



timbre

Tailored Improvement of
Brownfield Regeneration
in Europe

Identification of Relevant Stakeholders on Test Sites and List of Requirements

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1. Introduction

The TIMBRE project shall overcome existing barriers to brownfield regeneration by developing and providing customised problem- and target-oriented packages of approaches, technologies and tools. As a unique asset, these packages shall deliberately include the cultural and administrative characteristics and their regionally distinctive features. By providing a customisable toolbox specifically addressing the diverse processes that have to be dealt with during the course of a regeneration project, end-users shall be enabled to find best practice based solutions. Improvement of existing means to support brownfield regeneration shall be further accomplished by filling methodological core topics such as intelligent remediation in terms of technological advancements with regard to phytoremediation and partial source removal technologies. The project shall deliver a tailored training and dissemination programme as part of an information centre that will transfer existing and emerging knowledge to the scientific community and to end-users.

The objective of **Work Package (WP) 2** consists in the investigation of the administrative possibilities and of site specific attitudes of stakeholders. The findings of WP2 will be used as bottom-up information for the activities of WP3 and WP6. Given that the aim of this report is to develop a list of requirements and of relevant stakeholders for further use by Work Package 6, it will take the form of a response to specific information requests made by WP6.

2. Information Requests formulated by WP6

2.1 Identifying Power Users, End Users and Visitors at the Timbre Sites: Concrete Suggestions

The objective is to provide a recommendation (both in general and specifically for each TIMBRE model site) from WP2 on which (types of) actors could act as "power user", as "end user" and as "visitor", according to the definition of these roles given below. In this context, actors refer to individual persons, and not to institutions. For the present purpose, the categories of actors defined within the WP2 deliverable D2.1 – primary actors, secondary actors and veto players – will inform the identification of the decision support system (DSS) users. As the identification is based on the interviews carried out by WP2, the ideas and requirements of local stakeholders are taken into account in the definition process. This represents bottom-up information for WP6 and, for this reason, it was included in MS21.

For the application of the DSS that will be developed in the WP6 web tool, WP6 distinguishes between 'power users', 'DSS users', and 'visitors'. These categories are taken from the IT literature on types of software users. As is explained below in more detail, *power users* have full user rights, *DSS users* are end users with limited editing rights, and *visitors* are users

with restricted access, who are only allowed to view information. The difference between these user groups is made with regard to the access they will have to a specific land use planning project that is evaluated using the DSS web tool. The definition of these users takes into account the diversity of stakeholders that may be involved in brownfield revitalisation projects and their ability to use a DSS. The ability is influenced by the expertise of the actors in BF-revitalization as well as by their position in the decision making process. The types of users are defined as follows:

1. The **power user** is the expert in brownfield regeneration. The power user can define, create and delete projects¹ (referring to individual sites the revitalisation of which shall be supported by the web tool). The power user can define, create, and delete the end users (experts or non-experts) who have access to the project. A person who wants to get a power user, will have to ask the administrator of the web application via a registration form. Additionally, the power user can assign end users, which are involved in the project's data preparation, the role of power users for a project, if needed. Further involvement of experts may be required for interpretation or conversion of data to get it prepared for the web tool application, etc.
2. It is planned that some part of each project can be explored (viewed) also by '**visitors**' of the web page. Whether they have to register for access or not as well as their specific "rights" are still to be defined.
3. To become an **end user** (and be allowed to modify or create new re-use scenarios) will require a registration of request (via a respective web form). The end user can create, modify or delete scenarios only created by him or her. The end user can see and utilize other scenarios created by other users.

The relationship between the actor categories and the user categories is the following. The primary actor(s) can designate one or several of its/their representatives or an external expert as power users of the web tool. In most instances, these power users will need support and data supply from individual 'experts' and 'knowledge carriers', which can be the representatives of secondary actors or perhaps of veto players². In particular, before project creation/data upload, i.e. in the preparatory phase, the power user will have to collect information and necessary data sets from experts and site (or site's surrounding) knowledge carriers (e.g. answering of 'sustainability potential indicator set' used in the web tool by experts or other stakeholder). Depending on the needs of the designated power users, they can appoint additional power users from among the representatives of the secondary actors and of veto players. Other representatives of these categories of actors can act as end users, who can explore reuse options independently of the power users, or simply be visitors of the projects developed by the other users.

