

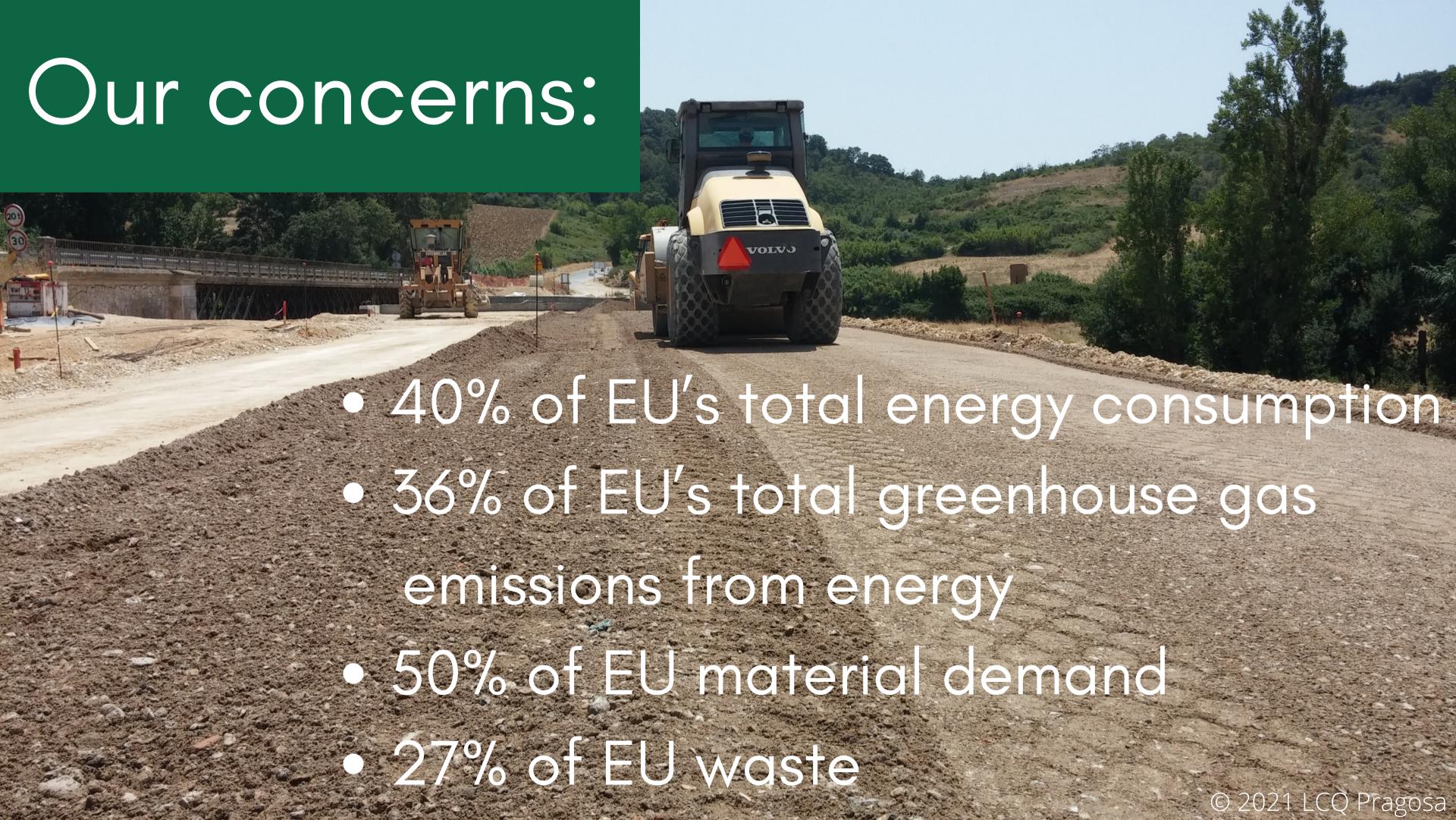






Our reference point
The overarching aim of the European Green Deal is for the European Union to become climate neutral by 2050. It has goals extending to different sectors, including construction.

Construction sector is among the biggest contributors to greenhouse gas emissions that are responsible for climate change. Circular construction can contribute to decrease them.





Our motto

Working together to make the future of circular building cities possible, in a way that's accessible to everyone, and sustainable above all.



Our definition

Circular economy is an economic system that targets zero waste and pollution throughout materials' lifecycles, applying to all involved sectors.



What? Why? How?

What?

Circular building cities – URGE, deriving from 'cirUlaR buildinG citiEs', is an Action Planning network on circular economy in the construction sector – a major consumer of raw materials.

