










Conference Agenda

09:00 – 09:30 Registration, welcome coffee

09:30 – 10:00 Opening Session

- **Short welcome and introduction by CINDERELA Project Coordinator**
Alenka Mauko Pranjić, Slovenian National Building and Civil Engineering Institute
- **Keynote speech: The challenges and opportunities for the circular economy transition in the urban construction sector**
Speaker: Dr. Ana Mladenovič, Head of Laboratory for Stone, Aggregates and Recycled Materials, Slovenian National Building and Civil Engineering Institute
- **Driving a circular change in urban construction through technologies, digitalisation and circular business models: the CINDERELA project innovations achieved**
Alenka Mauko Pranjić, Cinderela Project Coordinator, Slovenian National Building and Civil Engineering Institute

10:00-10:45 **Session 1 Technical solutions for sustainable value creation in urban construction**

The session will present technical solutions for utilizing secondary raw materials recovered from urban and industrial waste streams for site redevelopment/ unused industrial sites repurposing projects developed and demonstrated in real conditions in the CINDERELA project. They can be leveraged by cities to drive the circular change in local/regional construction projects and by companies as enablers of circular business models

- **Revitalising a degraded site with multiple circular solutions: the Dogosa demonstration case**
Tadej Žurman, External Advisor on Circular Economy and Sustainable Development, Nigrad , d.o.o, Slovenia
- **Closing the material loops in an unused industrial site: the Madrid demonstration case**
Ignacio Vilela, Asociación de Empresarios del Henares, Spain
- **Building regional industrial symbiosis for reuse of metallurgy waste streams for construction purposes : the Skopje demonstration case**
Dobriela Rogozareva Stavreva / Tanja Dimitrova Filkoska, Civil Engineering Institute, North Macedonia

- **Maximising the utilization of urban resources for circular construction: phosphorus extraction as a step in a cascade recycling of sewage sludge and 3D printing of building components with recycled plastic**

Arjan van Timmeren Technical University of Delft

- **Q&A Session**

10:45 – 11:00 COFFE BREAK

11:00 – 11:45 Session 2: Digital solutions for circular urban construction: CinderOSS presentation

This session will present the CINDERELA one-stop shop platform (CinderOSS) as a digital environment for data collection, analysis and management to help cities increase the regenerative capacity and create value for circular economy business models in urban construction sector based on locally/regionally available secondary raw materials recovered from urban and industrial waste streams.

- **CinderOSS: a multifunctional digital environment for supporting circular business models and urban ecosystems.**
Douwe Huitema / Joran Straatman, KplusV
- **The operational requirements for establishing circular construction hubs with CinderOSS**
Gabriele Francescotto / Lorenzo Brusaferrero, OpenContent
- **CinderOSS as a tool to promote the sustainability of SRM based construction materials**
Matteo Donelli, University Bocconi, Ainara Garcia Uriarte, Tecnalia

11:45– 12:30 Session 3 Building local/regional digital circular construction hubs with CinderOSS: the way forward

Moderated Panel discussion:

- Challenges and opportunities, drivers and constraints for circular urban construction
- How digital tools like CinderOSS may help cities/region through building digital circular construction hubs ?

Panelists:

- Blanka Romanowska Head of Department of Infrastructure and Environment, GZM Metropolis, Poland
- Enrico Pusceddu, Upper Adriatic Technology Park, Italy
- Jose Antonio Chica, TECNALIA Research & Innovation, Unit of Energy, Climate and Urban Transition, Spain
- Massimo Fabbri, Municipality of Prato, Italy
- Carolina Giraldo Nohra, EIT Climate KIC