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SUSTAINABLE,  
TOGETHER:

*Life*

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EUROPEAN  
BAUHAUS

#NewEuropeanBauhaus

# LIFE20 NGO/BE/200017

Gonzalo Sánchez

European Environmental Bureau



**EEB** European  
Environmental  
Bureau



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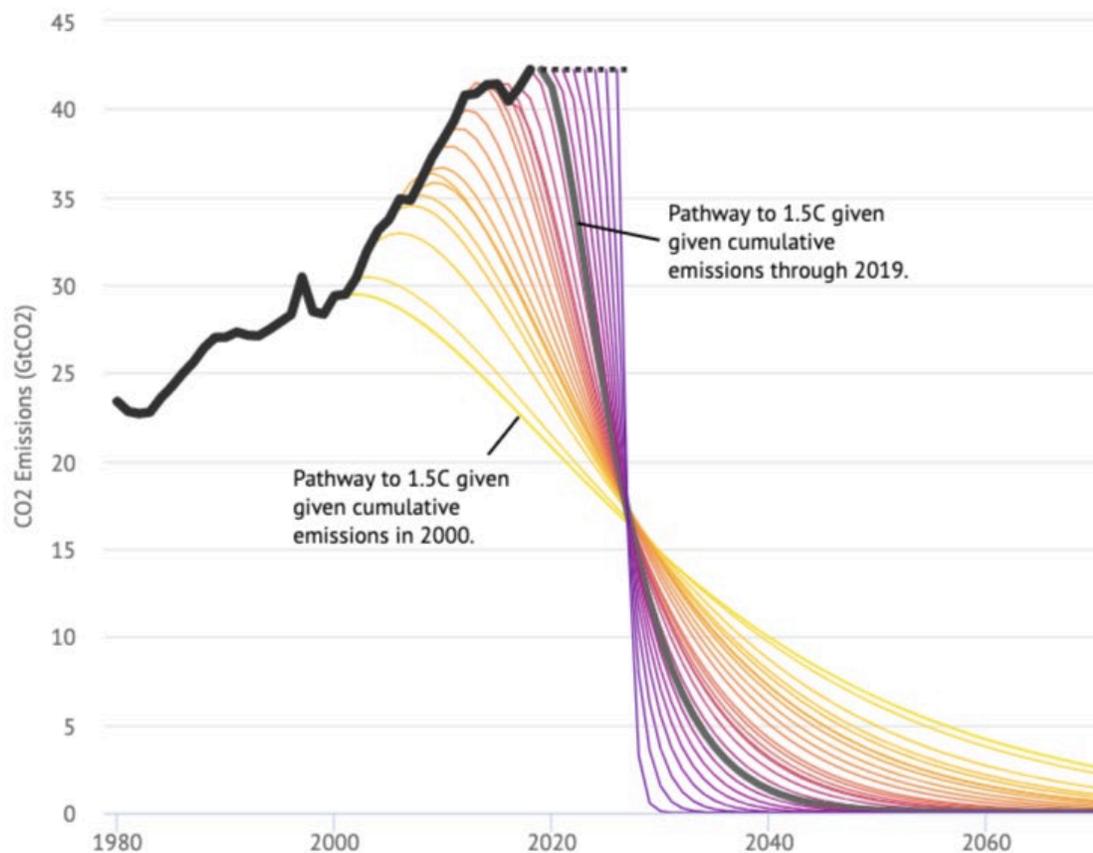
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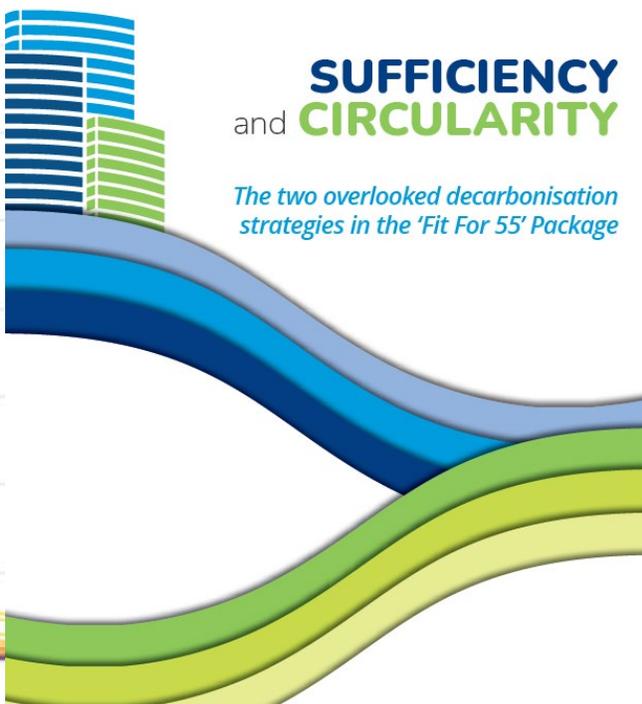




