areas, the effect of these policies, and subsequently the impacts on human health and well-being.

The GIS-based approach takes into account the advances made in integrated assessment in a large range of studies in Europe over recent years (many with participation of the project partners).
Social determinants of health

FP7-Health theme (Health promotion and disease prevention)

« Gradient » : Applying Public Health Policies to Effectively Reduce Health Inequalities amongst Families and Children

EU Health Programme 2008-2013 (DG Health and Consumers)

6 ongoing projects
✓ Prioritisation of issues
✓ How to coordinate with national activities/activities outside the EU
✓ Keen competition for funding – availability of budget
✓ Efficient transfer of results to policy makers
✓ Keeping E&H as a distinct research area
Main accomplishments and challenges of INTARESE/HEIMTSA/2-FUN

- Increased visibility for Environment and Health Impact Assessment (IEHIA) at EU level → increased interest from potential end-users at EU level

- Conclusion of ‘Study on the longer-term impact of Community funding of research in the field of Environment and Health’ 2010: National stakeholders selected integrated environment and health impact assessment as an important issue

- Challenge: Keep momentum (FP8?); maintenance and further population of toolbox and data
Thank you for your attention

EU Candidate countries
• Croatia
• Turkey
• FORYM
• Iceland