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- [Vinča Institute of Nuclear Sciences - VINCA](#)
- [Norwegian Institute of Air Research - NILU](#)
- [Italian National Agency for New Technologies, Energy and Sustainable Economic Development - ENEA](#)
- [Queensland University of Technology - QUT](#)



Vinča

Institute of Nuclear Sciences
University of Belgrade
National Institute of the Republic of Serbia



Italian National Agency for New Technologies,
Energy and Sustainable Economic Development



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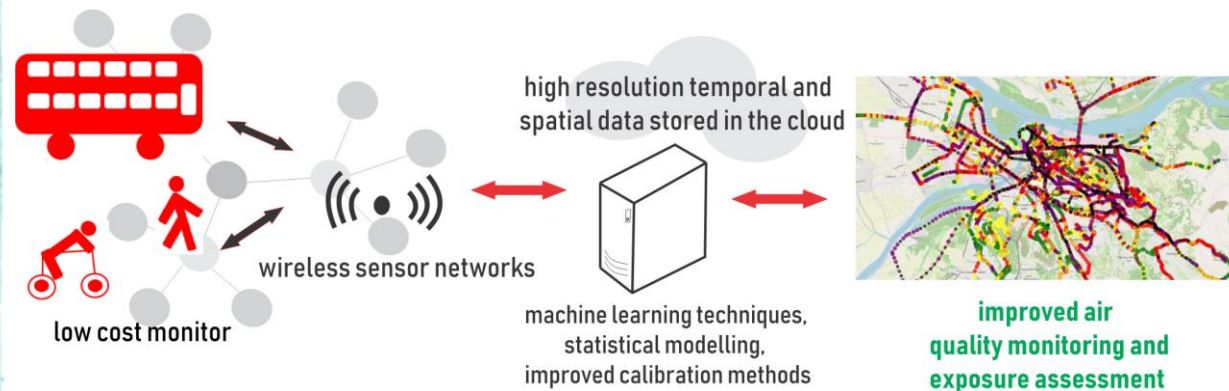


www.vidis-project.org



Virtual centre for Distributed atmospheric Sensing for reduction of pollution pressures

November 2020 – October 2023



European Commission

Research project funded by the European Commission
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OVERALL AIMS

Develop and implement VIDIS as an internationally recognized research and innovation centre that serves as a research hub and support to society on air quality monitoring, assessment and management, enabled by innovative observing technologies.

SPECIFIC OBJECTIVES

- ❖ Develop long-term strategy and recognition for the VIDIS centre,
- ❖ Secure funding for the VIDIS centre, especially for activities in the Widening country,
- ❖ Enhance research and scientific skills of partners and in general by training activities, targeting scientific staff and primarily, early stage and young researchers.
- ❖ Enhance skills in scientific and administrative management, primarily of the Widening country,
- ❖ Enhance the scientific visibility of partners through scientific publishing and dissemination,
- ❖ Enhance societal uptake of the latest research and innovation outcomes by outreach activities targeting civil society and administrations on all levels

TRAINING

Sharing data and practicing data science tools, in part through short courses:

- ❖ Training in research management skills and general skills
- ❖ Organization of summer schools
- ❖ Organization of webinars
- ❖ Producing of video materials

WORKSHOPS

International conference organization, WeBIOPATR series, 8th and 9th.conference , WeBIOPATR2021 and WeBIOPATR2023, „International Workshop and Conference, Particulate Matter: Research and Management,“



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VIDIS`S HIGHLIGHTS

The project is working around providing actionable knowledge for development of health relevant ambient particulate matter monitoring. VIDIS is focused on assessment exposure to outdoor particulate matter on both the population and the individual levels, with special focus on urban areas. The aim to reduce knowledge gaps in the following aspects:

- ❖ Composition of particulate matter in urban areas of Serbia and the Western Balkan countries
- ❖ Monitoring and measurement technologies for improved exposure assessment (using a wide variety of technologies)
- ❖ Health risks quantification from exposure to ambient particulate matter in Western Balkan
- ❖ Development of sensor networks as observing instruments for indoor and outdoor air monitoring, radon monitoring
- ❖ Development of communication infrastructure
- ❖ Development of scientifically based calibration and QA/QC methods
- ❖ Chamber for laboratory testing of PM
- ❖ Development of new public information products including spatial mapping using combined information from various sources
- ❖ Development of methods to support management of air quality and co-benefits between air pollution abatement and climate change mitigation on municipal level.

VIDIS`S STRUCTURE

