

## SEARCH II — School Environment and Respiratory Health of Children



**SEARCH is an environmental health research initiative implemented in the international frameworks of the EU Action Plan on Environment and Health and the World Health Organization's Children's Environment and Health Action Plan for Europe**

### Activities

- Monitoring children's health and air quality in schools with special focus on energy use and well-being
- Creating a comprehensive environmental health database via assessments
- Designing environment and health capacity-building programmes for school staff and training for local implementation

### Impacts

- Contribution to European legal and policy framework for sustainability in schools
- Recommendations on improved school environment, buildings and energy consumption based on analysis of data from the 10 countries
- Enhancement of the required change in knowledge, perspectives and priorities regarding energy efficiency
- Exchange of information and good practices from Italy to other countries in the pan-European context

- Duration: 2010–2013
- Donor: Italian Ministry for the Environment, Land and Sea (IMELS)
- Budget: EUR 640,752

#### IN NUMBERS:

- 101 schools
- 10 countries
- 55 environment and health experts

#### GEOGRAPHICAL SCOPE

Albania, Belarus, Bosnia and Herzegovina, Hungary, Italy, Kazakhstan, Serbia, Slovakia, Tajikistan, Ukraine

## SINPHONIE — Schools Indoor Pollution and Health: Observatory Network in Europe



### Activities

- Reviewing previous research on indoor air quality and its impact on children's health
- Carrying out environmental monitoring in schools and health assessments of children using a common methodology
- Assessing the outdoor/indoor school environment and its impact on children's health
- Managing health risks and developing guidelines and recommendations for schools

### Impacts

- Policy recommendations on remedial measures in the school environment
- Creation of a European monitoring network and database using common IAQ protocols and other environmental parameters and related health impacts in schools throughout Europe
- Evidence provided for compiling IAQ guidelines to improve air quality in the school environment and childcare settings

**SINPHONIE, a complex research project on health, environment, transport and climate change, aims to improve air quality in schools. It contributes to the EU Action Plan on Environment and Health and the Parma Declaration of WHO Europe**

- Duration: 2010–2012
- Donor: European Parliament (Technical coordination: DG SANCO – European Commission)
- Budget: EUR 4 million

#### IN NUMBERS:

- 39 environment and health institutions
- 25 countries
- 118 schools
- 300 environment and health experts

#### GEOGRAPHICAL SCOPE

Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, Czech Republic, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Sweden, United Kingdom

