



- Act at environmental factors levels, promoting health for all
- Increase awareness-raising, training and education of professionals and general public
- Adjust policies and improve risk communication
- Enhance an information network increasing knowledge on environment and health relationships



EXPECTED RESULTS

- ✓ Filling knowledge gaps
- ✓ Integration of information and improving the information chain, enhancing effective actions
- ✓ Strengthening of research activities and identification of emerging issues
- ✓ Prevention, control and risk reduction strategies
- ✓ Improving risk communication
- ✓ Reviewing policies
- ✓ Developing awareness-raising, training and education
- ✓ Enhancing cooperation with international *fora*

PT – NEHAP
2008 - 2013



Approved by Ministerial Council Decision No. 91/2008
in June 2008

<http://www.apambiente.pt/politicasambiente/ambientesaude/emportugal/paginas/default.aspx>



Portuguese Environment and Health Action Plan

Developed under the scope of **5 Strategic Axis**, comprising **36 Actions**.




















The Actions will be implemented in one or several of the **nine Priority Domains** established:

-  **Water**
-  **Air**
-  **Noise**
-  **Chemicals**
-  **Food**
-  **Soil and sediments**
-  **Housing**
-  **Radiation**
-  **Meteorological Events**
-  **Transversal Actions**

36 Actions to be implemented in 5 Axis and 9 Domains

Axis I





-  I.1 – Reference framework and supplementary monitoring programme for the water domain
-  I.2 – Study of health risk factors associated with waters for recreational use
-  I.3 – The benefits for health derived from the use of thermal waters
-  I.4 – Spatial distribution of air quality data
-  I.5 – Establishment of a surveillance system of health effects associated with exposure to atmospheric pollutants
-  I.6 – Survey of information and/or monitoring of soil and sediments' pollutants
-  I.7 – Survey of health effects associated with soil and sediments' pollutants and definition of an intervention strategy
-  I.8 – Survey and systematisation of information on chemical substances produced, imported and used
-  I.9 – Survey and systematisation of information on Health status' changes associated with the consumption of contaminated food
-  I.10 – Survey of information and/or epidemiological surveillance of effects on human health associated with exposure to environmental noise
-  I.11 – Survey of information and/or epidemiological surveillance of effects on human health associated with exposure to noise in the workplace
-  I.12 – Systematisation of health effects associated to comfort and well-being parameters of housing and to construction techniques and materials
-  I.13 – Study on the influence of urban green areas and sports/leisure equipments on the adoption of healthy behaviours and lifestyles
-  I.14 – Systematisation of health effects associated with exposure to non-ionising electromagnetic fields and survey of emission sources
-  I.15 – Research on extreme meteorological phenomena and its effects on health
-  I.16 – Establishment of an Environment and Health indicators' system
-  I.17 – Integration of information by priority domain and identification of potential risk areas

-  I.18 – Environment and Health information network directed towards professionals




Axis II

-  II.1 – Air quality forecasting and population alert system
-  II.2 – Intervention framework on endocrine disruptors
-  II.3 – Intervention framework on pest control activities
-  II.4 – National integrated biomonitoring programme
-  II.5 – Local Action Plans on housing and health
-  II.6 – Household radon control
-  II.7 – Harmonisation of practices regarding the management of radioactive waste
-  II.8 – Information, registration and alert system for extreme meteorological events and high risk exposure to UV radiation
-  II.9 – Alert and Response system to emerging questions



Axis III

-  III.1 – Good practice guides on Environment and Health
-  III.2 – Information and awareness of general population and/or specific sectors
-  III.3 – Training on Environment and Health
-  III.4 – Education on Environment and Health

Axis IV

-  IV.1 – Innovation on Environment and Health politics
-  IV.2 – Risk communication strategy
-  IV.3 – Legislative measures, guidelines and proposal for incentives by priority domain

Axis V

-  V.1 – Articulation with European NEHAPs
-  V.2 – Norms, guidelines and international recommendations

To support the development and the implementation of the planned Actions, an **Intergovernmental Working Group** was established, with representatives of ten Ministries. Nine **Project Teams**, one per Priority Domain, were also established with representatives from about 40 Entities.