

MINEA WG 1: “Resource potential of construction & demolition waste”
**Workshop Theme: Towards a knowledge base for material reserves and
resources in buildings & infrastructures**

Monday, 29th October 2018

12:00-12:30	Registration Light lunch and welcome <ul style="list-style-type: none">- Welcome address: Henrik Wenzel, Head of SDU Life Cycle Engineering (5’)- Introduction to the workshop: Gang Liu, host of the workshop (10’)	
Session I: Building passport (Moderator: Gang Liu)		
12:30-12:50	Rob Oomen	Enabling circularity by giving materials an identity
12:50-13:10	Georg Schiller	Transferability of Material Composition Indicators – a conceptual approach based on a German-Japanese Comparison
13:10-13:30	Paul Gontia	Material composition of buildings and material stock in Swedish cities
13:30-13:50	Willemijn Vanderwerf	Building material stock models: general approach and practical implementation
13:50-14:00	General discussion and Q&A on Session I (e.g., lifetime, material intensity data, transferability, the use of new types of data such as BIMs)	
14:00-14:20	Break (20 mins)	
Session II: Material Stocks and Flows in the Built Environment (Moderator: Georg Schiller)		
14:20-14:40	Ulrich Kral	The Viennese building stock from 1920 to 2018
14:40-15:00	Daniella Densley Tingley	Multi-scale, circular economic potential of a nation’s building stock
15:00-15:20	Christian Dierks	Construction & demolition waste flows in a metropolitan area: outline of a current research project
15:20-15:30	Discussion and Q&A on session II (e.g., stock modeling, C&D waste generation forecasting, comparability of results)	
Session III-a: Circular economy in the construction industry – Danish experience (Moderator: Morten Birkved)		
15:30-15:50	Ebbe Naamansen	Addressing challenges construction and demolition waste and recycling at RGS Nordic
15:50-16:10	Sasha Beckmann	From waste to architecture
16:10-16:30	Leonora Eberhardt	Implementation of circular economy in the construction sector
Breakout session: Towards a knowledge base in Europe – Scope, comparability and drivers (Moderator: Tamara Bimesmeier & Maud Lanau)		
16:30-17:30	5’ Introduction to the session 40’ Break out in 4 groups (group formation and reporter t.b.a on the day) 15’ Summary from each group and plenary discussion	
17:30	End of day 1	
18:30	Get-together dinner (Hotel Plaza, Østre Stationsvej 24, 5000 Odense. On your own costs.)	

Tuesday, 30th October 2018

08:45	Registration and welcome	
Session III-b: Circular economy in the construction industry – international experience (Moderator: Diane Bastien)		
09:00-09:20	Jeroen Vrijders	The Brussels Building Stock, Source of new Materials
09:20-09:40	Rick Lupton	End uses of cement in the United Kingdom
09:40-10:00	Božidar Manić & Boško Josimović	(No) Circular Economy in the Construction Industry in Serbia
10:00-10:20	Serena Giorgi	Towards a sustainable circular economy in the built environment: policies improvements, strategic partnership and life cycle assessment tools for supporting decision
10:20-10:40	Vincent Augiseau	Construction materials flows and stocks studies in Paris region: from research to policies and projects
10:40-11:00	Break (20 mins)	
Breakout session: Linking the knowledge base to circular economy in the construction industry (Moderator: Zhi Cao & Maud Lanau)		
11:00-12:00	5’ Introduction to the session 40’ Break out in 3 groups (group formation and reporter t.b.a on the day) 15’ Summary from each group and plenary discussion	
12:00-13:00	Lunch (60 mins)	
Plenary session and next steps: deliverables/knowledge base, joint article, joint projects (Moderator: Ulrich Kral)		
13:00-14:30	13:00-13:30 Review of CDW generation forecasting approaches and results - 15’ Presentation (Ulrich Kral) - 15’ Discussion 13:30 – 14:30 Next steps - WG1 work plan and deliverables: what, when, and how (Gang Liu) - White paper/joint statement/vision/review articles? - Brainstorming, ideation, discussion on other ways of collaboration - Wrapping-up and goodbye	
14:30	End of day 2	

Contact persons if you have any questions during the workshop:

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