



REPAIR

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

D8.7 Scientific Publications

Version 2.0

Author(s): Denis Cerić (IGiPZ), Alexander Wandl (TUD)

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:	PU
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.

Disclaimer:

This document reflects only the author's view. The Commission is not responsible for any use that may be made of the information it contains.

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	18-12-2020	Denis Cerić	IGiPZ	Setup of document structure
1.1	25-12-2020	Denis Cerić	IGiPZ	First Draft Version
1.2	29-12-2020	Alexander Wandl	TUD	Final editing

Acronyms and Abbreviations

WP **Work Package**

Table of Contents

Change control	2
Table of Contents	4
Publishable Summary	5
1. List of Publications and Authors	6

Publishable Summary

This Deliverable provides an overview of all published scientific papers of the REPAiR consortium. Until December 2020, in total 70 authors contributed to 44 open access scientific articles, almost all in peer-reviewed journals. All articles are available via the project web [page](#).

1. List of Publications and Authors

Based on the EU Horizon 2020 programme's project proposal and rules, REPAiR follows the open access policy concerning publications as the outcomes from the project. It was planned to deliver at least twelve peer-reviewed journal articles throughout the project. In the end, until December 2020 REPAiR Consortium members reported 44 open access scientific articles related and acknowledged to the REPAiR project (almost all in peer-reviewed journals). Moreover, these publications range from books and special issues to research articles published independently in a chosen journal. The list of all publications, hyperlinked for download, is available at the REPAiR website [here](#). This number of publications is not definitive, since at least five publications are planned for 2021 after the project will officially be finished. Most of the articles are written by more than two authors, and usually, these authors represent different institutions. Above mentioned reflects a huge scientific discussion and collaboration among the partners. Altogether, 70 different authors published under the REPAiR acknowledgement so far (Tab.1).

Tab. 1: All authors of the REPAiR scientific publications

NO.	AUTHOR	NR. OF PUBLICATIONS
1	Acke A.	2
2	Albizzati P. F.	1
3	Alvarenga R.A.F.	1
4	Amenta L.	10
5	Arciniegas G.	2
6	Arena A.	1
7	Arlati A.	2
8	Astrup T.F.	1
9	Attademo A.	4
10	Balz V.	1
11	Berruti G.	6
12	Boccia L.	1
13	Bodor Á.	1
14	Ceric D.	1
15	Cerreta M.	4
16	Cooreman-Algoed M.	1
17	Czapiewski K.	2
18	Dąbrowski M.	4
19	Dewulf J.	6
20	Formato E.	3
21	Furlan C.	2
22	Garzilli F.	1
23	Geldermans B.	2
24	Gil J.	2
25	Grünhut Z.	1
26	Hackauf U.	1
27	Heurkens E.	2
28	Huygens D.	1
29	Huysveld S.	2
30	Inglese P.	2
31	Iodice S.	3
32	Izdebska O.	1

NO.	AUTHOR	NR. OF PUBLICATIONS
33	Knieling J.	2
34	Leer J. van der	1
35	Lucertini G.	1
36	Luscuere P.	1
37	Mazurek D.	1
38	Mazzarella C.	3
39	Meister K.	1
40	Mezei C.	4
41	Muñoz P. Unceta	1
42	Obersteg A.	2
43	Palestino M.F.	4
44	Pomazi I.	1
45	Préat N.	1
46	Qu L.	2
47	Ragaert K.	1
48	Remøy H.	2
49	Rigamonti L.	1
50	Rigillo M.	1
51	Rosa F. De	1
52	Russo M.	3
53	Sanjuan-Delmás D.	3
54	Sfez S.	2
55	Sileryte R.	3
56	Song Y.	1
57	Spiezia M.	1
58	Szabo E.	1
59	Taelman S.E.	6
60	Tenpierik M.	1
61	Timmeren A. van	4
62	Tonini D.	4
63	Toro P. De	2
64	Traczyk A.	1
65	Tramontano M. R.	1
66	Varju V.	6
67	Ver C.	1
68	Vittiglio V.	3
69	Wandl A.	9
70	Wójcik M.	2

