

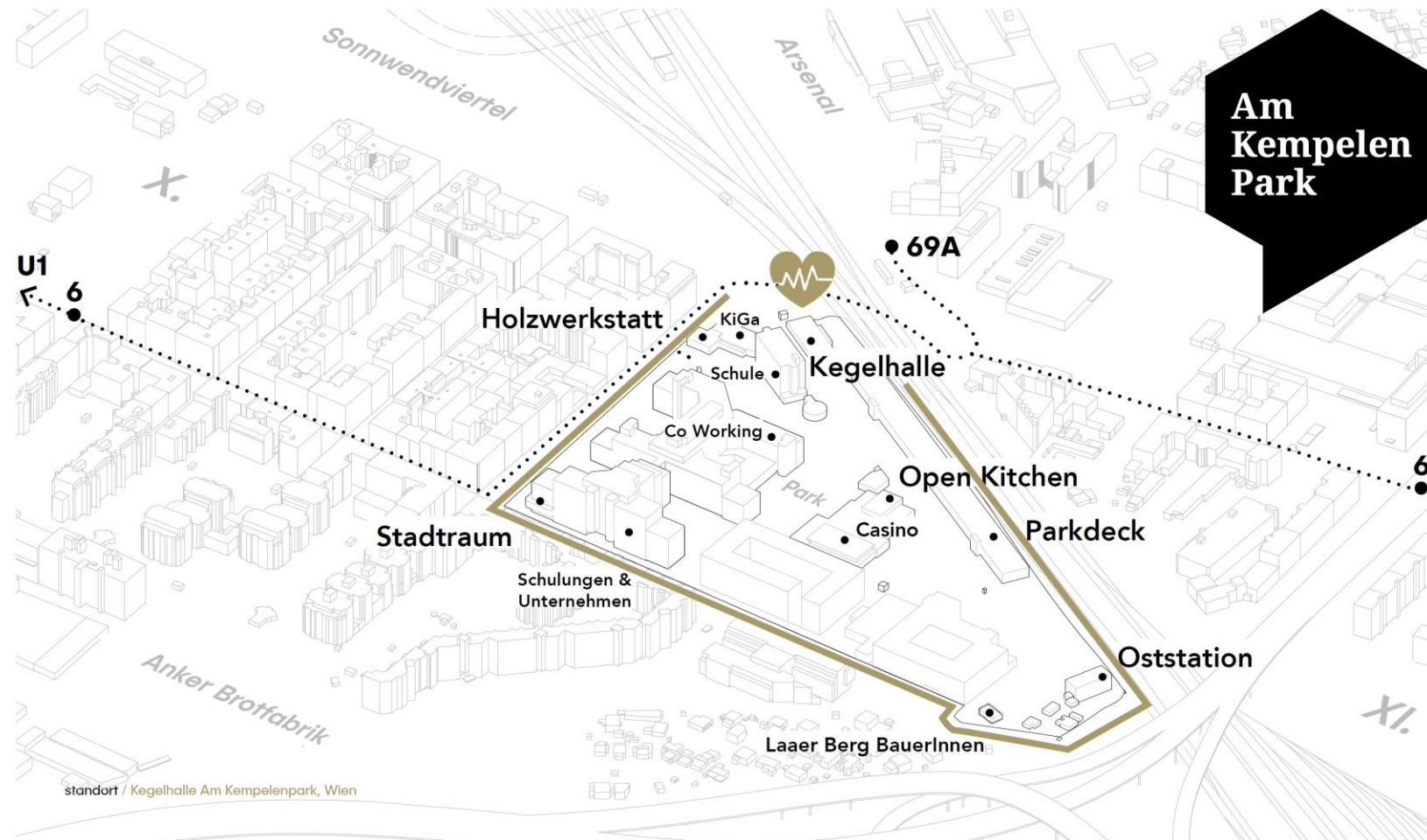
#EUCircularTalks

Construction and Infrastructure value chains and materials  **materialnomaden**  
circular design & architecture



# Source as inspiration

our task is to create circular design & architecture processes, products  
and projects