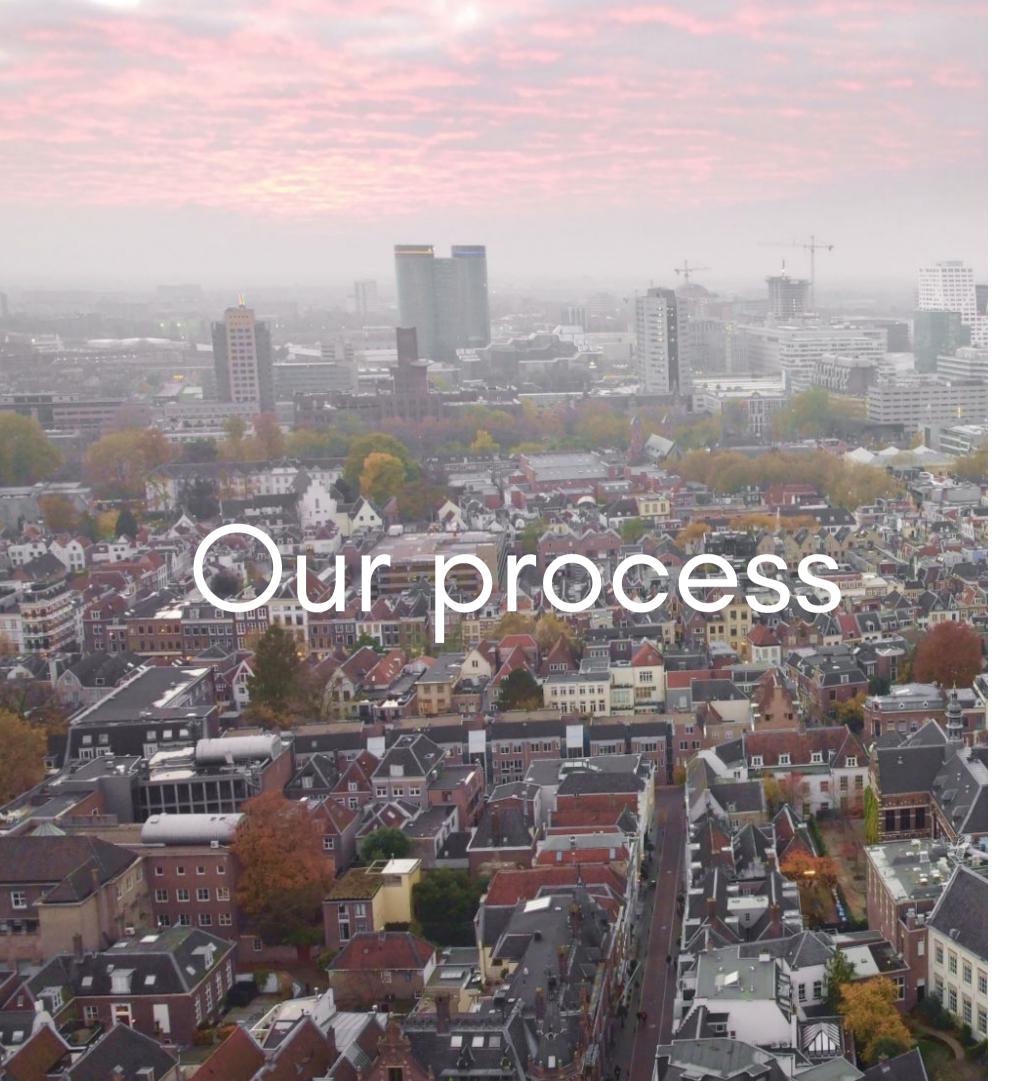
Why?

There is a gap in circular economy principles' implementation in the building sector.

How?

Through participatory process, international exchange of knowledge and following an integrated approach.





STEP 0:

Baseline analysis

SEP 2019 - MAY 2020



STEP 1:

Activation

Roadmaps

MAY 2020 - DEC 2020



STEP 2

Action Plans' preparation

Action Plans' preparation

DEC 2020- DEC 2021



STEP 3

Planning Implementation

Small scales activities implementation and evaluation/ Planning impementation - Update of the Action Plans and finalisation

DEC 2021 - JUN 2022



STEP 4

Finalisation of action plans

Finalisation of the Action Plans, communication and promotion of results

JUN 2022 - AUG 2022







Geographic presence



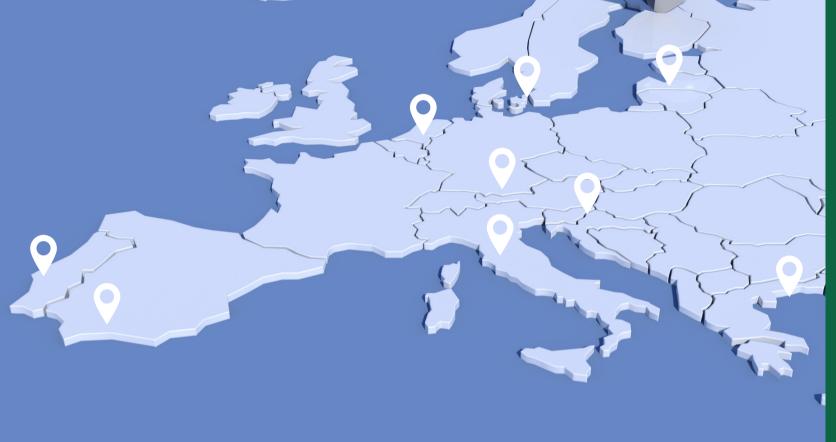
INTERMUNICIPAL COMMUNITY OF THE WEST (OESTE)

