

Delft University of Technology

REPAIR: REsource Management in Peri-urban AReas: Going Beyond Urban Metabolism D8.5 Project website

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DOI 10.4233/uuid:f15c98cd-bb68-46f0-bc53-8a98374b6024

Publication date 2017 **Document Version**

Final published version

Citation (APA)

Cerić, D., & Wandl, A. (2017). REPAIR: REsource Management in Peri-urban AReas: Going Beyond Urban Metabolism: D8.5 Project website. Delft University of Technology. https://doi.org/10.4233/uuid:f15c98cdbb68-46f0-bc53-8a98374b6024

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REPAiR

REsource Management in Peri-urban AReas: Going Beyond Urban Metabolism

D8.5 Project website

Version 1.2

Author: Denis Cerić (IGiPZ)

Grant Agreement No.:	688920
Programme call:	H2020-WASTE-2015-two-stage
Type of action:	RIA - Research & Innovation Action
Project Start Date:	01-09-2016
Duration:	48 months
Deliverable Lead Beneficiary:	TUD
Dissemination Level:	со
Contact of responsible author:	d.ceric@twarda.pan.pl

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 688920.

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Dissemination level:

• PU = Public

• CO = Confidential, only for members of the consortium (including the Commission Services)



Change control

VERSION	DATE	AUTHOR	ORGANISATION	DESCRIPTION / COMMENTS
1.0	20- 02- 2017	DENIS CERIĆ	IGIPZ	First Draft Version
1.1	24- 02- 2017	DENIS CERIĆ	IGiPZ	Implemented comments by IGiPZ. Document formatted as the final version of D8.5 for submission.
1.2	27- 02- 2017	DENIS CERIĆ	IGiPZ	Additional information added to 3 on Website structure and appearance (print screens). D8.5 Final sent out to the consortium.

Acronyms and Abbreviations

DEM	Dissemination and Exploitation Manager
EU	European Union
ICT	information and communications technology
IGiPZ	Institut of Geography and Spatial Organization
PULL	Peri-Urban Living Labs
SP	SharePoint
TUD	Delft University of Technology
UNINA	University of Naples Federico II
WP	Work Package

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Publishable Summary

This report describes the design of the REPAiR website: <u>www.h2020repair.eu</u>.

The website is above all intended to provide a principal channel for dissemination and exploitation thus tailored for the purpose of external communication. The project website contains principal information about the project, its objectives, publishable results, list of partners and events, and copies of public deliverables and any documents that are declared as public by the consortium. Website contains subscription for newsletter as well as links to REPAiR's profile on easily accessible commonly known and recognised social networking sites: Facebook, Twitter, LinkedIn, Google+, Research Gate and Academia.edu).

The website is set up and administered by the IGiPZ.

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1. Development of the website in brief

The project public website is developed by the coordinator IGiPZ. The project team at IGiPZ includes the following persons:

Denis Cerić, website administrator

Konrad Czapiewski

Michał Konopski

A brief history of the development of the website:

- During the submission of the project the consortium partner IGiPZ is appointed for project dissemination activities, including the REPAiR's website management and maintenance.
- In September 2016, during project's PULL and WP meeting in Ghent, it is decided that website should be user-friendly with easy navigation contents, informative and a central place for dissemination of the project and its results. After the meeting the sitemap is created by DEM Denis Cerić, send for feedback to consortium members and afterwards upgraded with the comments.
- In October 2016, Alexander Wandl, project coordinator, asked TUD's ICT department to register the domain for REPAiR project, and soon after the domain <u>www.h2020repair.eu</u> is registered and paid for one year in advance.
- At the end of October 2016 draft version of the website is prepared and published by Alexander Wandl, project coordinator.
- At the end of October 2016, during project's kick-off meeting, it is concluded that all scientific consortium members will participate in financing professional development of the website, while IGiPZ will be coordinating its development.
- During December 2016 and January 2017 inquiries has been made by IGiPZ in order to find the website developer. Meanwhile, Denis Cerić, Michał Konopski and Konrad Czapiewski were preparing contents for the website.
- In February 2017 website developer prepared the website to be transferred to the project's domain and after the cession agreement between TUD (the first owner of the domain) and IGiPZ (new owner) has been signed, the web is created and presented to the consortium members for review. Some requests and changes were implemented in February 2017, but since website is a "living being" of the project, further members' suggestions will be implemented in the website in the future as well.
- On 28 February 2017, the website was officially made available online.

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2. Website design considerations

The REPAiR's corporate identity, including all kind of layout designs used in website development, is accomplished by UNINA team: Libera Amenta and Anna Attademo (D 8.1 Corporate Identity).