¹ For the definitions of „project“, „scenario“ etc. please review the WP6 document TIMBRE web-based planning and assessment tool: GUI, functionalities and underlying actions, 2nd draft" (August 21, 2012)

² The way in which the individual representatives of the primary or secondary actors or of the veto players are to be selected – in case these actors are institutions – depends on their internal decisions.

Recommendations of WP2 on categories of users of the WP6 web-based tool at the Szprotawa and Hunedoara Timbre sites

Szprotawa, Poland

In the deliverable D2.1 “Report on Regional Decision Structures and Key Actors” (downloadable from TIMBRE website www.timbre-project.eu), the municipality of Szprotawa is described as not having the full characteristics of a primary actor. However, given its close cooperation with Timbre, the municipality may evolve into a primary actor in the near future, an actor which is engaged in the regeneration of the Szprotawa site on a full-time basis. Under such circumstances, the Szprotawa municipality should be the actor who initiates the use of the DSS for the site in Szprotawa. This institutional actor should define the **power user(s)** of the project. The power user could be an employer of the local administration or an external expert contracted for this purpose. Of course, the municipality needs the support and data provided by experts concerned with the site, both local and external. The local experts whose involvement is highly desirable are, at least, the representatives of the “Lower Silesia Deep Woods Appreciation Society” and of the Association for Nature “Wolf”. The external expert whose input would also be useful is the representative of the department of investments of the Wałbrzych Special Economic Zone. However, other experts, such as the Polish Agency for Information and Promotion of Foreign Investments, could contribute their knowledge on the marketability of the site. Some of these actors could be given the status of **power users** and others the status of **end users** (on request). The latter would be allowed to create new scenarios on their own, independently from those created by the power users. In this way, these experts (especially the local ones) would not be relegated to a marginal role of information providers but would be actively involved in exploring the different options and scenarios for the Szprotawa site.

We recommend that the projects developed by the municipality to be **defined as public** by the power user(s) in order to be visualized by any **visitor** of the web page. All local stakeholders from Szprotawa could then be informed that they can **visit the projects** proposed by the power users designated by the municipality and by other end users. If possible, guidance on how to visit the web tool could be offered at several information points in Szprotawa, such as at the town hall and at the local library.

Hunedoara, Romania

As the formal representative of the Hunedoara community in matters related to the site of the former Siderurgica plant, Ecosid SRL is in charge of cleaning-up and revitalizing the 138 ha site. Ecosid is a company set up specifically to manage the clean-up and it is owned to 99,99% by the Hunedoara local council. In practical terms, its leadership is appointed by the mayor of Hunedoara. Given that Ecosid also concentrates at least part of the local expertise, we recommend it as the most suitable to define **power user(s) from their own ranks**. Of course, the expertise on the revitalisation of the Hunedoara site does not reside only within Ecosid. In Hunedoara, there is a heterogeneous group of institutions and individual experts, even if there are no local non-governmental organisations comparable to those in Szprotawa. Additional power users can be designated from within the city hall (e.g. representatives of the urbanism and land use management office or of the European projects office or municipal councilors). The status of **end users**, who are allowed to create their own scenarios could be conferred to a selected group of local experts or stakeholders, including former directors and engineers, who had been employed with the Siderurgica plant, professors from the Engineering Faculty in Hunedoara, other municipal councilors, representatives of ArcelorMittal and representatives of LEPA (local environmental protection agency in Deva). The list of these end users could be developed following the recommendations of Ecosid. From the national level, experts familiar with the Ecosid site from the Ministry of Regional Development and Tourism, the Ministry of the Environment and Forests and the National Environmental Protection Agency should also be invited as end users.

As in the case of the Szprotawa municipality, the Ecosid's web-tool project of the site should be viewable by all interested stakeholders from Hunedoara or beyond in their role as **visitors**. The availability of the web tool should thus be advertised on the website of Ecosid and on that of the Hunedoara municipality. It is desirable that guidance on how to visit the web tool should be offered at several information points in Hunedoara, especially at the town hall, the Engineering Faculty in Hunedoara and the municipal library.

2.2 Suggestions for Involving Stakeholders in the Use of WP6 Tools

The second request specifies that the WP6 tool intends to facilitate the communication and mutual work of relevant actors on planning/envisioning re-use options. WP6 would appreciate recommendations (both in general and specifically for each TIMBRE model site) from WP2 on:

(I) How should discussion groups / round tables be assembled, i.e. which of the (types of) actors should be involved in the mutual work on planning/envisioning?

