

- URBAN GREEN ACUPUNCTURE THE WAY TO ENLARGE GREEN INFRASTRUCTURE IN URBAN AREAS -
- SALUTE4CE FINAL WEBINAR, Katowice, 22 March 2022 SALUTE4CE- project framework, objectives and results
- dr Anna Starzewska-Sikorska | Institute for Ecology of Industrial Areas IETU/POLAND

## SALUTE4CE - GENERAL INFORMATION



Project title: Integrated environmental management of SmALl Green Spots in FUncTional Urban ArEas following the idea of acupuncture Project timing: 1 April 2019 - 31 March 2022 Partners:

IETU - Institute for Ecology of Industrial Areas, PL - Lead Partner

Chorzów City, PL

Silesian Botanical Garden, PL

IOER - Leibniz Institute of Ecological Urban and Regional

Development, DE

Thuringia - ImpulseRegion, DE

LINKS - Leading Innovation and Knowledge for Society, IT

LAMORO - Development Agency, IT

Municipality of Alessandria, IT

IURS - Institute for Sustainable Development of Settlements, CZ City of Liptovsky Mikulas, SK

























## PROJECT RELEVANCE



Project is relevant to European strategic documents such as:

- European Green Deal and EU Climate Action
- the EU Strategy on Green Infrastructure
- EU Biodiversity Strategy
- European Spatial Development Perspective





## SALUTE4CE PROJECT OBJECTIVE



Enhancement of creation of green and blue infrastructure with planting native vegetation in cities lacking large spaces for this function





## PROJECT CONCEPT



Small green interventions in an urban area.

Interventions = nature based solutions (NBS) with application of native species

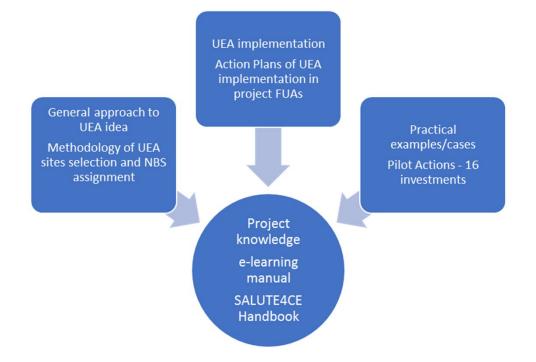






## PROJECT INTERVENTION LOGIC







## CREATION OF UEA SYSTEM



Selection of sites based on necessity and suitability criteria

Assigning of interventions based on suitability and necessity criteria







### SELECTION OF SPOTS AND ASSIGNMENT OF NBS



selection of spots for urban environmental acupuncture

Necessity: – social, environmental, spatial, circular economy, spatial functional diversity

Suitability: technical, spatial connectivity, legal/planning, local community attitude Principles for selection of interventions

suitability: technical, financial, social and practical

Assessment of benefits: air quality, water management, green space management, biodiversity, quality of stay, integration of local community, functional diversity of public spaces



## **ACTION PLANS IN 4 FUAS**



#### General remarks:

- Implementation of UEA idea is shown in Action Plans for 4 functional urban areas: Alessandria, Impulse Region (Jena, Weimar, Erfurt, Apolda), Liptovsky Mikulas and Tri-City in Silesia (Chorzów, Ruda Śląska, Świętochłowice)
- Transnational concept led by IOER has been developed as a common methodological basis for construction of Action Plans regarding local conditions
- 4 Action Plans created for FUAs of different scale and different climate, spatial, environmental and social conditions present possibilities for introducing UEA system in other cities and FUAs





## **PILOT ACTIONS - INVESTMENTS**



4 project cities: Alessandria, Chorzów, Impulse Region and Liptovsky Mikulas, in each city 4 sites have been selected to introduce new small green spots, of size not more than 0,2 ha.

16 investments have been implemented





## PUBLIC CONSULTATION IN CHORZÓW



- Public consultations have taken place in each project FUA following the general concept elaborated by the project communication manager. The consultations were concerning both Action Plans and investments.
- The inhabitants as the most important stakeholders group had an opportunity to propose spots for UEA system in their cities as well as introduce their ideas to the framework of some investments in case of e.g. community gardens or pocket parks.

Photos from public consultation at Armii Krajowej











## PUBLIC EVENT IN CHORZÓW

The city
gained another
public space
which can be
used for
educational
purposes













# WHAT SALUTE4CE DELIVERS TO REGIONS AND CITIES



- Tools for selecting UEA sites and interventions
- List of types of NBS which can be applied in UEA
- Transnational concept of UEA
- Action plans as examples of UEA concept implementation
- Training materials, SALUTE4CE Handbook and e-learning manual
- Concept of regional strategy for environmental management in areas lacking large sites for greenery





## SUSTAINING PROJECT RESULTS



• Representatives of 4 project FUAs have signed Letters of commitment expressing their will for implementation of the project Action Plans, which propose systems of urban environmental acupuncture for each project FUA.

#### Different size of FUAs:

- Polish 3 cities (Chorzów, Ruda Śląska, Świętochłowice)
- Slovak Liptovsky Mikulas and 6 surrounding commuter municipalities (Prosiek, Ľubeľa, Smrečany, Liptovský Ondrej, Uhorská Ves and Závažná Poruba)
- German 4 cities in Impulse Region (Erfurt, Weimar, Jena, Apolda)
- Italian city of Alessandria









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