

## *I progetti a partecipazione ENEA finanziati dalla UE*

# **AIR-HERITAGE**

Improving the environmental quality of the City of Portici: Monitoring, Modelling, and Mitigating Air Pollution through participated and efficient Policies

### **Dati progetto**

Coordinatore:

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**COMUNE DI PORTICI - Italia**

Responsabile ENEA:

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**DE VITO SAVERIO TERIN-FSD-SAFS**

Sito WEB:

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<https://www.uia-initiative.eu/en/uia-cities/portici>

Descrizione:

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**AIR-HERITAGE** foresees the development of an innovative, pervasive and versatile way of monitoring air quality that is integrated with the ordinary institutional monitoring. Through the modeling of the data collected with respect to the context and the preparation of a decision support tool that can be used by both public administrators and citizens, they will be able to adopt the most appropriate choices and behaviours. Citizens themselves will be able to compete directly in monitoring using portable detectors. Local communities, in a complementary and synergic way, will be sensitized to adopt virtuous behaviour.

**AIR-HERITAGE** aims to obtain a change in the way the components of the City of Portici assess and react to air quality issues, reducing the distances and barriers among them. In particular, **AIR-HERITAGE** success will impact on citizens mobility choices and policy engagement as well as UA policy decision making. Through the new pervasive monitoring stations network, the city AQ measuring, hi-res mapping, and remediation design capability will be established. Through enhanced awareness of personal exposure, **AIR-HERITAGE** will define a new level of social cohesion for fighting environmental threats. Citizenship, Regulatory Monitoring Agencies, Research centers and Economical actors will enhance their support and engagement in AQ knowledge building, Policy making and implementation. As a final result, Air quality will improve in the areas most affected by car traffic. Most of the results will be transferable to cities that are subjected to the same forces at political, environmental, social, technical level.

Attività svolta da ENEA:

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Le attività ENEA riguardano principalmente il monitoraggio diffuso e pervasivo della qualità dell'aria cittadina attuato con l'utilizzo del dispositivo MONICA.

Programma Quadro:

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**Other programmes**

Programma UE:

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**UIA - Urban Innovative Actions**

Tipo di progetto:

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**N/A - Non applicabile**

**Partner del progetto**

	Ruolo	Tipologia	Nome	Nazione
1	---	ENLOC	ARPAC - AGENZIA REGIONALE PROTEZIONE AMBIENTALE CAMPANIA	Italia
2	---	ASSOC	LEGAMBIENTE CAMPANIA	Italia
3	---	EDU	UNIV. NAPOLI FEDERICO II	Italia
4	COORD	ENLOC	COMUNE DI PORTICI	Italia
5	---	RIC	ENEA	Italia

## **Keyword**

Keyword associate al progetto dal database di CORDIS

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**Effects Of Pollutants**

**ENVIRONMENTAL PROTECTION**

**Measurement And Detection Of Pollution**

**REGIONAL DEVELOPMENT**

Altre Keyword non presenti nel database di CORDIS

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**Air pollution**

**Air quality**