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June 2020 Newsletter

Welcome to the first CIRCuiT quarterly newsletter which is filled with news and updates from across the project.

Each newsletter will provide insights on how the project aims to bridge the gap between theory, practice and policy, bringing you the latest on demonstrations, case studies, events, and other dissemination activities. We're proud to be a pan-European project with partners in London, Hamburg, Copenhagen, Helsinki and beyond, so some of the links from our stories may take you to resources in German, Finnish or Danish.

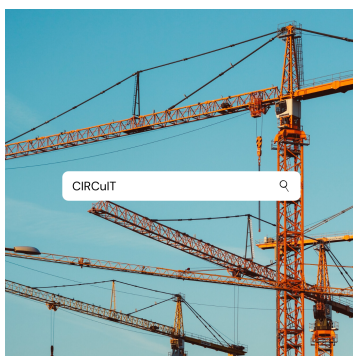
Please share with others in your network who are interested in circular building practices and [invite them to sign up](#).



[Click here to download a PDF version of this newsletter](#)



Project updates



We've launched the CIRCuiT website!

Our shiny new website is where you can find everything you need to know about the CIRCuiT project, including our project and city partners and detailed information about each focus area. New insights will also be regularly shared through the news, blogs, and reports section.

To visit the site, [click here](#)

City events – Circular Economy Week London



CIRCuiT held its first major London event, Circular construction – Building regenerative cities by bridging the gap between theory, practice, and policy – during #CEweekLDN at the beginning of June. The event, which took place entirely online, attracted over 1,350 viewers throughout the day. As well as presentations on CIRCuiT's three focus areas, we also explored how to facilitate material exchanges, what makes a building obsolescent and metrics for circular construction.

If you missed any of the keynotes, panel discussions or break-out sessions, you can catch up on the #CEweekLDN website catch-up page, [here](#)



First CIRCuiT demonstrator in Hamburg announced

Otto Wulff, a general contractor headquartered in Hamburg, has announced that they will start construction of a prototype building in mid-2021 that will include at least 20% recycled concrete.

The first concept note for this groundbreaking project has been created by Otto Wulff, who envisage the building as being a multiple-use, flexible space incorporating residential properties, catering, and social facilities. To ensure sustainable materials are used throughout, architects and specialist planners experienced in recycling, re-use, and sustainable building approaches will be leading the project.

To get in touch or for further information please contact info@otto-wulff.de



Latest blogs

CIRCult: The Horizon 2020 project aiming to catalyse circular construction at a city scale

Andrea Charlson from LWARB talks about how circular construction at city scale can help tackle the climate emergency and how CIRCult aims to provide opportunities to accelerate the process within Europe.

[Read here](#)

Harnessing data to build circular cities

What is the relevance of mapping data flows within the built environment? How can it help us address high levels of resource inefficiency within the industry? These are questions that Ben Cartwright from BRE covers in this blog on the important role that data plays within the future of building circular cities.

[Read here](#)

The most sustainable building is the one you don't build

Using what we have in order to recreate, refurbish, and transform buildings is a key element of building circular cities. Satu Huuhka from [The Tampere University](#), Finland, addresses this in her blog and considers how we can harness resources and gain the insight needed to ensure the industry thrives using circular methods.

[Read here](#)



CIRCult events

9h September 2020

Webinar: Building a circular economy – why we need to collaborate in order to succeed

Our CIRCult partners in Helsinki Region are pleased to invite you to a webinar in collaboration with two other EU projects, WOOL2LOOP (funded by Horizon2020) and HYPPY (funded by ERDF) – all about the benefits and practice of collaboration in circular construction.

We'll be discussing topics such as the value chain of recycling demolition

waste; geopolymer technology for the development of mineral wool waste; analysis of stock and insights into the demolition and construction of buildings in Vantaa, Finland; and investigations into flexible construction techniques.

Join us to hear the latest project updates and to network with other innovators and circular construction experts in Helsinki region.

For more information and to register, please contact Henna Teerihalme - henna.teerihalme@hsy.fi

(Please note that this event will be conducted in Finnish, except for the presentation by Mario Kolkwitz which will be in English.)

Related news

UKGBC 'How to' guide: Re-using products and materials in built assets

Wanting to re-use more materials in your construction projects? This guide, developed by CIRCulT partners and UKGBC members, with support from the wider industry, is free to download for project managers and teams looking for practical steps to apply re-use to construction projects during the design and construction stages.

To read the guide, [click here](#)

CIRCulT team leads EC working group on circular economy

As part of the European Commission's City Science Initiative (CSI), Hamburg's CIRCulT team was recently given the task of leading the initiative's Working Group on Circular Economy; so together with the Joint Research Centre, the City of Hamburg organised a virtual workshop on 25th May on circular economy, science, and the built environment.

Ideas were shared by representatives from the European Commission, research institutions and four European cities in a workshop which tackled cities' circular economy-related needs, challenges and best practices and investigated the role that science can play in addressing those challenges and needs in cities. The workshop featured 18 speakers and around 100 participants from over 15 countries, highlighting what interest there is amongst a wide audience for these kinds of topics. CIRCulT will remain engaged with the City Science Initiative's activities, make sure that our networks keep talking and share the good practice learned through this newsletter and beyond.

To read an event report and download presentations from the day, [click here](#)

Technische Universität Hamburg explores demolition and recycling opportunities at Fachtagung Abbruch | Berlin

CIRCuiT's higher education partner in Germany, Technische Universität Hamburg, took part in a major event on 28th February looking at deconstruction and materials recycling in the construction industry. Experts and practitioners discussed current and future challenges in the industry in the speaker sessions, and more than 100 exhibitors presented a wide range of innovative and specialised equipment to help with tasks such as pre-sorting, crushing building debris and loading trucks – all of which is designed to improve the efficiency of demolition.

Topics included ways of using 100% recycled aggregates in new buildings, innovative methods for removing hazardous materials and how to recycle HBCD-containing polystyrene foam.

The event showcased improvements in the German construction and demolition sector, including changes in policy which have had a positive impact; but also highlighted a growing need for specialist education to build the skills required to make demolition and deconstruction more sustainable. A lack of relevant curriculum content at universities, and the fact that waste management practices at both national and local level are lagging behind what's achievable, means that there is still room for improvement.

This event has definitely informed our thinking on the CIRCuiT project, and has grown our network – so we will keep you updated on progress and outcomes in this specialist area in future newsletters.

For more information - [click here](#)



CIRCuiT - Circular Construction in Regenerative Cities - is a collaborative project involving 29 ambitious partners across the entire built environment chain in Copenhagen, Hamburg, Helsinki Region and Greater London. Funded by the European Commission's Horizon 2020 programme, the project will support the creation of regenerative cities by implementing sustainable and circular construction practices.

Please share with your networks using the links below





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821201.

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