Population: 363,551 Level: regional



GRANADA Population: 231,775

Level: local





UTRECHT/LEAD PARTNER

Population: 361,742

Level: local





COPENHAGEN Population: 638,147

Level: local



RIGA Population: 614,618 Level: local



NIGRAD (MARIBOR) Public utility company Population Maribor: 113,000



PRATO Population: 201,410 Level: local



MUNICH Population: 1,560,000 Level: local



KAVALA Population: 70,501 Level: local



URGE partners prioritised Awareness raising (Better knowledge) four major themes of ocus, togethe Circular Methods and building cities Governance constituting the base infrastructure needed for circular building cities Materials and natural resources

Main outputs



1 Baseline study

4 Small Scale Actions

9 Integrated Action Plans

6 thematic reports

4 articles

14 digital site visits and 10 city videos

1 publication in Scientific Journal

9 case studies

10 interviews

10 city videos

1 Final Network Product



Awareness raising (better knowledge)

Build capacity on circular economy and circular constructions through collaborations with universities and associations of engineers

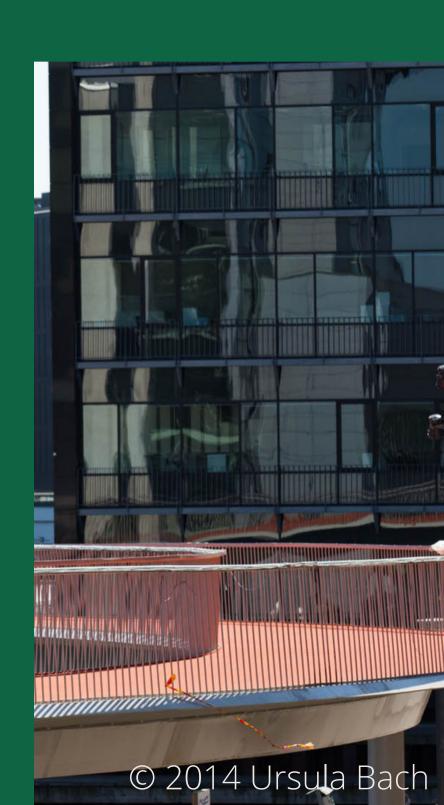
Engage citizens and stimulate behavioural change through visual, creative and positive communication

Collaborate with the private sector for building of trust and provision of incentives to boost demand of secondary materials





Case study from Copenhagen





Recommendations Methods and infrastructure

Raise the need for **regulations** and **technical standards** that promote circular economy to different levels of government

Use platforms to map flows and to link supply and demand

Planning and process: reserve enough time, keep track on progress, use multidisciplinary and integrated approach





Thematic article on mapping of flows, Oeste





Case study from Utrecht





Recommendations Methods and infrastructure





Case study from Riga





Case study from Kavala

Raise the need for material exchange points, recycling units and material banks as a means for linking supply and demand

Develop of a set of circular economy criteria integrated in public procurements





Governance





Thematic article on governance, Prato





Case study from Granada Put forward a **strategic vision**, also in collaboration with regional and national levels

Joint agreement of municipal departments on circular economy implementation – breaking of silos

Involve end-users, citizens, private companies and other stakeholders

Design integrated policies - fight fragmentation





Governance





Thematic article on roles and different perspectives, Copenhagen





Thematic article on standardisation and legislation, Munich

Assign roles and responsibilities among actor of the value chain

Introduce a city resolution, agreeing to test practices, methods, materials through pilot projects





Materials and natural resources





Case study from Maribor (Nigrad)

Put forward selective demolition and design for disassembly

Test and introduce technical specifications of recycled concrete in view of upcycling

Put forward biobased constructions

Circular reuse of water and soil in construction sector



Annex I: Actions included in URGE Action Plans Most common actions (more than 4 URGE cities developed them in their IAPs):

- Develop circular economy trainings for professionals or civil servants
- Facilitate taxes / regulations / incentives / policies for circular economy
- Include circular economy criteria in public tenders
- Develop a circular district / recycling hub / eco centre
- Establish a framework to promote the use of secondary materials (including construction and demolition waste) and other circular materials
- Establish a construction and demolition waste management system / (digital) infrastructure



Annex I: Actions included in URGE Action Plans Other actions developed in URGE IAPs:

- Develop a circular economy catalogue / best practices manual
- Develop awareness campaigns for circular economy
- Map the flow of materials and waste
- Improve circular economy capacity / expertise of relevant stakeholders
- Develop circular economy (awareness) courses at universities
- Close the loop, linking supply and demand
- Establish a specific office related to circular economy
- Involve stakeholders early-on in process
- Nurture a strong network
- Incorporate circular economy principles in renovation and construction







Annex II: URGE outputs: https://urbact.eu/urge

Annex III: Template for a City Resolution: www.muenchen.de/urge



