

Circular Economy - a global challenge
for construction industry
1st ECCA Conference
Ljubljana, Slovenia



Organized by

European Circular Construction Alliance - Adopting Circular Economy for internationalization and global competitiveness of European SMEs in Building and Construction
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Cluster
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Supporting partners of the conference:



Agenda

9.00 - 10.15 Circular Economy in construction sector – challenges and opportunities

10.15-10.30 Coffee break

10.30 -12.00 Circular economy implementation – best practices

12.00-13.00 Working lunch

13.00 -14.30 Circular construction task groups` workshops

14.30 -15.00 Conference summary



Agenda Part 1

9.00 - 10.15 Circular Economy in construction sector – challenges and opportunities

- Tanja Bolte, Republic of Slovenia - Ministry of Environment and Spatial Planning
Inter-ministerial working group on green development of Slovenia
- Joanna Syrda, PhD in Business Economics, ASM – Market Research and Analysis Centre,
Scenarios for Circular Construction 2030
- Riccardo Viaggi, European Builders federation, secretary general,
How European SMEs are reaping the benefits and tackling the challenges of sustainability
- Philippe Van de Velde, team Eindverwerking en Bouw, Belgium,
From waste management to circular economy in the building sector. A case from Flanders
- Vladimir Gumilar, Construction cluster of Slovenia,
Lighthouse circular construction solutions for global markets, ECCA – project presentation

10.15-10.30 Coffee break

Agenda Part 2

10.30 -12.00 Circular economy implementation – best practices

- Steve Thompson – Senior BIM Consultant, PCSG (Professional Construction Strategies Group Ltd), UK, **Digitalisation in the construction sector; an enabler for smarter assets and through-lifecycle strategies**
- Marko Kramar, architect, Slovenia, **Sustainable urban living - Integration of multiresidential nZEB buildings and e-mobility**
- Alenka Mauko Pranjic, ZAG – National Building and Civil Engineering Institute, Slovenia, **Closing the loops in construction sector – ReBirth project**
- Aleksandra Oleksik, ASM Market Research and Analysis Centre, **Innovative solutions for C&DW recycling – HISER project**
- Margita Adamič, MBA in Business Economics, Mirabilis d.o.o., Slovenia, **Use of natural and recycled building materials in construction as an example of circular economy**
- Bernard Likar, Wood Industry Cluster (WIC), Slovenia, **Window based on thermally modified wood (wintherwax) and eco-friendly and acoustic wooden doors for indoor applications (ecosilentwood)**
 - * Laura González, Pavimentos de Tudela S.L. – PVT, **EcoGranic – The docontaminating pavement**
 - * Biljana Avramović, cluster DUDNJER, Serbia, **ISORETEX - building insulation product, made from recycled textile industrial waste**
 - * Viktor Ferreira, Sustainable Habitat Cluster, Portugal, **Valorization of wastes from paper pulp industry as raw materials for construction materials**

Agenda Part 3

12.00-13.00 Working lunch

Circular Construction task groups matchmaking @
Identified potential European Lighthouse Circular Construction Solution

13.00 -14.30 Circular construction task groups` workshops

1. NZEB, Smart building/district, modular& flexible design, replicability for different climatic zone, BIM integration, e-mobility integration...
2. CDW management, on site-recycling & use of recycled materials...
3. Wood based building sustainability: advanced wood and composite products, prefabricated houses...
4. IKT supported building material and components database, digitalization solutions, including IOT/BIM integration...
5. Bioclimatic house, nature based design, use of local/natural/renewable materials, and/or by-products of agriculture...

14.30 -15.00 Conference summary

Presentation of the 1st draft outlines of the European Lighthouse Circular Construction Solutions. End of the conference

The results of the the workshop and of the Part 3 will be presented in ECCA catalog at <http://circularconstruction.eu>