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	06 February 2019		
09:00-11:00	Circular Retrofit Lab - Site visit		
12:00-14:00	Research day lunch		
14:00-14:45	Keynote lecture: Mass flow in life cycle of buildings - a topic and its context / Keynote speaker: Thomas Lützkendorf Chair: Luis Bragança		
Room	Auditorium	Terra & Aqua	Sylva
	Topic 1 - Management tools and supportive mechanisms for circular applications and business models Chair: Ke Wang	Topic 5 - Efficient waste and resources management Chair: Luisa F. Cabeza	Topic 7 - BIM and digitalisation towards high reuse potential and circular economy Chair: Wim Debacker
14:45-15:00	Capture and Control of Material Flows and Stocks in Urban Residential Buildings *Presenter: M. Heinrich*	Resource-respectful construction - the case of the Urban Mining and Recycling unit (UMAR) *Presenter: F. Heisel*	A BIM-based theoretical framework for the integration of the asset End-of-Life phase *Presenter: R. Charef*
15:00-15:15	It's all about planning - pre-demolition audits to inform public calls for tender for enhanced resource management of building materials from deconstruction *Presenter: C. Ehlert*	Estimation of building waste flows and adequacy with resources *Presenter: I. Bergogne*	IBIM and Circular design *Presenter: A. Aguiar, R. Vonk*
15:15-15:30	Existing databases as means to explore the potential of the building stock as material bank *Presenter: B. Gepts & G. Verbeeck*	WIM project: wood flow analysis in Heyvaert district - *Presenter: V. Ooghe*	Concept for a BIM-based Material Passport for buildings *Presenter: M.Honic*
15:30-15:45	Discussion	Discussion	Discussion
15:45-16:15	Coffee Break		
	Topic 1 - Management tools and supportive mechanisms for circular applications and business models Chair: Gilli Hobs	Topic 5 - Efficient waste and resources management Chair: Katherine Adams	Topic 7 - BIM and digitalisation towards high reuse potential and circular economy Chair: Rabia Charef
16:15-16:30	Why invest in a reversible building design? *Presenter: K. Wang*	Measuring reuse potential and waste creation of wooden façades *Presenter: R. Androsevic*	Parametric design and BIM, systemic tools for circular architecture *Presenter: C. Dautremont*
16:30-16:45	Can Material Passports lower financial barriers for structural steel re-use? *Presenter: A. Smeets*	Reuse of resources in the use phase of buildings. Solutions for water *Presenter: C. Rodrigues*	How close is the built environment to achieving circularity? *Presenter: A. Nazareth*
16:45-17:00	Fixotek: Implementing and Testing Urban Reuse and Repair Centers in Sweden *Presenter: I. Ordóñez*	Use of seagrass fibres in adobe bricks *Presenter: L. Cabeza*	A Preliminary Case Study on Circular Economy in Taiwan's Construction *Presenter: Y. Chang*
17:00-17:15	Circular planning: the case of Amsterdam *Presenter: N. Navarro*	What are the barriers affecting the use of earth as a modern construction material in the context of circular economy? *Presenter: R. Charef & J. Morel*	The Importance of City Information Modeling (CIM) for Cities' Sustainability *Presenter: H. Dantas & H. Melo*
17:15-17:30	Green Supply Chain Management in the Construction Industry: A literature review *Presenter: M. Freitas & S. Tavares*	Market analysis of recycled sands and aggregates in North-West Europe: drivers and barriers *Presenter: S. Delvoie*	Integration of environmental life cycle information in BIM objects according with the level of development *Presenter: V. Durão*
17:30-17:45	Mapping a Resource-Based Design Workflow to Activate a Circular Economy in Building Design and Construction *Presenter: A. Ali*	The role of resource efficiency towards circular economy *Presenter: H. Gervasio*	Implementation of City Information Modeling (CIM) concepts in the process of management of the sewage system in Piumhi, Brazil *Presenter: H. Melo & M. Gonzales*
17:45-18:00	Discussion	Discussion	Discussion
18:00-20:00	Walking dinner for registered participants		

	07 February 2019		
08:00-09:00	Welcome coffee		
09:00-09:45	Keynote lecture: Materials research to achieve a circular economy in the built environment / Keynote speaker: Luisa F. Cabeza Chair: Nils Larsson		
Room	Auditorium	Terra & Aqua	Sylva
	Topic 2 - Strategies, tools and systems to promote circular economy in buildings Chair: Jan Bostrōm	Topic 3 - Design for adaptability, reconfiguration and high reuse potential Chair: Mark Gorgolewski	Topic 4 - Environmental assessment and economic impacts for measuring circularity Chair: Chiara Piccardo
09:45-10:00	Cradle-to-Cradle in Building Services *Presenter: J. Stiglmair & K. Jurkait*	The reuse of load-bearing components *Presenter: J. Brütting & C. Fivet*	A greenhouse that reduces greenhouse effect: how to create a circular activity with construction waste? *Presenter: C. Vandervaeren*
10:00-10:15	Superuse and upcycling through design: approaches and tools *Presenter: P. Altamura*	Design of composite flooring systems for reuse *Presenter: M. Nijgh*	Cradle to Cradle and Whole-Life Carbon assessment - Barriers and opportunities towards a circular economic building sector *Presenter: N. Futas*
