

# WASTE BUILD ZERO

**CONFERENCE**

**PROGRAMME**

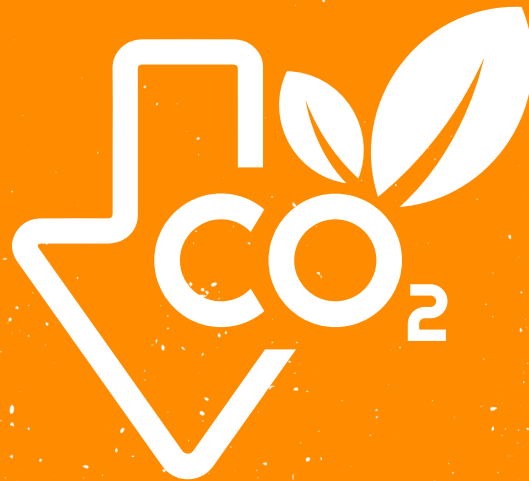
11-12 MAY 2023, NDSM, AMSTERDAM



PARTNER



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The WasteBuild Zero 2023 conference programme puts European projects at the heart of the discussion of how to significantly accelerate the transition towards zero-carbon construction. Be inspired by cutting edge but real-world regenerative solutions for your next project and take away tangible advice from leading design teams. Join architects, engineers, developers, contractor and end-users who are already designing 'waste' out of their building projects and are including future reuse into their designs.

IN PARTNERSHIP WITH



# DAY 1 | THURSDAY MAY 11

**09:00 EXHIBITION OPENS****10:00 HOI, WELCOME TO AMSTERDAM!**

*Frazer Stokes, Founder, WasteBuild Zero*

**10:05 CIRCULAR NEIGHBOURHOODS**

*Aga Biedalok, Research and Innovation Lead, Space + Matter*

**10:30 2030, TODAY**

The building sector accounts for 36% of the EU's carbon emissions and 40% of its CO2 emissions. Reflecting on the extraordinary years of a global pandemic that changed how people want to work and live, the committed pioneers on this panel make assessments on how emissions from buildings should be tackled. Get the latest roundup of cross-sector collaborations and new binding standards for buildings that have been or should be adopted to meet the EU's 2030 climate target. Of all the building value chain players, who do climate-friendly construction ultimately depend on? And why is place important to the emergence of a regenerative economy?

*Geanne van Arkel, Chair, BiomimicryNL*

*Marianne de Zeeuw, Director - Global Relationships, SOUR*

*Lasse Lind, Partner, GXN | David Cheshire, Sustainability Director, AECOM*

**11:20 SPACE HOUSE**

We hear the detail behind this sensitive refurb, extending the iconic Grade II-listed Space House in Covent Garden to create high-quality workspace and flexible retail, extending its life by another 50 years.

*Younha Rhee, Technical Director, Atelier Ten*

**11:50 NETWORKING BREAK****12:10 CIRCULAR PROJECTS**

Completed or in progress, these exemplary case studies have involved key WasteBuild Zero features: Rethinking, Reusing and Rebuilding. Get inspired by the circular projects where carbon has been saved, either embodied, in use, or by calculation in respect of future use.

**12:10 - 12:30** *Ramsey Yassa, Founding Director, NOOMA Studio*

**12:30 - 12:50** *Sabine Oberhuber, Co-Founder, Turntoo*

**12:50 - 13:10** *Noor Huitema-Hellemans, Co-Founder, Copper8*

**13:10 - 13:30** *Elma Durmisevic, Founding Director 4D*

*architects BV & Creator of Laboratory for Green Transformable Buildings (GTB Lab)*

**13:30 MEET THE EXHIBITORS | LUNCH | NETWORKING****14:30 REBUILD**

Examine the growing business case for refurbishment and rebuild with the innovators who believe that these are the best ways to achieve the net zero carbon targets. Hear them talk through their work in circular refurbishment, deep retrofit and innovative reversible buildings. How can buildings be brought up to modern energy efficiency standards without being entirely replaced and why must the whole-life carbon assessments be carried out for all building projects?

*Edward Marchand, Associate Director, Bennetts Associates*

*Thorsten Nölle, Director, ARGE BB07*

*Coert Zachariasse, CEO, Delta Development Nederland B. V.*

**15:20 WE NEED TO TALK ABOUT WASTE**

Join Kirsten for a special presentation to delve into Grimshaw's work with North London Waste Authority that comprehensively redevelops the Edmonton EcoPark to enable the generation of low-carbon electricity using waste, significantly expand recycling infrastructure for north London, and engender greater public knowledge and participation in waste streams, recycling and circular economies.

*Kirsten Lees, Managing Partner for Paris, Grimshaw*

**15:50 THE NEW ERA OF CIRCULAR DESIGN**

Buildings account for 37% of global greenhouse gas emissions, with construction materials losing around 95% of their value during demolition. Join Martin as he gives an overview of the Circular Buildings Design Toolkit launched by Arup and Ellen MacArthur Foundation, freely accessible for architects, designers and engineers around the world. You'll discover a practical framework and tools to optimise assets for circularity and have an opportunity to unpick the toolkit in detail.