# LIMITING GLOBAL WARMING TO 1.5 DEGREES



Source: Carbon Brief/ Robbie Andrews  
<https://www.carbonbrief.org/unep-1-5c-climate-target-slipping-out-of-reach>



and **SUFFICIENCY**  
**CIRCULARITY**

*The two overlooked decarbonisation strategies in the 'Fit For 55' Package*

Source: Y. Saheb, Sufficiency and Circularity. The two overlooked decarbonisation strategies in the 'Fit For 55' Package. Editor: EEB 2021



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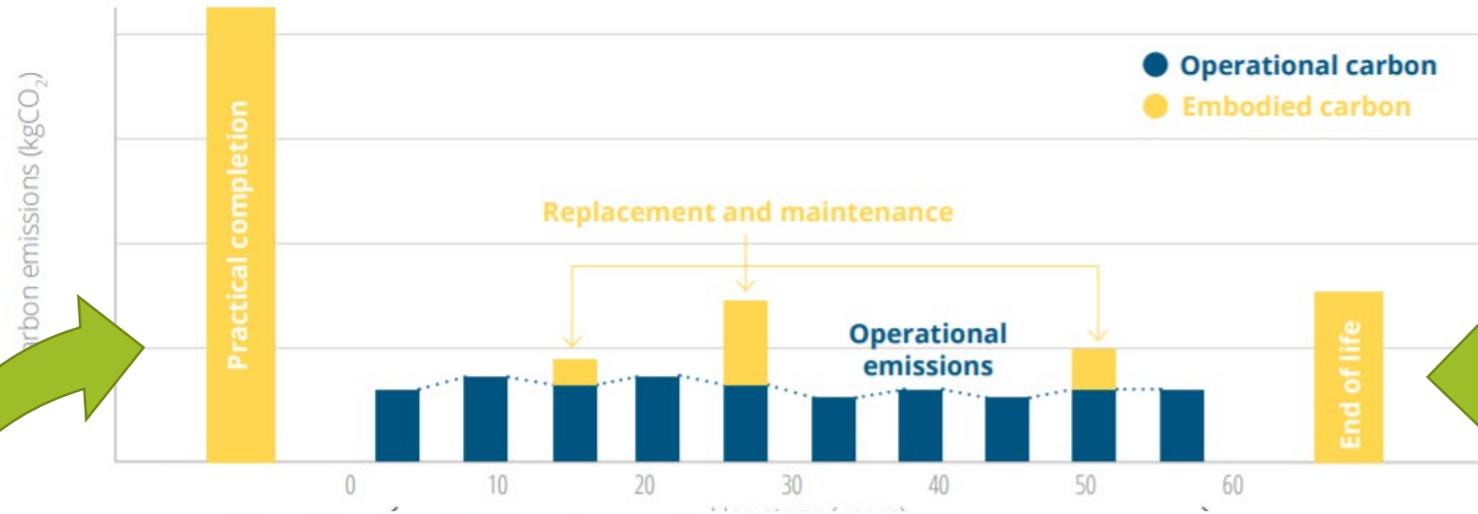
