In Wallonia on the way to a confluence of Environmental Health and Social Vulnerabilities

Some definitions

Environmental Health

The World Health Organization (WHO) in 1993 defined the concept of Environmental Health:

“Environmental health includes aspects of human health, including quality of life, which are determined by physical, biological, social and psychosocial environment. This includes theoretical and practical aspects of evaluation, correction, control and prevention of environmental factors that could potentially affect adversely the health of present and future generations.”
Social vulnerabilities

“Social vulnerabilities evoke the fragility of people in relation to hazards such as natural disasters or pollution. This notion suggests upstream problems of health, housing, living condition..., and downstream more or less capacity of the society to manage alea and resume normal fonctionnement.”

Environmental Impact on health

- The abbreviation **DPSIR** refers to system for environmental problems analysis, according to which economic and social developments (driving force, D) exert pressures (P) over the environment, and therefore the environmental state (S) changes. This leads finally to impacts (I) on human society and ecosystems, which can trigger political responses (R) such as mitigation, adaptation and rehabilitation actions.

- This model has been adopted by the European Environment Agency. This is an extension of the Pressure-Response model developed by the OECD.
**A little history**

**WHO**

- 1989
- 1994
- 1999
- 2004
- 2010

**European Union**

- 2002
- 2003

**Belgium**

- 2003

**Wallonia**

- 2003
- 2008
- 2009
- 2010

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**European environmental health plan (2004-2010)**

- **EH information Systems**
  - Prepare indicators EH
  - Develop integrated monitoring of environmental
  - Define a coherent approach for biomonitoring in Europe
  - Improve coordination in EH

- **EH research**
  - Integrating and strengthening research in EH
  - Focus research on diseases, disorders and exposures
  - Evaluation of external costs and harmonisation of methods
  - Detect and treat emerging risks in EH

- **Policy review and communication**
  - Prepare targeted public health actions
  - Encourage specialists's training
  - Coordinate risk reduction measures
  - Improve air quality inside buildings
  - Monitor research on electromagnetic fields
Belgian national environmental health Plan

- Rem: Restriction of the National Plan of Action of Environmental Health (NEHAP): determinants of health related to lifestyle are not included (alcohol, tobacco, food habits, ...) as depending more of the social sphere.

- Approach in 7 recommendations

  Mutual Actions under NEHAP
  1. Collaboration
  2. Database
  3. Research
  4. Prevention

  Actions belonging to each authority level
  5. Information
  6. Formation
  7. Sensibilisation

Environment and Health Interministerial Conference (CIMES)

- Cooperation agreement 10 dec 03 (MB 30 sep 04)

- CIMES: Federal + Communities + Regions
  - Belgian cell EH (5/10/04)
  - Joint projects possibilities
  - Information Exchange
  - International relations

- Annual Budget: +/- 100.000 euros (18% RW)
In Wallonia environmental Health
Regional Actions Plan

PARES (GW December 12\textsuperscript{nd}, 2008)

7 axis / 20 actions

- Inform, sensibilise et communicate in EH
- Develop a strategy of anticipation, evaluation and management for health risks related to environment
- Reduce health risks associated with indoor pollution
- Organise an information system in EH (SISE)
- Coordinate and strengthen research in EH
- Develop specific training to EH
- Develop cooperation between institutions responsible for environment and health at all levels of authorities

Wallonia: permanent cell
environmental health

- Missions:
  - Give concrete expression to Regional Action Programme;
  - Secretariat of the Environmental Health Task Force;
  - provide an interface between institutions and people regarding environmental-health concerns;
  - act in coordination with the various regional institutions, federal, provincial,...: crisis centers, AFSCA, AFCN, analytical services indoor environments, etc.;
  - Meet demands from implied Walloon Ministers and formulate initiative proposals;
  - be surrounded with a network of scientific experts
Wallonia : Environmental Task Force

- Established in 2006, The Task Force will continue to ensure cross-collaboration in environment health between:
  - administration and regional institutions in charge of health and environmental
  - And administration and agencies of the german and french community who work on health

Walloon Health Observatory

- Note from GW October 2d, 2008
- Partnership between GO Local Authorities, Social Action and Health and IWEPS (Walloon Institute for Evaluation, Forecasting and Statistics)
- Missions: contribute to improve the health of the population in Wallonia.
- 4 major objectives:
  - Improving knowledge on health issues and their determinants;
  - Providing scientific tools to design, monitor and evaluate public health policies;
  - Highlighting social health inequalities and doing so contributing to reduce them
  - Streamlining information gathering at the sub regional scale (by provincial observatories, for example), and organizing information flows (so as to facilitate access by local actors to health information and centralized decision making tools).
The Walloon Health Report

http://socialsante.wallonie.be/tableaubordsante/

Partners in Wallonia

- Policymakers
- Legislations: environmental Permits, social cohesion plan ...
- Regional Administrative Services: OWS, Environmental Health Direction, Branch Social Action Direction
- Community Services: the French and germanspeakers
- Federal services: Health SPF, IPH
- Local authorities: CPAS,...
- Provincial: SAMI,...
- Associations: IEW, Espace environnement...
- Partners in research, university,...
Faire svp des « bulles » avec 1 bulle centrale pour le citoyen et des bulles autour avec par bulle:
u36263; 20/10/2010
Wallonia on its way to link environmental health and social vulnerabilities

- Strong support as the regional policy statement or plan of social cohesion
- Structures
- Partners
- Plenty of initiatives
- Projects
- Meetings like today’s one
- Experiments

King Baudouin Foundation
Calls for Projects in partnership with OWS
Kathy stp mettre une image de la 1ère page de la brochure (site DGO5)
A working example of partnership during a pollution episode in an industrial area

Let’s go ahead with new challenges

Multiply Micro- Actions and interactions for a macro-result
Fond dia svp google Marchienne au pont
u36263; 20/10/2010
Thank you very much for your attention