

Health Impact Quantification : DG Research and Innovation perspectives



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

EUROPEAN COMMISSION / European Research Area / 7th Framework Programme

Funding of research



European Research Area

European Commission
Research & Innovation

European Commission
Information Society and Media

- Environment Directorate
- Health Directorate
- Biotechnologies, Agriculture, Food Directorate
- Industrial Technologies Directorate

Policy making



Environment

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



Directorate-General for Health & Consumers

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 ...



European Commission
Enterprise and Industry

Community legislation on substances, REACH...



Directorate General for Employment, Social Affairs & Equal Opportunities

Occupational health

Other actors



EEA European Food Safety Authority

Reporting, analyses...



ECHA

Implementation of REACH



JRC
EUROPEAN COMMISSION

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

- ✓ 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, URGENCHE-Cross-cutting issues





URGENCHE: Urban Reduction of GHG Emissions in China and Europe

- 17 partners
- Coordinated by Univ. Exeter
- 2011-2014

✓ 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.

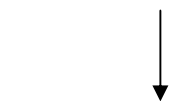
✓ This framework considers GHG emission reductions of energy demand and supply and transport scenarios in urban areas, the effect of these policies, and subsequently the impacts on human health and well-being.

✓ 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).





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

- ✓ 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