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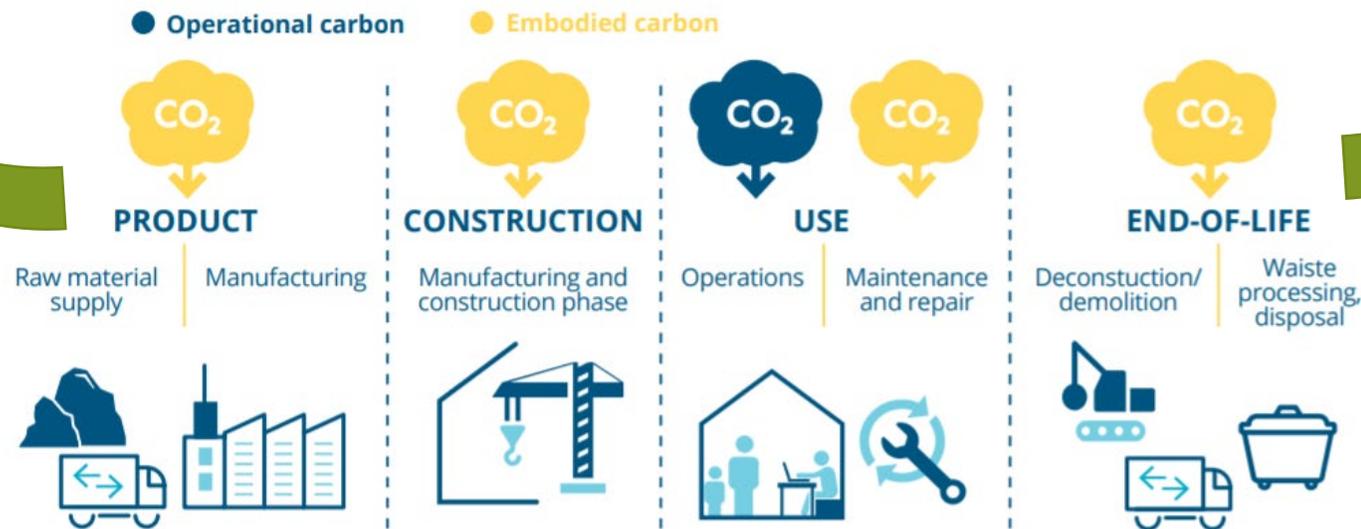




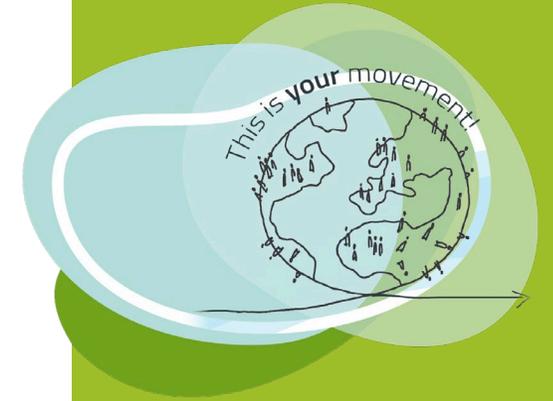
**Figure 2:** Breakdown of embodied and operation carbon in buildings. Source: [LETI Embodied Carbon Primer](#)



**Figure 1:** Embodied and operational carbon in a building's lifetime.



Source: BPIE. Diagrams from the Reports: *Whole-life Carbon: Challenges and solutions for highly efficient and climate-neutral buildings* / *Introducing Whole-life Carbon metrics: Recommendations for highly efficient and climate-neutral buildings*



