

Bari, Italy, 6th July 2012: Session S13.5 of EUROSIL 2012
– Soil Science for the Benefit of Mankind and Environment



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Tailored Improvement of
Brownfield Regeneration
in Europe

***Tailored Improvement of Brownfield
Regeneration in Europe:
A discussion of state-of-the-art
approaches, technologies and tools, and
comparison with international context***

TIMBRE acknowledges the co-financing from the
European Commission – Seventh Framework Programme Grand agreement number 265364




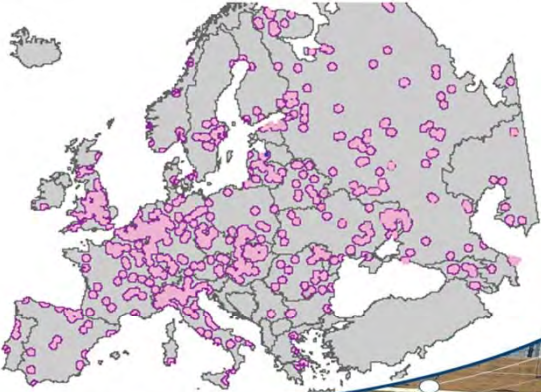
Introduction: Megsites in Europe



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Conservative
Estimates:

- 20.000 Megsites
in Europe
- Remediation
costs:
> 100 Billion €



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What makes a megasite a megasite?

- Multiple sources and plumes
- Multiple remediation options
- Multiple cost-functions and values
- Multiple stakeholder interests
- Multiple supra-regional impacts

→ How to make feasible decisions?

Source: Nicolae Pacurar, PhD – Hunedbara, Romania



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ERBERHARD KARLES UNIVERSITÄT TUBINGEN | URB | ANPM | JENA GEOS | UFC UNIVERSITÉ DE FRANCQUE COMTE | DTU | UNIVERSITÀ CA' FOSCAR VENEZIA Online | HELMHOLTZ ZENTRUM FÜR UMWELTFORSCHUNG UFZ

GeoExperts Dr. Kühne & Partner | Institute of Geonics AS CR, v. v. i. | SolGeo

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timbre project key facts



- EU FP7 Collaborative Project
- Duration: 01/2011 – 06/2014
- 15 Partners & International Advisory Board
- Budget: 4.7 Mio €, EC-Funding: 3.4 Mio €



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timbre project objectives



- Collect, evaluate, classify relevant **information**
- Consolidate and improve “in-situ” or “on-site” **technologies**
- Identify **decision structures** within local cultures
- Develop tools for **prioritisation**
- Develop tools for evaluating and **planning**
- Develop a **web-based information platform**



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Presentations

- ✦ **M. Finkel:** Holistic integrated Decision Support Systems for brownfield revitalization
- ✦ **G. Guanlin:** Some critical issues on risk assessment and remediation of industrial contaminated sites
- ✦ **A. Rein:** Tree coring as a phytoscreening method
- ✦ **M. Ahmend Mohamed:** Soil-washing with reused fluids for in-situ remediation
- ✦ **L. Pizzol:** Timbre Expert System as information platform for innovative and widely applicable strategies, technologies and solutions for brownfield regeneration
- ✦ **A. Bleicher:** Knowledge and decision making in brownfield revitalization: Cross cultural variations within Eastern Europe

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Enjoy the presentations & discuss with us!

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Contact: timbre-info@ufz.de

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