

TEMPLATE

Output factsheet: Tools

Version 1

Project index number and acronym	CE897 MaGICLandscapes
Lead partner	Technische Universität Dresden
Output number and title	O.T1.3 Regional maps of green infrastructure for each of the participating regions
Responsible partner (PP name and number)	Leibniz Institute of Ecological Urban and Regional Development PP5
Project website	https://www.interreg-central.eu/Content.Node/MaGICLandscapes.html
Delivery date	

Summary description of the key features of the tool (developed and/or implemented)

The regional GI maps developed in Activity A.T1.2 illustrate the types and structure of green infrastructure at the regional level and where applicable in inter-regional cross-border landscapes. They are based on the transnational map of GI (D.T1.2.4), for which the European CORINE land cover (CLC) dataset has been used, and were refined on national/regional level using available detailed data (e.g. biotope or land use maps). Compared to the transnational map of GI the regional maps usually have a better spatial resolution and accuracy. Furthermore, the used national/regional datasets provided information on regional characteristics, for example on specific biotope types not common to other countries/regions and therefore not represented in the transnational classification scheme. The coordinated GI classification scheme for this regional maps is based on CLC, but often refined due to the regional particularities.

The maps will be published at the MaGICLandscapes website and freely available to all stakeholders. They should form the basis for regional green infrastructure intervention and plan/policy development within the project and beyond.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

The regional maps of GI have been developed for (parts of) the following NUTS regions of level 3: AT124 Waldviertel, AT125 Weinviertel, CZ042 Ústecký kraj, CZ051 Liberecký kraj, CZ052 Královéhradecký kraj, CZ064 Jihomoravský kraj, DED2D Görlitz, DED53 Nordsachsen, DEE05 Anhalt-Bitterfeld, DEE0E Wittenberg, ITC11 Torino, ITC12 Vercelli, ITC18 Alessandria, ITC48 Pavia, PL515 Jeleniogórski
They should be implemented in these regions, but can be also developed for further NUTS regions of the CE Programme area and other parts of Europe by using the Manual of Transnational GI Assessment (O.T1.2)

Expected impact and benefits of the tool for the concerned territories and target groups

The maps provide a useful tool to inform the following target groups about the status of GI in their region:

- the public, to raise awareness of GI and its benefits to humans,
- the policy decision-makers, to take measures to protect and to enhance the GI Network and
- the planning sector, to implement measures.

The availability of these maps in combination with the Manual of Transnational GI Assessment (O.T1.2) will enable other stakeholders to prepare similar maps and implement them in their region. GI maps produced in this manner can be a very helpful basis for further analysis like on the provision of ecosystem services, biotope connectivity and functionality etc.

Sustainability of the tool and its transferability to other territories and stakeholders

The maps will be available to a wide public, to use them for further implementation especially in spatial planning. Since the mapping methodology is provided in addition and only freely available or low cost data is used, the obstacles for transferring the regional GI mapping to other territories and stakeholders are minimal. This is especially true for other regions within Europe since the datasets used are available in similar form for all European countries, comparable data is also available beyond Europe. Thus, by design the data and methods used to produce these regional GI maps are transferable to a large extent. With basic knowledge on GIS-software different stakeholders will be able to use this tool and to apply the methods described.

Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The conducted regional GI maps show that it is possible to prepare such maps in a comparable layout for the participating Central European regions. Despite regional differences the project team found ways to implement a coordinated approach in all case study areas using regional GI data.
The transnational cooperation enabled us to perform a coordinated mapping using the same database in transnational level and similar data on regional level for all case study areas including the same legend and colour scheme. Although some regional specifics, the results are comparable across Central Europe to a large extent.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverable D.T1.2.1 “Transnational remote-sensing GI assessment”

Deliverable D.T1.2.2 “Feed-back report on ground-truthing/calibration in partner case study areas (issues, success etc.)”

Deliverable D.T1.2.3 “Deliverable title Workshop to discuss results of ground-truthing and finalise structure of assessment”

Deliverable D.T1.2.4 “Deliverable title Digital Map of GI at Transnational scale for all regions”

Deliverable D.T1.2.5/output O.T1.2 “Manual of Transnational GI Assessment - Decision Support Tool (In English)”