10:15-10:30	REBUILD: Regenerative Buildings and Construction systems for a Circular Economy *Presenter: P. Hopkinson, A. Ajayebi & H. Chen*	Dismountable Flooring Systems for Multiple Use *Presenter: C. Odenbreit*	Environmental assessment of the Urban Mining and Recycling (UMAR) unit by applying the LCA framework *Presenter: E. Kakkos & F. Heisel*
10:30-10:45	Discussion	Discussion	Discussion
10:45-11:15	Coffee Break		
	Topic 2 - Strategies, tools and systems to promote circular economy in buildings Chair: Anne Paduart	Topic 3 - Design for adaptability, reconfiguration and high reuse potential Chair: Elma Durmisevic	Topic 4 - Environmental assessment and economic impacts for measuring circularity Chair: Peter Hopkinson
11:15-11:30	Woodscraper - highrise according to the circular economy *Presenter: J. Finkbeiner*	Adaptable skin systems *Presenter: O. Zalloum*	Upcycling and Design for Disassembly - LCA of buildings employing circular design strategies *Presenter: F. Rasmussen & H. Birgisdottir*
11:30-11:45	Strategies for circular, prefab buildings from waste wood *Presenter: A. Klinge*	Circular design: reused materials and the future reuse of building elements in architecture. Process, challenges and case studies *Presenter: U. Kozminska*	Financial assessment of reusing materials in buildings: comparing financial potential of wood, concrete, and glass reuse *Presenter: J. Nußholz*
11:45-12:00	Proposal of a building material passport and its application feasibility to the wood frame constructive system in Brazil *Presenter: S. Tavares*	The Architecture of Reuse *Presenter: M. Gorgolewski*	Decarbonizing the cement and concrete sector: integration of the full value chain to reach net zero emissions in Europe *Presenter: G. Habert*
12:00-12:15	Building circular in Brussels: an overview through 14 inspiring projects *Presenter: A. Maerckx*	From Temporary to Permanent, A Circular Approach for Post-Disaster Housing Reconstruction *Presenter: R. Askar*	Circular (de)construction in the Superlocal project *Presenter: M. Ritzen*
12:15-12:30	Discussion	Discussion	Discussion
12:30-14:00	Research day lunch		
14:00-14:45	Keynote lecture: Agility in architectural design towards regenerative cities / Keynote speaker: Steven Beckers Chair: Antonin Lupíšek		
	Topic 2 - Strategies, tools and systems to promote circular economy in buildings Chair: Rijk Blok	Topic 3 - Design for adaptability, reconfiguration and high reuse potential Chair: Steven Beckers	Topic 4 - Environmental assessment and economic impacts for measuring circularity Chair: Thomas Lützkendorf
14:45-15:00	How to design buildings with Life Cycle Assessment by accounting for the material flows in refurbishment *Presenter: R. Castro*	Design of Load-Bearing Systems for Open-Ended Downstream Reuse *Presenter: C. Fivet*	Comparative Life-Cycle Analysis of Building Materials for the Thermal Upgrade of an Existing Building *Presenter: C. Piccardo*
15:00-15:15	Rebeauty - Artistic Strategies for Repurposing Material Components *Presenter: A. Manelius*	Energy retrofit scenarios: material flows and circularity *Presenter: E. Gobbo*	Comparison of eco-effectiveness and eco-efficiency based criteria for the construction of single-family homes *Presenter: S. Lindner*
15:15-15:30	A new Evaluation Method for the End-of-life Phase of Buildings *Presenter: H. Figl*	A workflow for retrofitting façade systems for daylight, comfortable and energy efficient buildings *Presenter: B. Bueno*	Comparing life cycle assessment modelling of linear vs. circular building components *Presenter: L. Eberharbt*
15:30-15:45	Discussion	Discussion	Discussion
15:45-16:15	Coffee Break		
	Topic 2 - Strategies, tools and systems to promote circular economy in buildings Chair: Corentin Fivet	Topic 6 - Barriers and opportunities for a circular built environment Chair: Hildegund Figl	Topic 4 - Environmental assessment and economic impacts for measuring circularity Chair: Felix Heisel
16:15-16:30	Demolition versus Transformation, "mortality of building structures" depending on their technical building properties *Presenter: R. Blok*	Exploring material circularity opportunities for a construction-SME on small-scale projects in Ireland Discussion *Presenter: M. Kelly*	Energy and carbon balance of materials used in a building envelope renovation *Presenter: C. Piccardo*
16:30-16:45	City as Material Bank - Constructing with Reuse in Musicon, Roskilde *Presenter: A. Manelius*	Barriers and opportunities to reuse of building materials in the Norwegian construction sector *Presenter: L. Kilvær*	Incompatible trends - Hazardous Chemical Usage in Building Products Poses Challenges for Functional Circular Construction *Presenter: M. Lewis*
16:45-17:00	Infozentrale auf dem Vollgut – Circular Construction for a Post-Fossil Society *Presenter: M. Crabbe*	Circular economy and regeneration of building stock in the Italian context: policies, partnership and tools *Presenter: S. Giorgi*	Product data and building assessment - flow of information *Presenter: T. Lützkendorf*
17:00-17:15	Discussion	Discussion	Discussion
17:15-17:45	Wrap up conclusive session		
17:45-18:00	Reversible design competition awards + Closing ceremony		