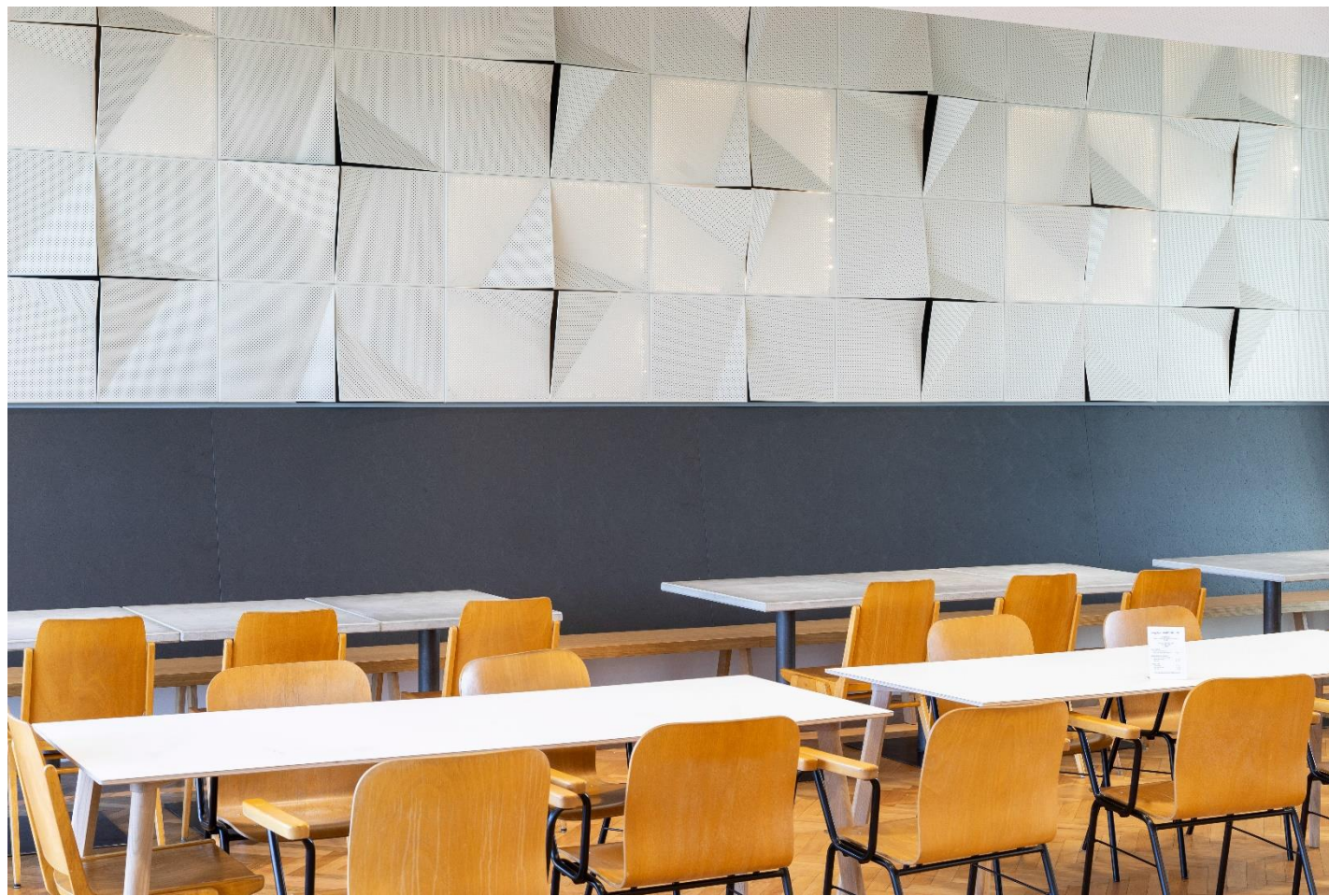


run an innovation lab in vienna to fulfill the circularity in practice

#EUCircularTalks

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design and develop re:use products > limited edition design





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in our workshops for wood & metal we assemble prototypes; 1:1 mockups and models

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the source is our inspiration – the source for our ideas



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inspired by the components and materials which are already produced

aufbereitung



Das elektrische Betriebsmittel  
für LED-Röhren

Patentanmeldung EP3211968A1  
Gebrauchsmuster GB 8026/2017  
WIPO-Märke: 1152175, ÖVE 86812-001-00, TÜV 1413-PS17-009-Z

added value to the primary product resource, ... energy inside the products, each piece tells a story



re:use  
Wandziegel



**Maße (bxbxh):** 29 x 14 x 6,5 cm  
**Lagerbestand:** 1.000.000 Stk.  
**Material:** künstlich hergestellter  
 Mauerstein, altösterreichisches  
 Format  
**Gewicht:** 0,66kg/dm<sup>3</sup> bis 2,4kg/dm<sup>3</sup>

Zubehör: Fugenmasse mit einer  
 Stärke von 0,5-1,75cm  
 Zusatzinfo: vermutlich Binderverband  
 im Keller und wilder Verband im  
 Dachgeschoss, tragende und  
 ausstehende Mauern mit einer Stärke  
 von 44cm, trennende Mauern mit  
 einer Stärke von 14cm

produktinformationsblatt | 16.02.2021

**Vertrieb:**  
 materialnomaden.at/store  
 info@materialnomaden.at  
 0043 664 5677474

**Quelle:**  
 Re:use Gudrunstraße

materialnomaden



owner of the material is the enabler, he wants to get rid of something, disposing causes costs



nondestructive dismantling for the same costs as destructive dismantling – as long as there's no must and regulation on the market



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the source can become the popup component store – therefore we build a cube, a showroom, a sample recovery



- raising awareness is so important as the processes are not common yet
- making the samples visible also happens through the re:store