(II) How are the various actors best to be involved? (e.g. "Do we need a step-wise approach with (as 1st step) smaller groups consisting of solely experts to prepare plans/information which will then be discussed (as 2nd step) in a larger group of actors or shall all actors involved in all discussions from the beginning?").

Recommendations of WP2 on Involving Actors

The general recommended framework for involving actors on planning/envisioning re-use options includes:

- One **initial training event**, which aims to familiarize all stakeholders/actors with the MMT tool's intended capabilities and to get input from stakeholders regarding their expectations and relevant aspects of future use of the site (e.g. following the model currently developed for the Szprotawa event in March 2013).
- One **expert workshop**, in which power users and end users would begin the discussion of the tool and of its application to their site. This would be moderated by a WP6 partner and a translator. The aim is to explore the settings and first results of the tool and its specific modules related to the future use scenarios (module-specific groups of experts might be formed).
- One **concluding workshop** in which the participants discuss the results of the re-use scenarios.

Specific recommendations for involving actors at the Szprotawa and Hunedoara sites can be found below. These are based on the document "TIMBRE web-based planning and assessment tool: GUI, functionalities and underlying actions, 2nd draft" (August 21, 2012). The **power users** are to be designated by the municipality in Szprotawa and by Ecosid in Hunedoara. Below is a proposal on which actors should play the roles of power users and end users for each site and each WP6 module (see table 1).

WP6 modules	<u>Power users</u> and end users³ to be identified from among the representatives of...	
	Szprotawa, Poland	Hunedoara, Romania
Remediation needs and costs module	<ul style="list-style-type: none"> - <u>Municipality</u> (Department of Economy, Agriculture and Environmental Protection) - Lower Silesia Deep Woods Appreciation Society - Association for Nature "Wolf" - Local councilors 	<ul style="list-style-type: none"> - <u>Ecosid</u> - <u>European projects office of the city hall</u> - Nicolae Pacurar (engineer) - Representative of LEPA (Deva) - Local councilors
Market value module	<ul style="list-style-type: none"> - <u>Municipality</u> (Department of Investments and Development) - Wałbrzych Special Economic Zone - Polish Agency for Information and Promotion of Foreign Investments 	<ul style="list-style-type: none"> - <u>Ecosid</u> - Investment office of the city hall - Local councilor(s) - Arcelor Mittal representative - Representative of the Ministry of Regional Development (POR – Regional Operational Program)
Energy Crop Plantation Potential Module	<ul style="list-style-type: none"> - <u>Municipality</u> (Department of Economy, Agriculture and Environmental Protection and Department of Investments and Development) - Lower Silesia Deep Woods Appreciation Society - Association for Nature "Wolf" - Local councilors 	<ul style="list-style-type: none"> - <u>Ecosid</u> - Nicolae Pacurar (engineer) - Representative of Ministry of Environment and Forests - Local councilors
Risk assessment module	<ul style="list-style-type: none"> - <u>Municipality</u> (Department of Economy, Agriculture and Environmental Protection) - Lower Silesia Deep Woods Appreciation Society - Association for Nature "Wolf" 	<ul style="list-style-type: none"> - <u>Ecosid</u> - Nicolae Pacurar (engineer) - Representative of NEPA - Representative of LEPA (Deva) - Representative of Ministry of Environment and Forests
Sustainability assessment module	<ul style="list-style-type: none"> - <u>Municipality</u> (Department of Economy, Agriculture and Environmental Protection) - Lower Silesia Deep Woods Appreciation Society - Association for Nature "Wolf" 	<ul style="list-style-type: none"> - <u>Ecosid</u> - Local councilors - Representative of LEPA

Table 1. Proposed designation of concrete power users and end users at the Szprotawa and Hunedoara sites within the Timbre project.

³ For most of these actors, WP2 could provide concrete names of persons which can be approached for involvement in the planning/envisioning activities.

Annex: **Contributors to the Report and Disclaimer**

Contributors

This report is the result of discussions between all partners of the TIMBRE Work Package 2, members of Work Package 6 and the TIMBRE coordinator. It has been edited by Filip Alexandrescu and Alena Bleicher (UFZ), Michael Finkel and Max Morio (TUB).

Disclaimer

This document is aimed at assisting brownfield regeneration stakeholders. It is provided for information purposes only and its contents are not intended to replace consultation of any applicable legal sources or the necessary advice of a legal expert, where appropriate.

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