The following considerations played a role in the development of the website:

- The template design should give a clear and professional impression.
- The website is primarily to be used as a tool for informing the public on the existence of and progress made in the REPAiR project. Hence, a clear and simple navigation structure was to be implemented. Specifically:
 - The logo, project's acronym, name and main website navigation structure is always shown on the top of the webpage, which remains unchanged no matter on which page or which part of the page one is (this part is frozen).
 - The submenus (sub-navigations) are always shown on the left of the homepage, except on homepage.
 - The logo and the project's acronym and a full name always appear on the upper-left corner. It is clickable, leading to the website homepage.
 - The bottom of every page consists of the searching engine for the website, sitemap, subscription for project's newsletter section, as well as links to REPAiR's profiles on following social networking sites: Facebook, Twitter, LinkedIn, Google+, Research Gate and Academia.edu). The bottom also contains disclaimer, information on funding from the European Union's Horizon 2020 research and innovation programme and EU flag.
- Consortium confidential information is not shared through the public website. Instead, there is a password-protected SP run by TUD and the website main navigation structure contains ling to login to the SP.
- The website was registered under the .eu domain. The official website address is: <u>www.h2020repair.eu</u>
- Content management is to be executed by the consortium member IGiPZ.

The content of the website is provided by IGiPZ (coordinator) and the consortium members, and will be updated regularly. Meetings and email communication will be used to bring the website under attention of the consortium, and to ask for (additional) inputs for the content.

3. Website structure and appearance

The website has the following structure:

- homepage
 - central part: REPAiR project in brief in central part including picture
 - right side: news feed (list of news links with picture)
 - o top:

- logo, project's acronym and full name
 - main navigation menu:
 - homepage
 - about
 - o objectives
 - o concepts
 - o methodology
 - \circ ambition
 - o innovation potential
 - o impact
 - o stakeholders
 - o relation to the WP
 - o consortium
 - organizational structure
 - o contacts
 - news
 - o news & events
 - events calendar
 - o newsletters
 - o press releases
 - case studies
 - PULL Amsterdam (NL)
 - PULL Ghent (BE)
 - PULL Hamburg-Altona & County of Pinneberg (D)
 - o PULL Łódź (PL)
 - PULL Naples (I)
 - o PULL Pécs (HU)
 - results
 - o project reports
 - knowledge transfer handbook
 - o scientific papers
 - o other
 - geoDesign
 - GDSE manual
 - o GDSE download
 - links

login

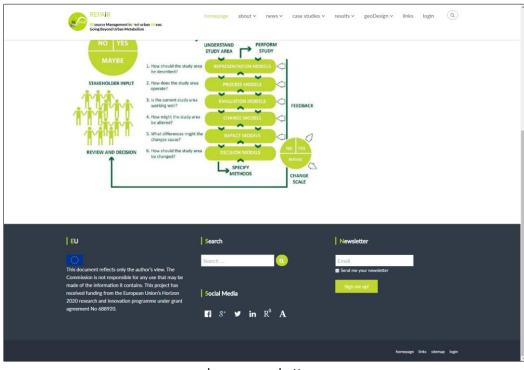
- \circ bottom:
 - disclaimer and information on funding from the European Union's Horizon 2020 research and innovation programme together with EU flag
 - searching engine for the website
 - links to REPAiR's profiles on: Facebook, Twitter, LinkedIn, Google+, Research Gate and Academia.edu)
 - subscription for project's newsletter section
 - sitemap

Pictures showing choice of print screens of the website (taken on 24 February 2017):

REPAIR Is cource Management in 1 eri Going Beyond Urban Metaboli	urban Alleas:	<mark>iepage</mark> about∽ news	↓ × case studies ×	results ∽ geoDesign ∽	links login (Q)	
RE PAIR RI	EPAIR source Managen bing Beyond Urba		an <mark>AR</mark> eas:	News REPAIR Consortium Kick- off Meeting, Amsterdam, November 3 and 4, 2016	read more	
REPAIR project in bri The core objective of REPAIR is open source geodesign decision metropolitan areas. The GOSE a strategies aiming at a quantitath strategies will promote the use Commission towards establishin	to provide local and regional auti support environment (GDSE) de lows creating integrated, place-t e reduction of waste flows in th f waste as a resource, thus supp	veloped and implemented in based eco-innovative spatial e strategic interface of peri-	living labs in six development urban areas. These			
NO YES MAYBE	STU	GEODESIGN TEAM VERSTAND DV AREA ERFORM STUDY REPRESENTATION MODELS	4			
	How does the study area operate? Is is the current study area working weil? How might the study area be altered? S. What cliffereness might the changes cause? G. How should the study area be changes.	PROCESS MODELS EVALUATION MODELS CHANGE MODELS IMPACT MODELS DECISION MODELS	FEEDBACK			