Tab. 2: List of the REPAiR scientific publications

YEAR	TITLE	AUTHORS	JOURNAL /BOOK	VOL./NO.	PAGES	PUBLISHER	IF	WP
2017	La pianificazione del ciclo dei rifiuti e delle areerifiuto nella svolta della governancemetropolitana di Napoli (in Italian)	Berruti G., Palestino M.F	Working papers. Rivista online di Urban@it	2/2017	11	Centro nazionale di studi per le politiche urbane	-	WP3, WP5
2017	Economia circolare, scarti e rigenerazione del periurbano: il progetto REPAiR (in Italian)	Russo, M., Attademo, A., Formatto, E., Vittiglio, V., Amenta, L.	Proceedings from the conference Atti della XX Conferenza Nazionale SIU	Workshop 6 Urbanistica e/è Azione Pubblica per il Ri-ciclo e la Valorizzazion e Energetica dell'ambiente e del Paesaggio	1235- 1242	Planum Publisher Roma-Milano	-	WP3
2018	Beyond Wastescapes: Towards Circular Landscapes. Addressing the Spatial Dimension of Circularity through the Regeneration of Wastescapes.	Amenta L, van Timmeren A.	Sustainability	10 (12)	4740	MDPI, Basel, Switzerland	2.58	WP3, WP4
2018	La rigenerazione dei paesaggi dello scarto come occasione per innescare processi circolari nel periurbano. Un report dalla regione urbana di Napoli / Wastescape regeneration as a chance for circular peri-urban processes.	Berruti, G.	Urbanistica	LXX, 162,	128-137	INU Edizioni Srl, Roma	-	WP3
2018	Le aree-rifiuto come sfida dell'economia circolare. Un cantiere aperto nella regione urbana di Napoli (in Italian).	Berruti G., Palestino M.F	Urbanistica Informazioni	278	26-31	Istituto Nazionale di Urbanistica, Roma	-	WP3, WP4 WP5, WP6

2018	A hybrid decision-making process for wastescapes remediation. Geodesign, LCA, Urban Living Lab interplay.	Cerreta, M., Inglese, P. & Mazzarella, C.	Chapter In: A. Leone & C. Gargiulo (Eds.), Environmental and territorial modelling for planning and design.	-	603-610.	FedOAPress, Naples	-	WP4, WP5, WP6
2018	Social-Ecological-Technical systems in urban planning for a circular economy: an opportunity for horizontal integration,	van der Leer, J., van Timmeren, A., Wandl, A.	Architectural Science Review	61 (5)	298-304	Taylor & Francis online	1.40	WP4, WP6
2018	Eco-Innovative Solutions for Wasted Landscapes	Rigillo, M., Amenta, L., Attademo, A., Boccia, L., Formato, E., Russo, M.	RI-VISTA	1/2018 Special issue: Out of waste landscapes	146-159	Firenze University Press	-	WP5, WP6
2018	Evaluating sustainable urban development using urban metabolism indicators in urban design	Song, Y., Gil, J., Wandl, A., van Timmeren, A.	Europa XXI	34	5-22	IGSO PAS	-	WP4, WP5, WP6
2018	Introducing Spatial Variability to the Impact Significance Assessment. I	Sileryte R., Gil J., Wandl A., van Timmeren A.	Chapter In: Mansourian A., Pilesjö P., Harrie L., van Lammeren R. (eds) Geospatial Technologies for All.	Part of the Lecture Notes in Geoinformation and Cartography book series (LNGC)	189-209	Springer, Cham.	-	WP4, WP6
2018	A Holistic Sustainability Framework for Waste Management in European Cities: Concept Development.	Taelman, S. E., Tonini, D., Wandl, A., Dewulf, J.	Sustainability	10 (7)	2184	MDPI, Basel, Switzerland	2.58	WP4
2018	Environmental impacts of food waste: Learnings and challenges from a case study on UK.	Tonini, D., Albizzati, P.F., Astrup, T.F.	Waste Management	76	744-766	-	5.45	WP4, WP7
2018	Eco-innovative strategies towards peri-urban	Vittiglio, V., Iodice, S.,	Europa XXI	34	23-40	IGSO PAS	-	WP4, WP5

