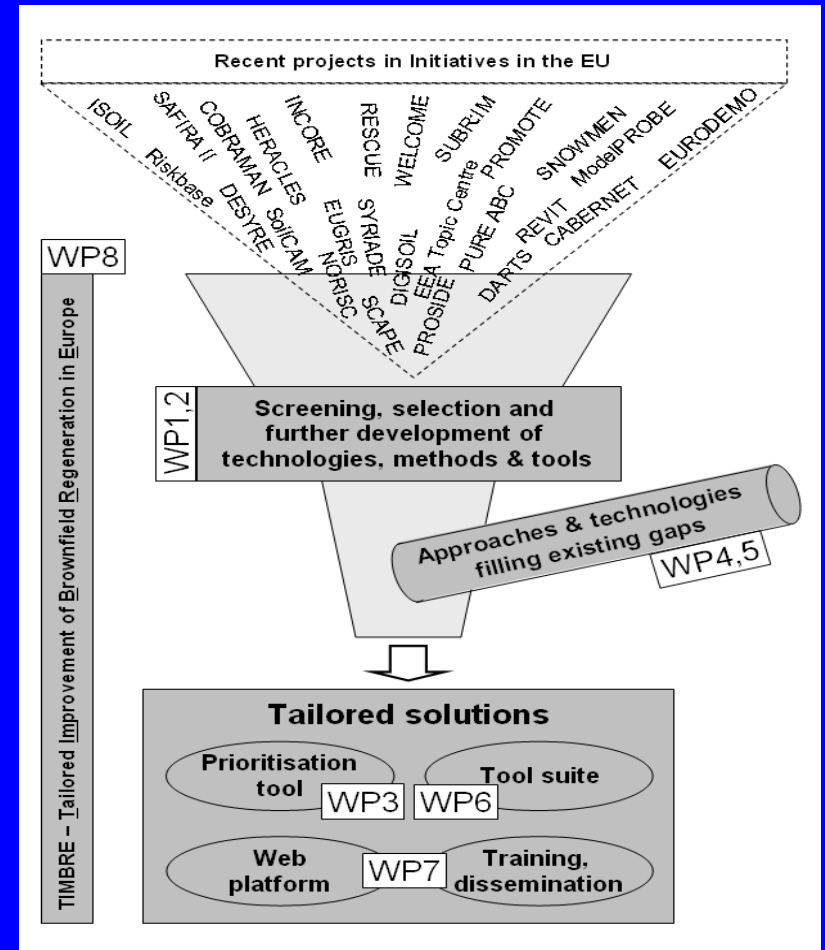


Tailored Improvement of Brownfield Regeneration in Europe

Initial thoughts by
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Questions regarding timbre

- What is your vision on the project?
- Why do you want to join this project?
- Which part of the project do you think is of special interest to you – what is the scientific and market relevance?



Current brownfield interests

- Cultural and Social impacts
- Involving Communities in the decision making processes – investigation, remediation and future use
- Considerable experience in risk perception and case study based research projects
- Specially interested in urban watersides

Changing personal attitudes

- Initial view of land reclamation very much from the redevelopment perspective
- Gradual realisation that brownfield sites can have uses other than new homes and places of employment
- Increasing awareness of the full environmental costs involved
- To greater understanding of the social impacts

Our responsibilities

What I have tried to demonstrate is that all of us, as urban regeneration professionals, whether we are engineers, soil scientists, ecologists, town planners, surveyors etc. have the responsibility of influencing the ways in which land that is presently contaminated or derelict is used for generations to come. Our actions now will impact upon communities present and future.

The three ‘R’s’

- *Reclamation* - have we selected the best and most sustainable methods?
- *Redevelopment* - is the form and mix of development, including public realm, the one most suitable for the site?
- *Reuse* - would other ‘soft’ or natural uses be more appropriate?

Recommendations

- Emphasize release based judgment as opposed to content based judgment for management choices and environmental impact from contaminated sites!!!!
- Contaminated soils are different depending on the nature of the contamination source, but within sites with a similar type of input should be quite comparable and bringing together information pertaining to specific contamination sites makes sense
- For several types of contaminated soil already full characterisation leaching data available, including construction and demolition debris
- Carry out leaching characterisation on composite samples from a site and some spatial distributed samples by a single step test allows to assess the nature of release controlling factors for the key contaminants of the site
- Develop benchmark characterisation data for contaminated soils from specific contamination sources - LeachXS Lite (free) can provide such option as the database structure is designed to handle content and leachability data.

TIMBRE

- **Basic needs:**
 - Be in compliance with all regulations (Env., Land planning, cultural heritage ...)
 - Make the solution as sustainable as possible
- **Collaboration / Cooperation with HOMBRE**
 - Common reference databases
 - Common criteria for better decision making Complementary case studies
- **Tool box:**
 - Keep it simple, flexible and reliable (expertise role)
 - Take into consideration aftercare / long term issues
- **Involvement of Stakeholders**