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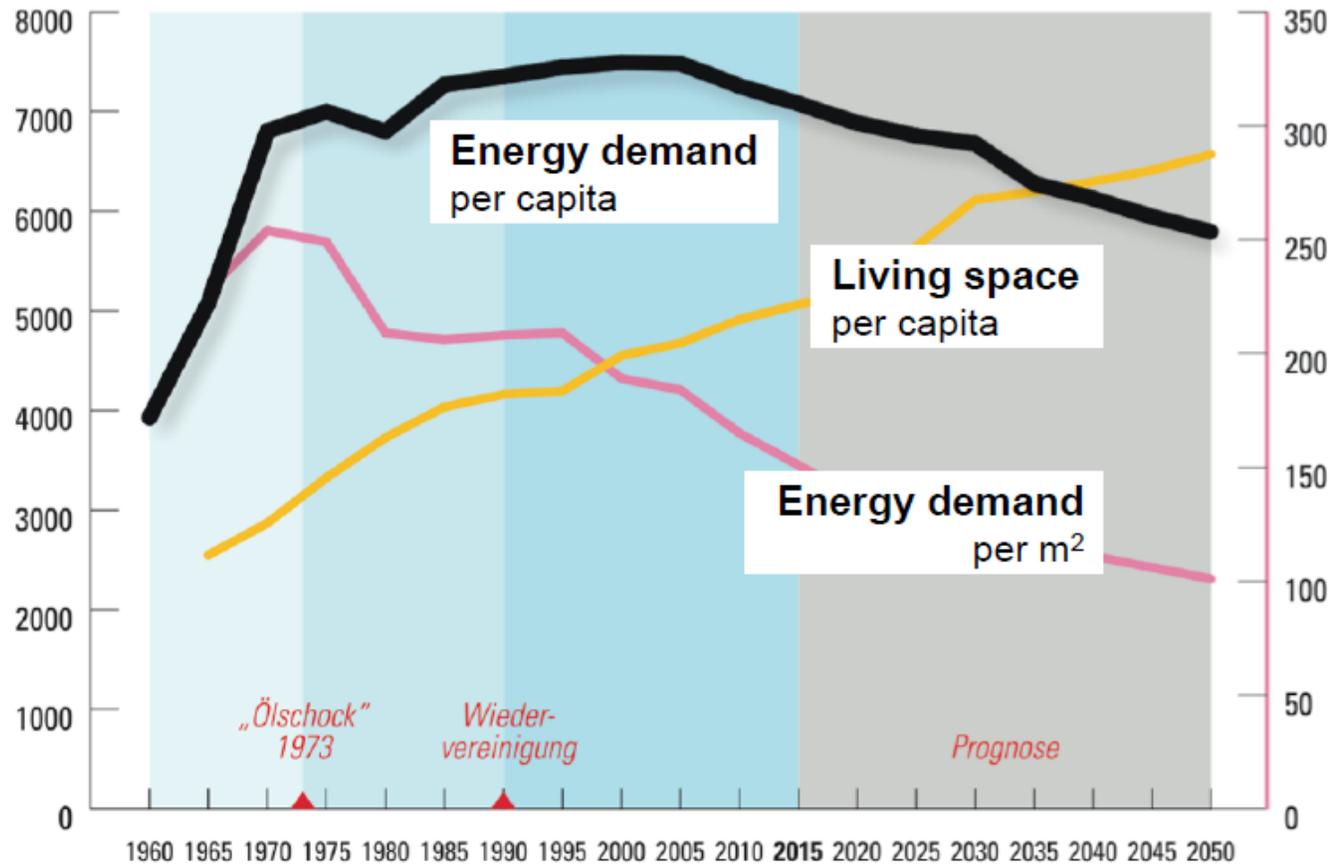
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## Energy demand for space heating (kWh per capita and year)