homepage – top and central part

10



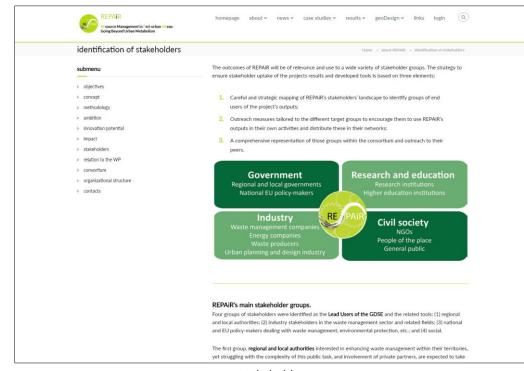
homepage – bottom

REPAIR RESource Management in Veri-urban /Veas: Going Beyond Urban Metabolism	homepage about v news v. case studies v results v geoDesign v links login (0)
about REPAiR	Home > about REPAIR
submenu a objectives a concept a methodology a ambition a innovation potential a innovation potential a stakeholders a relation to the WP concortium a organizational structure a contacts	In the European Union (EU), 16 tonnes of material are used per person per year. The inflows that stay in urban areas become part of the urban ecosystem in the form of landfils, wastewater treatment plants, and physical infrastructure, while the outflows of urban spaces are exported back to the hinterlands and distant localities as politicants and consumer products. Research in industrial ecology and related fields have framed these material and energy inflows and outflows as a city's 'urban metabolism' (UM). In the EU, out of these 16 tonnes, 6 tonnes become waste (EC, 2010). This waste production indicates the limited ability to use resources difficiently both in their transformation into consumer goods and waste's transformation back into valuable resources. Moreover, waste production results in competition for water and land use, increasing risks of adverse environmental effects such as climate change and ecosystem toxicity, and finally reduces quality of life. About d0 percent of the land used to meet the EU's consumption demand is located outside its territory. Europe it hus the continent most dependent on land and resources beyond its borders to sustain its consumption patterns, agricultural industry, and energy demands (Umu6ilig et al., 2015). Transitioning towards a more circular economy is circula to doily be resource difficiency agand a estabilied under the <i>EUCommission's</i> Directives on Waste (2009/99/EC). Packaging, Landfill, and other wastes had foresen concrete goals for the recycling and preparing for re-use of municipal waste, as well as a variety of other waste fractions, and moreover the phasing out of landfills. REPARI develops, in this phase of reshaping policies towards a CE, the possibility for public and private local actors to simulate and assess projects, policies and spatial plans towards a more circular economy stakeholders need a collaborative and secessing their impacts on environment lessing, different waste and resource management potions and assessing their impacts on environment
	REPAIR focuses on peri-urban areas, landscapes characterised by a patchwork of dispersed urbanised areas,

