



## May 2021 Newsletter

With Spring emerging across Europe and restrictions slowly lifting we have been breathing a new lease of life into our project activities - we have welcomed two new project partners and refreshed our website. We have recently published two reports on data and metrics, with more planned in the next two months. Our engagement activities have continued with a variety of hackathons taking place across Europe, and we look forward to these being face-to-face shortly. Behind the scenes, we have been busy liaising with city officials to help shape our activities and have been starting to implement innovative solutions in our demonstrator projects. As always to stay up to date with all our project news and events follow us on [Twitter](#) or [LinkedIn](#).



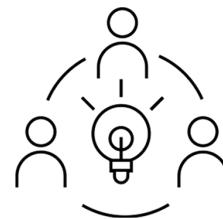
[Click here to download a PDF version of this newsletter](#)



## Project updates

### CIRCuiT has a shiny new website!

We've been busy over the past few months updating our website, giving it a brand new look and feel. The freshly refurbished site provides many more insights on the project and circular construction, including city profiles for each of our partner cities: Copenhagen, London, Hamburg and Helsinki Region.

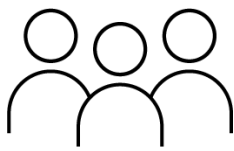


We hope you love it as much as we do and it continues to be one of your go-to resources for circular construction news and information.

To check out the new site, [click here](#)

Please share with your network using the links below





## The CIRCuIT network expands, adding two new partners to its consortium

We are delighted that the CIRCuIT consortium has grown to 31 partners, as two new Finnish partners, [Ramboll](#) & [Umacon](#) join the project.

Ramboll's Helsinki based team will bring a unique combination of technical excellence and socio-economic insights that are key to supporting the *Flexible construction* focus area within the CIRCuIT project.

Umacon is focused on machine and construction demolition work and brings with them a wealth of knowledge invaluable for our *Urban mining* and *Information sharing* focus areas.

We welcome both partners to our consortium, looking forward to the collaborations and all they bring to the CIRCuIT project.

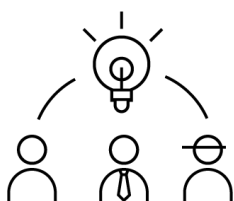
## How can we evaluate circularity within a city?

[BRE](#) launch the CIRCuIT report, *[Recommendations on circularity indicators for a circularity dashboard](#)*.



The report summarises the work completed so far on indicators needed to create a circularity dashboard, a platform that allows decision-makers and urban planners to evaluate a city's or area's circular performance. It provides an overview of the methodology used to establish a set of indicators at a city level. This is based on a comprehensive literature review, incorporating the needs of the CIRCuIT project, as well as the findings from our, *[Recommendations for improving the capture of material flow data in the built environment](#)* report, and stakeholder engagement. This report provides a list of recommended indicators, designed for use by a range of actors with influence over the circularity of built environment material flows.

To read the full report, [click here](#)



## Hackathons, hackathons, hackathons ...

There has been a lot of hackathons happening since our last update!

Since January, CIRCuIT partners in Copenhagen and Helsinki region have been busy planning and hosting a variety of different hackathons to develop flexible construction and material use solutions.

[City of Copenhagen](#) held a 'Circular Design Camp' event during which two groups of students worked on developing, conceptualising and prototyping an alternative to a partition wall by either hacking the known solution or proposing an alternative system. After three workshops, the winning group came up with the concept "Plug'N'Wall". The modular wall system incorporates available market-ready products and can be disassembled to allow for future use of the wall and its materials. To read more about the event and the other groups' ideas, [click here](#).

Finnish partner, [HSY](#), with the [Ministry of Environment](#) and the [HYPPY project](#), held a series of 3 events during which 28 students from 6 architecture and structural design universities were asked to brainstorm scalable, new ideas for reusing the building components from Hqämeenlinnan apartments. The winning concept "Loft upcycled" designed by 3 [Aalto University](#) students uses recycled concrete to build partition walls and floors within lofts, resulting in a smaller carbon footprint compared to newly-built wooden structures. The results of the hackathons and the winning ideas will be presented in the next local networking event of Helsinki Region on June 1st. To sign-up for the event, [click here](#)

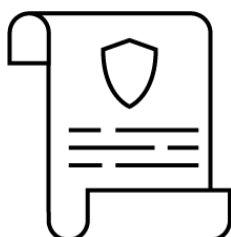
Want to stay updated on CIRCuiT activities in each city? [Sign up to our mailing list](#)

### How can data be used to shape circular economies in cities?

[BRE](#) launch the CIRCuiT report, [Recommendations for improving the capture of material flow data in the built environment](#). This report investigates the availability and quality of data in four cities and provides recommendations for how data could be improved or applied more effectively. Its essential reading is for practitioners, researchers, policymakers and other key stakeholders working towards a circular economy of built environment materials within cities.



To catch up on the event, you can watch the webinar, [here](#).



### CIRCuiT partner, LWARB rebrands to ReLondon

Our lead London partner, [ReLondon](#) (formerly known as London Waste and Recycling Board, LWARB) gets a new name in response to the need for greater awareness of how the circular economy can help to tackle climate change.

"With the UK preparing to host COP26, this is a critical year for climate action – and the circular economy needs to be high on

the agenda for everyone, with London leading the way.”

“Our new positioning responds to stakeholders and partners telling us they want us to have a clearer and simpler story to tell. We have evolved significantly as an organisation over the past 12 years – and as ReLondon, we’ll be better able to make London a global circular economy leader by revolutionising our relationship with stuff and helping waste less and reuse, repair, share and recycle more.” - Wayne Hubbard, CEO, ReLondon

To have a look around their shiny new website, [click here](#).



## CIRCulT events

[Imperial College London](#) to host the first CIRCulT Summer School in July 2021. The one-week school is aimed at students from engineering, architecture, design, construction and other related subjects of study or practice. The school will explore circular construction concepts including urban mining of materials, extending lifecycles through transformation and refurbishment, designing for disassembly and flexible construction and the role of governance in supporting circular solutions.



For more information including the event schedule and to apply, [click here](#).

---

[Clear Village](#) are currently running a hackathon for designers exploring building materials that are typically headed for landfill.



For more information on how to get involved and to stay up-to-date with their activity, [click here](#).

---

[ReLondon](#) hosts Circular Economy Week 2021: a week of events to showcase and celebrate the work being done to tackle the climate crisis. For more information on the week-long event and ways of getting involved, such as hosting an event on circular construction, [click here](#)



---

[HSY](#) is hosting an event that will provide an update on the latest information on the circular economy in the Helsinki metropolitan area. In addition, there will also be an opportunity to network with other actors within the industry.



For more information such as the agenda and to sign-up for the event, [click here](#)

Please note: this event will be held in Finnish.

Please keep an eye on the [CIRCuiT website](#) and [sign up to our newsletter](#) to make sure you never miss an event!



## In case you missed it..

---

### **CIRCuiT launches reports on the material flow of data**

#### ***State of the art on material flow data in the built environment, report.***

Authors: Kaia Small Warner, Ben Cartwright, Tom Jennings, Gilli Hobbs ([BRE](#))

Following an extensive mapping of each of the four CIRCuiT cities' material data ecosystems, a new report, *State of the art on material flow data in the built environment*, has been published and is now available to view.

To download the summary and full report, [click here](#)

### **Please share with your networks using the links below**



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.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 621201.

*Copyright © 2020 CIRCuiT, All rights reserved.*