



- GreenerSites Project
- Alessia Porcu City of Venice

# INTRODUCTION







#### PROJECT MAIN DATA





Duration: 38 months (01.06.2016 – 31.07.2019)

Partners: N. 11, 5 CE

countries

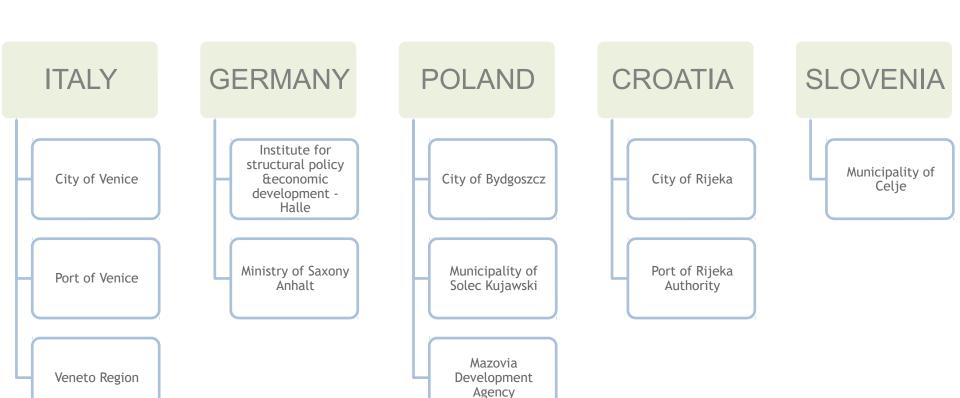
Associated Partners: N. 14, 7 EU countries

Budget: 3,79 M €



## **PARTNERSHIP**







# 11 SITES





## **SOLEC KUJAWSKI**







# CELJE STARA CINKARNA





7

# **VENICE PORTO MARGHERA**







# WHY GreenerSites - Main challenges





impact of brownfields on the economic performance of cities and on citizens' health

Lack of updated **competences & know-how** in the public sector to overcome environmental problems in brownfields

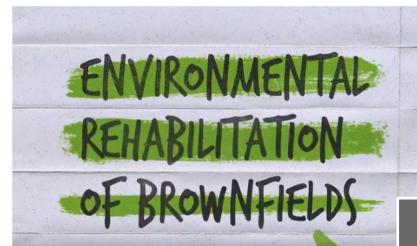
lack of **integrated approaches** to ensure an effective environmental management of brownfields

unachieved **environmental & remediation plans** prepared in recent years



#### PROJECT OBJECTIVE





GreenerSites aims to improve the environmental management of brownfields to make involved Functional Urban Areas (FUA) cleaner, healthier & more liveable places.



## PHASES AND MAIN STEPS





#### **BUILDING KNOWLEDGE**



# 9 Brownfield analyses

the assessment

Environmental status & critical aspects

Socio-economic status

Infrastructure, logistics, legal constraints

the conclusion

Main challenges identified

First indications to brownfield environmental management

- Air quality
- Superficial water and groundwater quality
- Soil quality
- Natural heritage (potential impact on)
- Land consumption in urban areas
- Population (potential impact on)
- Employment situation
- Economic development
- · Production activities
- · Waste water treatment plants
- Waste treatment plants
- Power plants
- Transport connections (roads, railway, airports, ports and harbours)
- Legislation (environmental, urban, public works, etc.) and planning instruments
- Ownership



to manage bronwnfield data



## PHASES AND MAIN STEPS





## **CAPACITY BUILDING**



3 STUDY VISITS

9 LOCAL TRAININGS 2 TRANSNATIONA L SEMINARS

351 PEOPLE
TRAINED –
TECHNICIANS
FROM PUBLIC
INSTITUTIONS



## PHASES AND MAIN STEPS





## **PILOT ACTIONS**



Tools for the management of the brownfield sites

Magdeburg

New monitoring systems for groundwater, soil and air quality

Porto Marghera Solec Kujawski Former Zachem Plant in Bydgoszcz



Strategies for the regeneration of the contaminated sites

Porto Marghera Rijeka Harbour area Radom CHP plant Halle Ammendorf

Testing of innovative remediation methods

Celjie – Old Cinkarna Porto Marghera



## PHASES AND MAIN STEPS

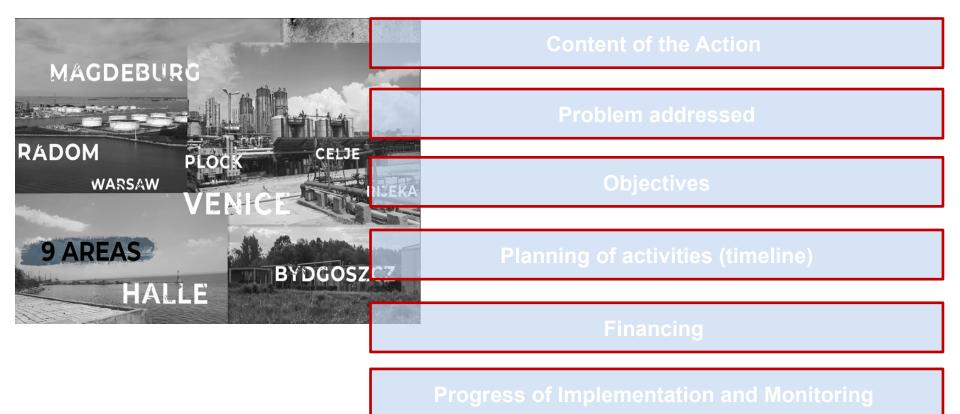




#### PLANNING STRATEGIC ACTIONS



## Strategic Action Plan Structure



TO ENSURE THE SUSTAINABILITY OF THE SOLUTIONS TESTED



## STAKEHOLDER INVOLVEMENT



63 meetings in total

18 meetings during the preliminary analysis of brownfields

27 meetings in the implementation of the pilot actions

18 meetings during the elaboration of the SAPs





## PROMOTING A SHARED GOVERNANCE











Promoting a Memorandum of Understanding to strengthen stakeholders' commitment and ensure continuity to the PA results and the strategic action plans



Greenersites





#### CONCLUSIONS



Shared & enhanced **know-how** on integrated environmental management of brownfields

Reinforced capacities of CE public sector & stakeholders on sustainable brownfield rehabilitation

Boost to a more **effective integrated environmental management** of brownfields in central Europe Functional Urban Areas

Well-defined **sustainability measures & tools** aimed at reinforcing the viability & effectiveness of environmental management strategies



#### **CONTACTS**



#### Thank you for your attention



City of Venice



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