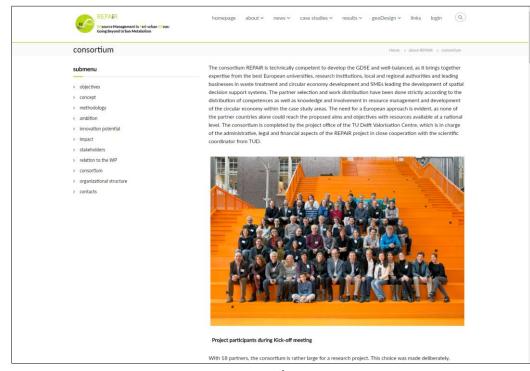
about

project methodology	Home - 3: about REFNAR: - 5: project methodology.
submenu	REPAIR follows in its structure the six questions and models of the geodesign framework and is organised in two
> objectives	levels (Figure 1). WPs 3 to 6 develop the six models of the geodesign framework for each study area, whereas WPs 1, 2, 7 and 8 manage different aspects across the cases and coordinate activities related to knowledge
> concept	dissemination and data management.
> methodology	WP 1 Project Management
> ambition	WP 2 Developing and Implementing a Geo-design Decision Support Environment
 innovation potential 	WP3 [Developing and WP6] Developing and implementing Decision Models
> impact	Implementing Territorial What is important for Metabolism Based Universitient International State State State State
> stakeholders	Representation and Internet find them How should the study area be changed
relation to the WP	Colditivits
> consortium	Apred
 organizational structure 	Alternative Strategy
> contacts	How must be induced on a rule of the second of the se
	WP 7 Knowledge Transfer Between Cases
	WP 8 Dissemination and Exploitation
	Figure 1: REPAIR WP-structure. The empty parallellograms represent alternative spatial representations of proposed eco-innovative solutions. The bar diagram symbolises the levels of importance for specific stakeholder groups.
	REPAiR's approach to developing strategies that strengthen CE builds on the collaboration of several expert
	teams from industrial ecology, economy, spatial planning, environmental policies and other relevant fields and
	stakeholders from particular regions. This approach calls for a methodology facilitating regular inter-team

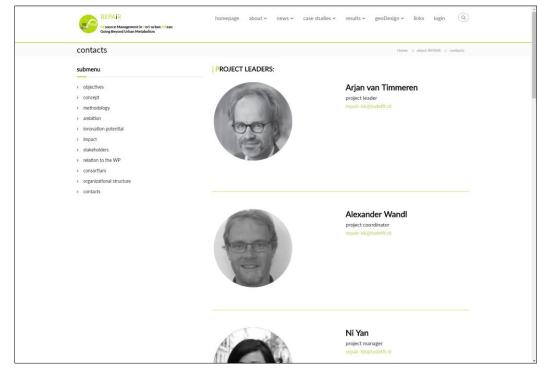
methodology



stakeholders



consortium



contacts

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27/02/2017

D8.5 Project website

REPAIR "Issuere Management in "ref-urban // eas: Coing Beyond Urban Metabolism	homepage about • news • case studies •	results~ geoDesign~ links login (Q)
what's new		Home > what's new
submenu news & events events calendar newsletters press releases	REPAIR Consortium Kick-off Meeting, Amsterdam, November 3 and 4, 2016	read more
EU This document reflects only the author's view. The Commission is not responsible for any use that may be made of the information to incontains. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 688920.	Search Search (0) Social Media Fig. 8 ⁺ Im. R ⁶ A	Newsletter Email Send me your newsletter Sign me upt
		homepage links sitemap login
	news	

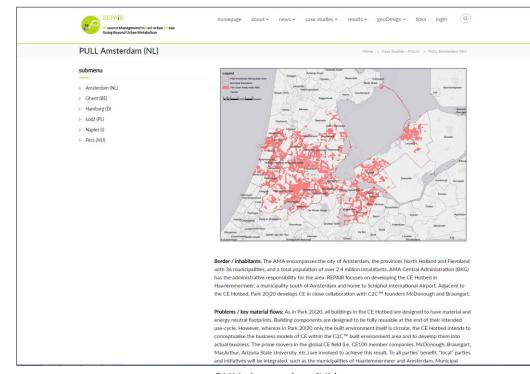
	Coing Beyond Urban Metabolism				
events calendar				Home > what's new	> events calendar
submenu	Date	Annonced by partner		Organizing Institution	Location
news & events events calendar newsletters press releases	26- 27.09. 2016	TUD	Circular Citles Int. Seminar, https://www.bartlett.ucl.ac.uk/planning/events/c ircular_citles_workshop	The Urban Innovation Center at The Bartlett - UCL	London, UK
S broat locarda	26.09. 2016- 10.03. 2017	UNINA	LABORATORIO/ Progetto urbanistico prof. Michelangelo Russo (3rd year of UPTA Course)	UNINA	UNINA, Naples, Italy
	26.09- 21.12. 2016	UNINA	LABORATORIO di urbanistica prof. Michelangelo Russo (2nd year of MAPA Course)	UNINA	UNINA, Naples, Italy
	30.09. 2016	UGent	PULL workshop: Ghent	UGent	Ghent, Zuid Ghent, Coupure, Belgium
	09. 2016	OVAM	bi-monthly Newsletter of the Flemish Materials Programme	OVAM	Internet
	mid 10. 2016	RKI	Workshop with HU User Board members	RKI	Pécs, Hungary
	24.10. 2016	UGent	PULL workshop: Ghent	UGent	Ghent, Zuid Ghent, Coupure, Belgium
	31.10. 2016	HCU	HCU Research Day	HCU	Hamburg, Germany
	10. 2016	OVAM	OVAM's monthly Newsletter	OVAM	Internet
	10. 2016	IGIPZ, TUD	Draft version of the REPAIR project website online	TUD, IGIPZ	Internet
	1-2.11.	TUD	Geodesign Summit Europe,	ESRI/TUD	Delft,