## Energy demand per m<sup>2</sup> living space (kWh/a)



Fuente: Wuppertal Institute for Climate,  
Environment and Energy



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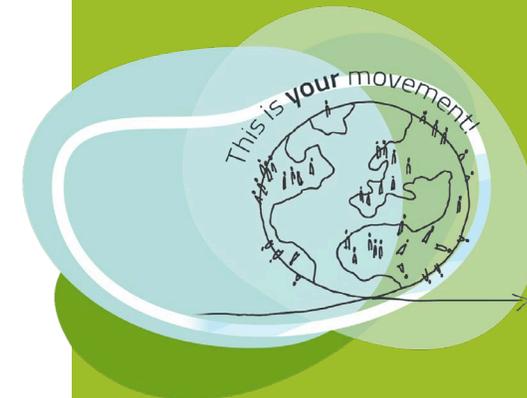
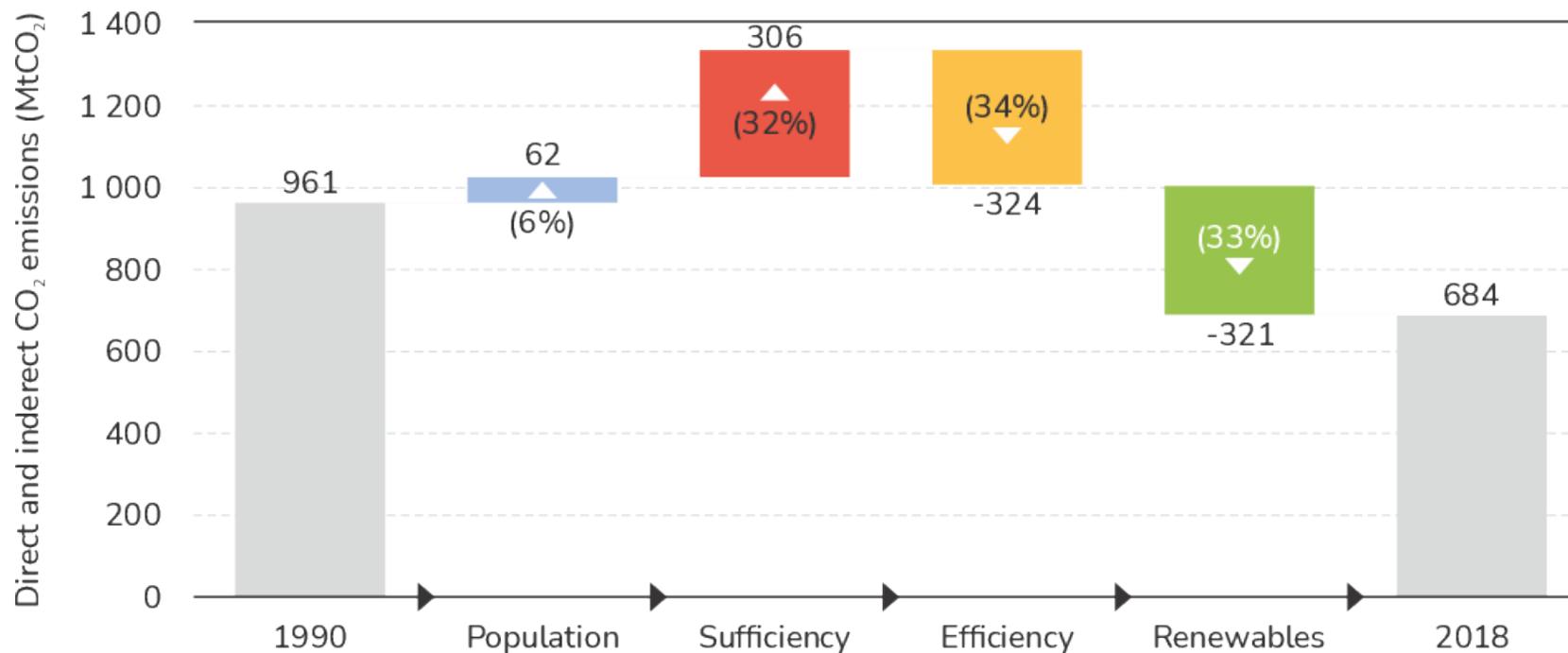
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## Decomposition of CO<sub>2</sub> emissions of residential buildings in the EU27+UK over the period 1990-2018



