

### **Dr Elma Durmisevic**

Dr. Elma Durmišević architect BNA, head of 4D Architects office in Amsterdam and founding director of Laboratory for Green Transformable Buildings in the Netherlands, holds a PhD at Delft University of Technology on Transformable Building Structures-Design for Disassembly in Architecture. As Associate Professor at the University of Twente, Durmisevic developed a master program for dynamic and sustainable buildings that introduced green engineering in industrial design of architecture. Durmisevic formed a consortium for the development and construction of an innovation platform for circular green buildings in The Netherlands and established Dutch national hub for circular buildings, is a member of number of juries and scientific committees, reviewer of scientific books and journals, EU expert on EU Urban Innovative Actions circular building project, leads development of EU Digital Deconstruction Platform for circular economy in construction, head of reversible building platform, has lead EU H2020 BAMB Reversible Buildings research. Durmisevic developed circularity tools assessing building's and products circularity such as reuse potential tool, transformation capacity tool including virtual simulator and Reversible BIM module.

As head of 4D architects, Durmisevic is architect of two EU circular building demonstration pilots which demonstrate implementation of reversible/circular building design approach in real construction projects as well as designer and developer of number of innovative reversible building systems and products.

Durmisevic developed reversible building measurement tools, design guidelines and protocols for circular buildings and advises EU cities and regions on circular building strategies.

