

## InAirQ - Transnational Adaption Actions for Integrated Indoor Air Quality Management



**Recipients:** Interreg Central Europe

**Duration:** 3 years (from July 2016 to June 2019)

**Partner:** National Public Health Center (Lead Partner, Hungary) Municipality of Várpalota (Hungary) Nofer Institute of Occupational Medicine (Poland) Marshal Office of Lodz Region (Poland) National Institute of Public Health (Slovenia) Slovenian Network of Health Promoting Schools (Slovenia) National Institute of Public Health (Czech Republic) School Foundation (Italy)

**Description:** The World Health Organisation (WHO) and the European Commission's DG Health have warned that air pollution • indoor and outdoor • is the major environmental health concern, which can lead to serious health effects. Indoor exposure to air pollutants may occur in any indoor environment; among them, schools. The most vulnerable to the adverse effects of air pollution are children aged 6-14, which represent 11% of the total Program area's population.

InAirQ project aims to describe the health impacts of indoor air quality on the vulnerable population and to take action to improve the healthy environment in schools in central Europe. The project will develop a virtual health repository to help decision makers monitor the indoor air quality and its changes.

Knowledge-providing partners

- national/regional health authorities and institutions
- will provide the baselines of indoor air quality and its health impacts at transnational scale. Local and regional authorities, network of schools and the pilot schools will contribute to elaborating, testing and implementing the action plans. They will also conduct capacity-building activities.

As Head of Communication of the project, SiTI is part of the Project Management Team.

- Objectives:**
- Preparing integrated strategy for indoor air quality improvement in the schools of the transnational Program area
  - Setting up and testing action plans for better management and improvement of indoor air quality in the schools
  - Improving capacities of public actors in charge of planning, controlling and managing of educational institutions.

**Methods:** National Action Plans will be elaborated, tested and implemented, striving to raise standards of human health through improvements in the indoor environment. Capacity-building courses will be organised, tailored to the school managers and local/regional school operating bodies for the best implementation of the action plans, while the transnational Environment Quality Forum will provide the follow up of the project results and sustain the co-operation to the potential stakeholders.

- Skills:**
- Project management
  - Transnational cooperation
  - Air quality assessment
  - Communication
  - Computer systems: creation of a database with all data collected.

**Innovative content:** Concerning the indoor air quality in schools, the analysis of indoor pollution in school buildings and the pilot actions to improve indoor air quality represent an innovation aimed at the health protection of school-age population in every city, through low cost and replicable technological and maintenance solutions, which will be suggested by the relevant

stakeholders involved in national and transnational Environment Quality Forums.

**Results:** Shared methodology for the improvement of indoor air quality in schools and for the health protection of school-age population at European Level.