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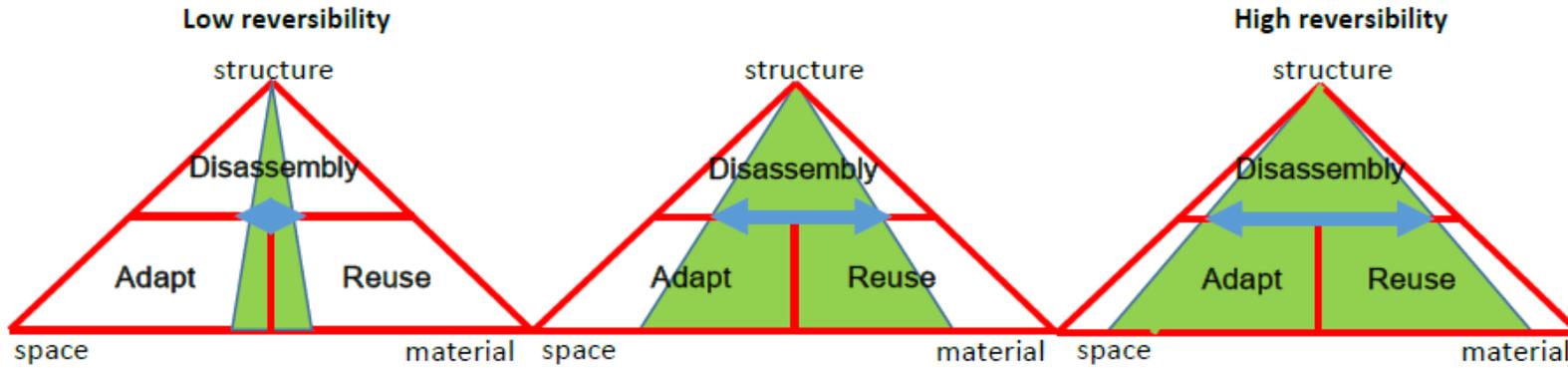
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Source: Y. Saheb, *Sufficiency and Circularity. The two overlooked decarbonisation strategies in the 'Fit For 55' Package*. Editor: EEB 2021

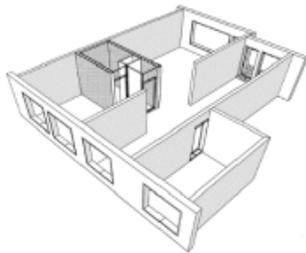




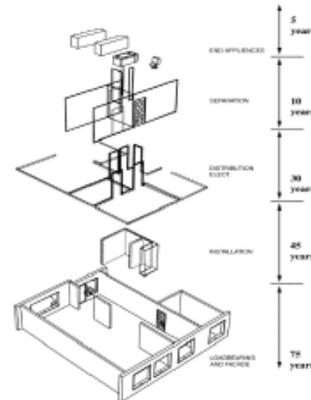
# Procurement and assessment of impact level of Reversible / Circular Building Design