events calendar

D8.5 Project website

REPAiR agrees with Ferrao et al.(2013) 'that we need to begin to redesign parts of the structure that under the process of achieving sustainability, based on new ideas from every trace of sustainability we can locate Hence, design in its widest sense plays a crucial role in developing strategies for circular economy (CE). RE	
organises peri-urban living labs (PULLs), where key actors, representatives of regions, municipalities,	
corporations, individuals, design professionals, information technologists, scientists and students collaboration	
	n
more second before.	
Ghent told energy accounty (b)	-
Naples (Acerta) million a million 156	
and and No.active Hydrology (Art) Market	21
annexes Pics Hamburg (Naplins 0% Dispersed and landlike, U.S. 7 no around 50% universal for Annual Annual Section 2015 and a se	1
³⁵ 33 ¹ number landtils ^{ONC} polluted 236	2
WANTE FEB ZARITA DA LAT	S. 1
	1
Ghent Mit Pers Amsterdam Hamburg massis Cpanal 145 223.8 355 938 438 10 ³ 10.726 16.766 31,800 87,163 32,719	1
Cayl	100 E
### lack of data 6. Active landfills less than 1km2, around DN. Rehabilitated landfills	
protection and research) 7. Potentially polluted areas in the Province of Naples. Source: Arpac 2. Sum Hamburg case study area: District Altona, Free and Hanseutic (2008) SIIT Contaminati in Campania, POR CAMPANIA 2005-2005.	1
City or Hamburg, County of Princederg, Scheewing Hotstein, 8. Number of inhalitetets in the perivation area (156,048) inhabitants in: 8. Data about works per catala in 6dditi. 8. Data about works per catala in 6dditi.	-2
4. Sum of data of Łódzi and Łódzii. Source-http://appsio.aurostat.ec.auropa.eu/nu/submitView-	
	presente new lacks and strategies for the development of CE. WP 5 organised the PULLs and is described in more detail below.

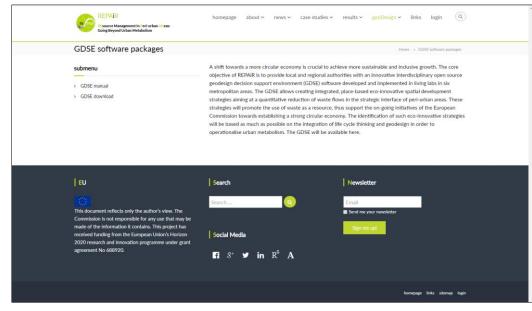
case studies



PULL Amsterdam (NL)

project results	Home > project results
submenu	The outcomes of REPAiR will be of relevance and use to a wide variety of stakeholder groups including:
 project reports knowledge transfer handbook sclentific papers other 	 Government: Regional and local governments, National EU-policy makers interested in enhancing waste management within their territories, yet struggling with the complexity of this public task, and involvement of private partners, are expected to take advantage of the GDSE.
	2. Research and Education: Research and Higher Education institutions. REPAIR's scientific results – diffused through academic papers, reports, conference presentations and other means – will be taken up by the interdisciplinary research and education community working on urban metabolism and waste management spanning a range of disciplines, from urban and regional studies, spatial planning to geography and environmental sciences. The researchers will also take advantage of the data produced by REPAIR, which will be made available on an open access basis for the purpose of further research drawing on REPAIR's findings.
	3. Industry: Waste Management companies, Energy companies, Waste producers, Urban planning and design industry. The GDSE will offer businesses in waste-related industries an attractive and adjustable tool for improving their own practices (reducing waste generation, enhancing waste treatment, promoting recycling of matterlais, re-using of waste to produce energy, etc.) as well as a basis for developing a new decision-subport software tailor-made to their activities and markets.
	 Civil society: NGOs, People of the place, general public dealing with environmental issues, groups and associations of local inhabitants concerned with the local environment, the local economy or the spatial quality.
EU	Search Newsletter
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results



geoDesign

3. Website management and maintenance

The website is designed, created and will be subsequently managed by IGiPZ, with input from the consortium.

For the website administrator is appointed Denis Cerić (IGiPZ), who is also DEM of the REPAiR in whole. Administrator login and password will be known to IGiPZ consortium member coordinator Konrad Czapiewski, as well as to REPAiR project coordinator Alexander Wandl.

Consortium members will be frequently asked to inform and send materials for publication on website and social networks by DEM. Those materials will be published in a proper places, while every publishing will be followed by a short news on website's homepage newsfeed, as well as on chosen social networks.