

CIRCUIT



July 2021 Newsletter

As we settle into the summer holidays we have lots of exciting news to share with you. We have published several [resources](#) looking at planning policy, transformation potential and sourcing reclaimed materials. We've also held a number of events in London, Hamburg and Helsinki, lots of which you can catch up on via our new [YouTube channel](#). And finally, our project partners have been working on a range of demonstrator projects and developing the first element of the Circularity Hub, the [Citizen Engagement Portal](#). Over the next few months, we will be making more progress on our demonstrators' projects so watch out for more updates on those and the launch of the [Circularity Hub](#) this Autumn.

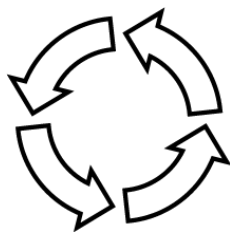
To always stay up-to-date with project news and events, follow us on [Twitter](#) or [LinkedIn](#).



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Project updates



CIRCuIT report assesses how we can identify buildings for life-cycle extension

CIRCuIT partners across the four cities - [Copenhagen](#), [London](#), [Hamburg](#) and [Helsinki region](#) - identified buildings at risk of demolition in each city and assessed their potential to adapt and transform. [In this report](#), they present their findings and provide insights into the individual methodological approaches they used to help other cities to become more circular.

During the next steps of the CIRCuIT research project, the partner cities will develop transformative design strategies to guide planners and architects in using the newly-gained knowledge presented in this report.

To read the report (Satu Huuhka: Tampere University), [click here](#)

Urban planning policy: new report explores circular economy opportunities

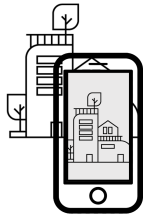


In this publication, CIRCuIT explores the possibilities the four city administrations – [Copenhagen](#), [Hamburg](#), [Helsinki region](#) and [London](#) – have for including requirements for circular economy and construction in their urban planning policy instruments and procedures. It identifies a wide range of potential legislative, fiscal and communication policies to promote the reuse and recycling of building products and materials, adaptive reuse and refurbishment, and design for disassembly.

To launch the report, CIRCuIT and [C40 Cities](#) held a [webinar](#), *How can planning policy drive a sustainable built environment?* Andrea Charlson, CIRCuIT Lead at ReLondon, presented findings from the recent report, *Circular economy in urban planning and building permits – possibilities and limitations*, followed by Kathrin Zeller and Tessa Devresse from C40 Cities, who provided a review of existing city policy examples.

To watch the webinar, [click here](#)

To download the full report (Katherine Adams and Andrea Charlson: ReLondon and Building Research Establishment), [click here](#)



CIRCuIT launch AR app to showcase circular buildings

CIRCuIT partner [Grimshaw Architects](#), with support from [ReLondon](#), [HSY](#), [City of Copenhagen](#) and [Hamburg](#), has developed an augmented reality app that allows your mobile phone to animate buildings, spotlighting their innovative circular features.

The first version of this amazing app, otherwise known within the project as the 'Citizen Engagement Portal', was showcased recently at Hackney Depot, London, a revived building on top of an operating bus garage that has been transformed into a light, industrial space for use by makers, designers and artists.

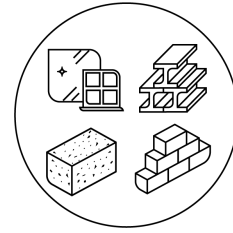
To experience this augmented reality for yourself and for more information, [click here](#).

We also welcome your feedback as we make improvements to the app and include more buildings from Hamburg, Copenhagen and Helsinki region.

We hope you're as excited as we are about the potential for AR to engage the public in circular construction! We'd love to hear

your thoughts if you do have a go on the app - [send us an email](#) or connect with us via [Twitter](#) or [LinkedIn](#)

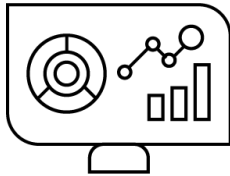
ReLondon publish guide to sourcing reclaimed materials



As part of CIRCuIT's [urban mining workstream](#), the London cluster has collaborated with [Grosvenor](#), a property management company that develop, manage and invest in property, and a range of partners within the circular construction industry to explore how to incorporate more reclaimed materials and components within new building developments. As part of this collaboration, [ReLondon](#) has explored how to source reclaimed materials and summarised what they have found into a guide.

Within [the guide](#), you'll find options to source reclaimed materials and how to integrate them into the project development process, plus a number of profiles of retailers and exchange platforms available in London.

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



CIRCuIT has a YouTube channel!

We've been busy updating our new YouTube channel with a variety of project activity from over the past year so you never have to miss out!

Expect to find circular construction content such as:

- [ReLondon's #CEWeekLDN event](#) focusing on transformation, reuse and policy
- HSY's latest event on circular construction activities in Helsinki region, [Helsingin seudun ympäristöpalvelut](#)
- BRE's recent [report webinar](#) on, *Recommendations for improving the capture of material flow data in the built environment*

Make sure you don't miss out on new content & [subscribe now](#)



Latest blogs

Precast concrete buildings given a new life by Helsinki hackers

Helsinki Region's circular economy is built together

How do you develop new ideas for reusing concrete building components?

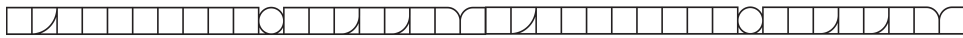
Our CIRCuIT partners in Finland, [HSY](#), along with the [Ministry of the Environment of Finland](#), the [HYPPY](#) project and real estate company [Hämeenlinnan asunnot Oy](#), recently put this challenge to 28 university students from six universities in a series of three hackathons. But who won the trophy and why?

[Read here](#)

The latest project updates from CIRCuIT in Helsinki Region.

This blog covers the latest event hosted virtually by [HSY](#) and the [Finnish Green Building Council \(FIGBC\)](#), and provides project updates; research topics such as demolished building types, quantifying building material flows and reserves on a city level; plus, an introduction to innovative circular projects such as [ICEBERG](#) and [ReCreate](#).

[Read here](#)



In case you missed it..

ReLondon hosts Circular Economy Week 2021

The week-long [event](#), dedicated to showcasing and celebrating work being done to tackle the climate crisis, featured a keynote at the launch event Mike Berners-Lee, author of "How Bad Are Bananas? The Carbon Footprint of Everything" and "There is no Planet B".

To catch up on this keynote session and events such as *Building with circularity in mind*; *Pre-development audits as part of a circular built environment*; and *How can planning policy drive a sustainable built environment?* [Click here](#)

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Forward



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 821201.