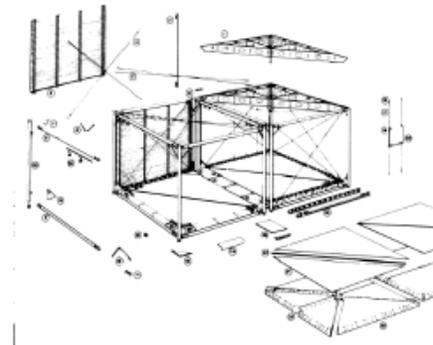
1 Fixed structure



2 Partly reversible



3 Reversible structure



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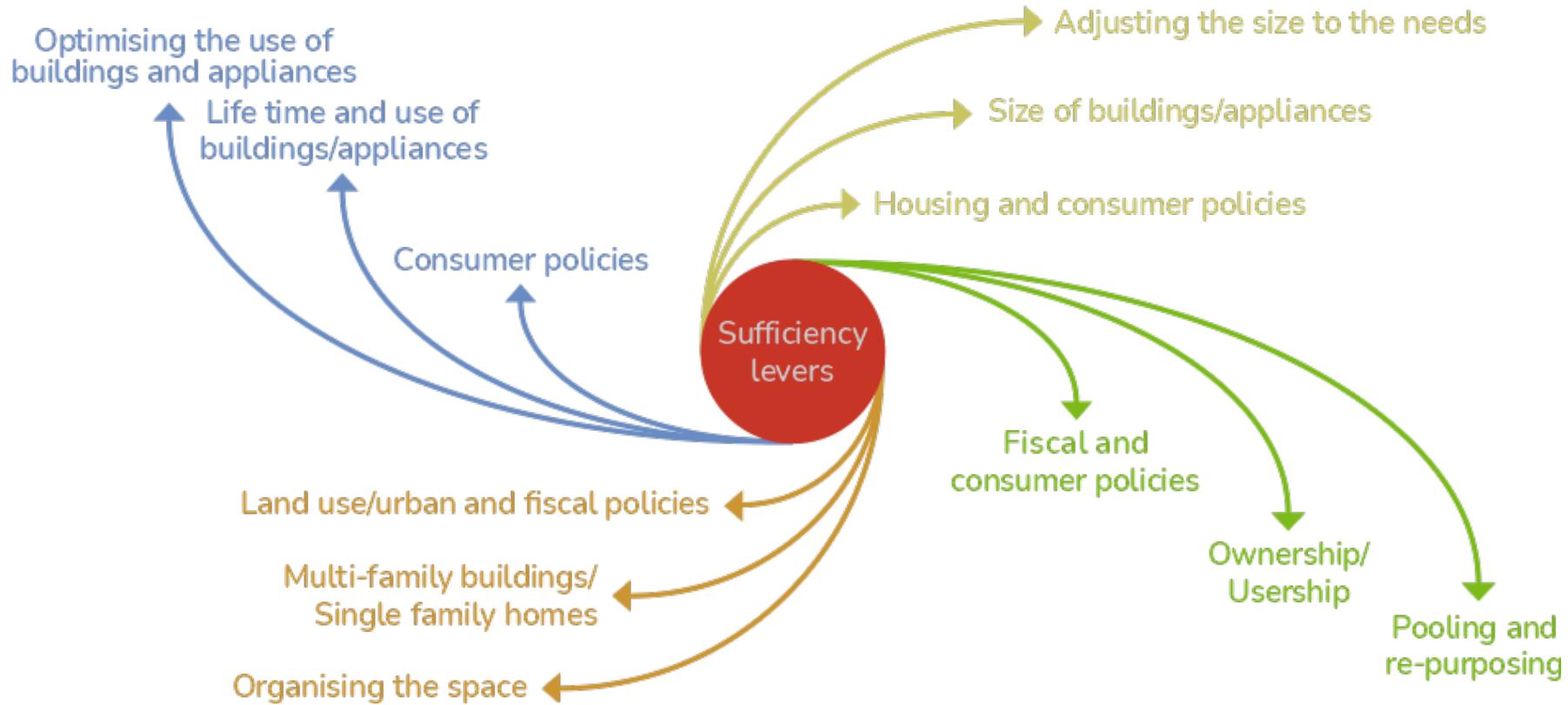
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Source: BAMB project



The BAMB project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 642384.





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# THANK YOU!

## Keep in touch

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