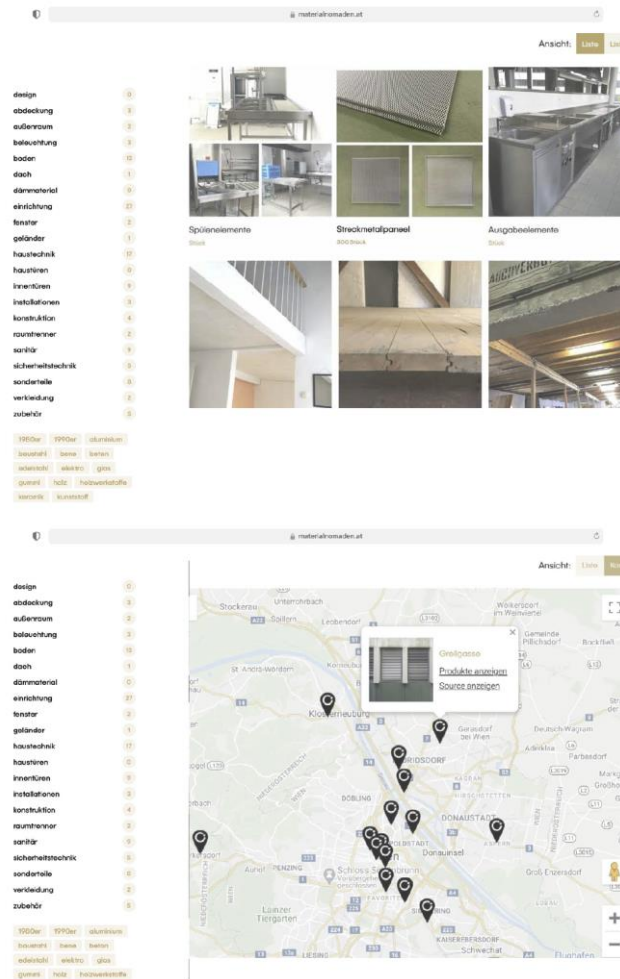
re:store [HarvestMAP]



Abb: Gewinnerin IÖB challenge  
Plattform für eine kreislauffähige  
Baukultur (Januar 2021)



the re:store is a B2B marketplace for re:use components, we run our re:store locally in vienna, austria



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standardizing processes on the one hand, to respond to individual requirements



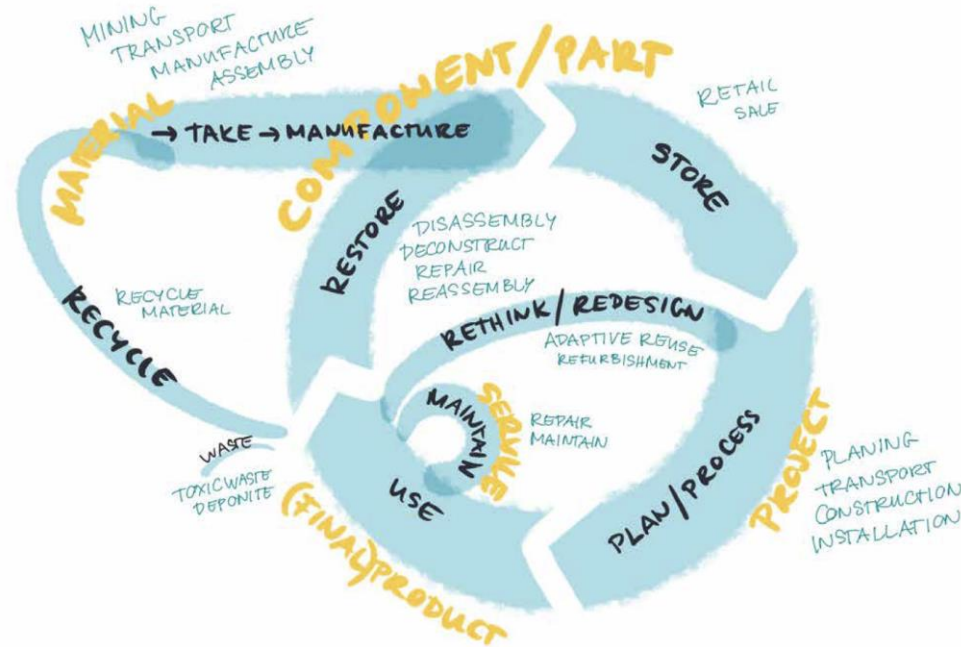
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means a combination of new technologies (such as AI where possible, measuring with photogrammetry, constructing with hololens) and manual techniques (such as wooden removal junctions, links, connection, or surface treatments)



a wide range of interdisciplinarity makes this challenge so fascinating and accompanying we are using a CO2 assessment tool, therefore also regulatives and pricings are necessary to become capable of competing conventional construction methods the market will demand responsible operating owners, clients and manufacturing companies