



CO-ORDINATION ACTION  
on Indoor Air Quality and health effects

EnVIE



INSTITUTE FOR ENVIRONMENTAL STUDIES, FACULTY OF SCIENCE, CHARLES  
UNIVERSITY IN PRAGUE

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## ORGANISATION LOGO

YOUR ORGANISATION IN BRIEF (1 slide)



### **Institution type:**

Higher education institution with bachelor (100), masters (60) and PhD (20) programme.

### **Localisation**

Prague 2, Campus of the Faculty of Science, Charles University

### **Size:**

13 permanent staff 3 technicians, librarian, 6 part time extramural teachers  
Air quality lab, Hydrochemistry lab, Limnology field station, GIS lab, Anal. chem. lab

### **Main areas of activities:**

#### *Teaching:*

Full time education of students (no distance learning available)

#### *Research into:*

Water management and pollution

Air quality

Environmental contamination

Applied ecology and nature protection

#### *Work for outside bodies:*

Environmental consultancy and expert work



## ORGANISATION LOGO

YOUR GROUP / TEAM / UNIT  
IN BRIEF (1 slide)



**Present the persons who will be involved in the EnVIE (incl. yourself)**

**Assoc. Prof. Martin Branis, PhD**

**Director of the Institute and member of the „Air quality studies research group“  
(research into indoor and ambient air quality, effect of air quality on health, air  
quality monitoring and management)**

**Cooperation of 1 staff, 1-2 MSc. And 1 PhD student forseen**



## ORGANISATION LOGO

Main activities in the field of indoor air quality (2 slides max)



List the main recent and on-going projects (national, European and international)

### 7 National projects:

Effects of smog episodes on mortality in the Czech Republic (CUP GA)

Air pollution in small settlements (CUP GA)

Elemental analysis of aerosol in the ambient air in small settlements (CUP GA)

Indoor air quality in different indoor environments (MEYS grant)

Air pollution from fireworks (MEYS grant)

Aerosol characteristics in the Prague underground (MEYS grant)

Indoor Air quality in classrooms – aerosol characteristics (MEYS grant)

### 3 EU projects:

PEACE (3rd FP) Effects of short term changes in urban air pollution on the respiratory health of children with chronic respiratory symptoms

URBAN-AEROSOL (5th FP) Characterization of Urban Air Quality Indoor/Outdoor Particulate Matter, Chemical Characteristics and Source-to-Inhaled Dose

PAMCHAR (5th FP) Relationships “Chemical and biological characteristics of ambient air coarse, fine and ultrafine particles for health risk assessment



ORGANISATION  
LOGO

Your contribution to EnVIE (1 slide)



**Describe your contribution to the tasks of work package(s) you are involved in.**

**WP 4: Synthesis of scientific and expert knowledge about indoor air quality and possible ways of its transfer into the political area – a background for science-based policy-making**