	sustainability: the case study of the metropolitan area of Naples	Amenta, L., Attademo, A., Formato, E., Russo, M.					
2019	beyond WASTESCAPES: Opportunities for sustainable urban and territorial regenerations	Amenta L.	Book	-	198p.	TU Delft Open, Delft.	WP3, WP5
2019	From wastescape to resource: Multimethodological approaches for the regeneration of waste landscapes (in Italian)	Cerreta, M., De Rosa, F., De Toro, P., Inglese, P., Iodice, S.	BDC. Bollettino Del Centro Calza Bini	Vol. 19, 2/2019	p. 337- 352	Dipartimento di Architettura (DiARC), Università degli Studi di Napoli Federico II	WP3, WP5
2019	Circular and Flexible Indoor Partitioning—A Design Conceptualisation of Innovative Materials and Value Chains.	Geldermans, B., Tenpierik, M., Luscuere, P.	Buildings	9(9), 194	p. 1-24	MDPI	WP3
2019	Local resource-based local development potentials in changing Hungarian waste management (in Hungarian).	Mezei, C, Varju, V.	Tér és Társadalom	33. évf., 2. szám	p. 41-61	Institute for Regional Studies of the Centre for Economic and Regional Studies. Budapest	WP3, WP6
2019	Facilitating Circular Economy in Urban Planning	Remøy H., Wandl A., Ceric D., van Timmeren A.	Urban Planning	Vol 4, No 3,	p. 1-4	Cogitatio Press Rua Fialho de Almeida 14, 2° Esq. 1070-129 Lisbon Portugal	WP2, WP3, WP4, WP5, WP6
2019	Managing the Transition towards Circular Metabolism – Living Labs as a Co-Creation Approach	Amenta L., Attademo A., Remøy H., Berruti G., Cerreta M., Formato E.	Urban Planning	Vol 4, No 3,	p. 5-18	Cogitatio Press Rua Fialho de Almeida 14, 2° Esq. 1070-129 Lisbon Portugal	WP5, WP6
2019	Urban Regions Shifting to Circular Economy – Understanding Challenges for New Ways of Governance	Obersteg A., Arlati A., Acke A., Berruti G., Czapiewski	Urban Planning	Vol 4, No 3,	p. 19-31	Cogitatio Press Rua Fialho de Almeida 14, 2° Esq.	WP6

		K., Dąbrowski M., Heurkens E., Mezei C., Palestino M.F., Varjú V., Wójcik, M., Knieling J.				1070-129 Lisbon Portugal		
2019	A Geodesign Decision Support Environment for Integrating Management of Resource Flows in Spatial Planning.	Arciniegas G., Šileryté R., Dąbrowski M., Wandl A.	Urban Planning	Vol 4, No 3,	p. 32-51	Cogitatio Press Rua Fialho de Almeida 14, 2° Esq. 1070-129 Lisbon Portugal		WP2
2019	Transferring Circular Economy Solutions across Differentiated Territories – Understanding and Overcoming the Barriers for Knowledge Transfer.	Dąbrowski M., Varjú V., Amenta L.	Urban Planning	Vol 4, No 3,	p. 52-62	Cogitatio Press Rua Fialho de Almeida 14, 2° Esq. 1070-129 Lisbon Portugal		WP5, WP6
2019	The Circular Economy Concept in Design Education – Enhancing Understanding and Innovation by Means of Situated Learning.	Wandl A., Balz V., Qu L., Furlan C., Arciniegas G., Hackauf U.	Urban Planning	Vol 4, No 3,	p. 63-75	Cogitatio Press Rua Fialho de Almeida 14, 2° Esq. 1070-129 Lisbon Portugal		WP5, WP6
2019	Urban Metabolism And Circular Economy Interrelations. Analysing Three Examples Of Eu-Funded Projects.	Amenta L., Lucertini, G.	BDC Journal	V. 19 N. 1	p. 185- 210	Dipartimento di Architettura (DiARC), Università degli Studi di Napoli Federico II		
2020	A framework for using the handprint concept in attributional life cycle (sustainability) assessment.	Alvarenga R.A.F., Huysveld S., Taelman S.E., Sfez S., Préat N., Cooreman- Algoed M., Sanjuan- Delmása D., Dewulf J.	Journal of Cleaner Production	Vol 265	9p. (online)	Elsevier	7.246	WP4