*Martin Pauli, Associate Director, Europe Foresight Leader, Arup*

**16:20 SUSTAINABILITY PRINCIPLES**

Chris reveals the ideas and principles he and colleagues have developed at Foster + Partners to support sustainable design. Find out his perspective on the outcome of the COP27 and what it means for the build environment industry. What have been the lessons learned from their recent projects? What are the next steps likely to be?

*Christopher Trott, Partner and Head of Sustainability, Foster + Partners*

**17:00 MEET THE EXHIBITORS****18:00 CLOSE OF DAY 1**

## DAY 2 | FRIDAY MAY 12

### 09:00 EXHIBITION OPENS

### 10:00 STRATEGIES IN PRACTICE

From the range of experiences their tenants deal with and CBRE's experience operating its own office in the old refurbished garage, Tim has no shortage of expertise on how sustainable buildings benefit the end-users. He shares tips on what they are briefing design and construction teams to achieve and how that works out in practice. Marthijn Pool uses his experience in urban design and circular neighbourhoods to highlight how the built environment can - and should - be reimaged.

*Tim Habraken, Sustainability Director, CBRE Nederland*  
*Marthijn Pool, Co-founder, Space + Matter*

### 10:30 HOW THE UK IS DRIVING ITS ZERO-WASTE AGENDA

WasteBuild Zero is thrilled to be uniting architect and activist Duncan Baker-Brown with the recently appointed RIBA President Muyiwa Oki to discuss what RIBA and UK architecture in general is doing to accelerate the transition towards a circular, low carbon and regenerative built environment.

*Duncan Baker-Brown, Architect, Academic, Author & Environmental Activist, BakerBrown Studio & University of Brighton*  
*Muyiwa Oki, President-Elect, Royal Institute of British Architects (RIBA)*

### 11:20 CIRCULAR PROJECTS: SPOTLIGHT ON HOUSING

Completed or in progress, these exemplary case studies have involved key WasteBuild Zero features: Rethinking, Reusing and Rebuilding. Get inspired by the circular projects where carbon has been saved, either embodied, in use, or by calculation in respect of future use.

**11:20 - 11:45** *Mischa-Marah Wullems, Project Architect, Studioschaeffer*

**11:45 - 12:05** *Hans Hamminck, Associate Architect, de Architekten Cie*

**12:05 - 12:30** *Saskia Oranje, Partner, DOOR architecten*

### 12:30 MEET THE EXHIBITORS | LUNCH | NETWORKING LUNCHTIME IN SESSION DEMOLITION TODAY

What are the challenges and opportunities for circularity in demolition?

*Thijs Huijsmans, Senior Consultant on Circular Construction, Heijmans*

*Byron van der Reest, Operational Director, DCC - Demolition Contractors & Consultancy*

### 13:30 MATERIAL SELECTION IN THE AGE OF PLANETARY CRISIS

'Our choice of building materials defines our commitment to low carbon construction,' says Martha Lewis, an advocate for green change in the Danish building industry. Drawing on The Construction Material Pyramid and the Henning Larsen Carbon

Catalog, both offering an overview of CO2 impacts, Martha will share top tips on the selection of building materials in the age of planetary crisis. For example, status on the Danish digital material pass, and why the industry needs it to navigate health and environmental challenges.

*Martha Lewis, Head of Materials, Henning Larsen Architects*

### 14:10 ACCELERATING MATERIAL REUSE

Get an update on different materials sectors and where they have reached on the road to zero carbon. How to reuse materials and design for future flexible buildings? What are the main constraints in innovating circular materials and how they can be overcome?

This debate delves into the recycling drive in the cement and concrete sectors, demountability and melting down for re-manufacture, and the extent to which any material is 'virtuous'.

*Ana Quintas, Lead Built Environment, EMEA, Cradle to Cradle Products Innovation Institute*

*Stephanie Crombie, Head of Sustainability, Morrow + Lorraine Architects*

*Thomas Kraubitz, Director and Head of Sustainability and Climate in Europe, Buro Happold*

*Loretta Bosence, Co-director, Local Works Studio*

*Jan Jongert, Partner and Architect, Superuse Studios*

### 15:00 THE FUTURE OF STEEL REUSE

Take a look at steel production and what's in store going forward with Steve, a pioneer of the transition to a net zero steel industry. As the world's largest materials industry, what are the possibilities of steel reuse and how do we overcome the challenges? While the demand is growing in Europe for green or zero carbon steel, get ahead of the game on the biggest trends and what to expect from the industry in the near future.

*Steve Gilchrist, Project Director, Grosvenor*

### 15:30 CONCRETE IN SUSTAINABLE CONSTRUCTION

As the world's most used material after water, Andrew believes concrete is uniquely placed to help the world transition to clean energy. In his talk and extended Q&As session with the audience, he examines concrete's lifecycle and its role in the circular economy. How does concrete modernise the construction sector and help the world to transition to clean energy?

*Andrew Minson, Concrete and Sustainable Construction Director, The Global Cement and Concrete Association (GCCA)*

### 16:10 CLOSING REMARKS

*Frazer Stokes, Founder, WasteBuild Zero*

### 16:15 MEET THE EXHIBITORS

### 17:00 CLOSE OF WASTEBUILD ZERO 2023