2020	Regenerativescapes: incremental evaluation for the regeneration of unresolved territories in East Naples.	Cerreta, M., Mazzarella, C., Spiezia, M., Tramontano, M. R.	Sustainability	12(17)	23p. (online)	MDPI	2.576	WP3, WP5
2020	Quantitative sustainability assessment of household food waste management in the Amsterdam Metropolitan Area.	Tonini D., Wandl A., Meister K., Muñoz Unceta P., Taelman S.E., Sanjuan- Delmás D., Dewulf J., Huygens D	Resources, Conservation & Recycling	Volume 160	13p. (online)	Elsevier	8.086	WP4
2020	Experimenting with Circularity When Designing Contemporary Regions: Adaptation Strategies for More Resilient and Regenerative Metropolitan Areas of Amsterdam and Naples Developed in University Studio Settings	Amenta, L., Qu, L.	Sustainability	12(11)	24p. (online)	MDPI	2.576	WP2
2020	An operational framework for sustainability assessment including local to global impacts: Focus on waste management systems.	Taelman, S., Sanjuan- Delmás, D., Tonini, D., Dewulf, J.	Resources, Conservation & Recycling	Volume 162	11p. (online)	Elsevier	8.086	WP4
2020	Climate resilient cities. Introducing two complementary projects' approaches to mitigate the negative impacts of climate change.	Amenta, L. Arena, A.	UPLanD - Journal of Urban Planning	5(2)	p. 29-38	University of Maryland		WP4
2020	Integrated Approaches for Peri-Urban Wastescapes: Eco-Innovative Strategies of the REPAiR Project in the Naples Case Study.	Garzilli F., Mazzarella C., Vittiglio V.	International Journal of Urban Planning and Smart Cities (IJUPSC)	Vol 1, No 2	p. 43-58	IGI Global		WP5

2020	A step forward in quantifying the substitutability of secondary materials in waste management life cycle assessment studies.	Rigamonti L., Taelman S.E., Huysveld S., Sfez S., Ragaert K., Dewulf J.	Waste Management	Volume 114	p. 331-340	Elsevier	5.448	WP4
2020	Waste and wasted landscapes focus on abandoned industrial areas.	Iodice, S., De Toro, P	Detritus	Volume 11 - 2020	p. 103- 120	CISA PUBLISHER		WP5
2020	Waste management (in Hungarian)	Varju, V., Mezei	Territorial challenges and territorial policies in Hungary between 2010-2020, M. Czirfusz (ed.)		p. 105- 110	DTI		WP6
2020	The Effect of Trust on the Various Dimensions of Climate Change Attitudes	Bodor, Á, Varjú, V., Grünhut, Z.	Sustainability	12(23)	19p. (online)	MDPI	2.576	
2020	A refined waste flow mapping method. Addressing the material and spatial dimension of waste flows in the urban territory through big data: the case of the Amsterdam Metropolitan Area	Furlan, C., Wandl, A., Geldermans, B., Sileryte, R.	CONTESTI CITTÀ TERRITORI PROGETTI	1	p. 74-89	Firenze University PRESS		WP2, WP3
2020	Circling the square: Governance of the circular economy transition in the Amsterdam Metropolitan Area	Heurkens E., Dąbrowski M.	European Spatial Research and Planning	Volume 27, Number 2	p. 11-30	Institute of the Built Environment and Spatial Policy, University of Łódź		WP6
2020	Wastelands as an opportunity for managing Naples' sustainable transition	Berruti G., Palestino M. F.	European Spatial Research and Planning	Volume 27, Number 2	p. 31-40	Institute of the Built Environment and Spatial Policy, University of Łódź		WP5
2020	A multi-stakeholder and interdisciplinary approach to waste management and circular economy: The case of Flanders and Ghenr, Belgium	Acke A., Taelman S. E., Dewulf J.	European Spatial Research and Planning	Volume 27, Number 2	p. 41-56	Institute of the Built Environment and Spatial Policy, University of Łódź		WP5

2020	Making cities circular: Experiences from the living lab Hamburg-Altona	Obersteg A., Arlati A., Knieling J.	European Spatial Research and Planning	Volume 27, Number 2	p. 57-76	Institute of the Built Environment and Spatial Policy, University of Łódź	WP5
2020	Local resurec-based development potential as reflected in waste management/circularity transition: Governance barriers in Hungary	Varju V., Mezei C., Ver C.	European Spatial Research and Planning	Volume 27, Number 2	p. 77-92	Institute of the Built Environment and Spatial Policy, University of Łódź	WP6
2020	Waste material flow analysis in the Łódź Metropolitan Area	Czapiewski K., Mazurek D., Traczyk A., Wójcik M.	European Spatial Research and Planning	Volume 27, Number 2	p. 93-112	Institute of the Built Environment and Spatial Policy, University of Łódź	WP3
2020	Citizen involvement in waste management and circular economy in cities: Key elements for planning and implementation	Izdebska O., Knieling J.	European Spatial Research and Planning	Volume 27, Number 2	p. 113-128	Institute of the Built Environment and Spatial Policy, University of Łódź	WP5
2020	Circular economy policy-related national initiatives in Visegrad countries	Pomazi I., Szabo E.	European Spatial Research and Planning	Volume 27, Number 2	p. 128-152	Institute of the Built Environment and Spatial Policy, University of Łódź	WP6

