

**HOW DO WE SUCCEED
IN A CHANGING WORLD?**

**CHALMERS PÅ STÅLBYGGNADSDAGEN
DESIGN OCH KONSTRUKTIONSDAGEN**



CHALMERS
UNIVERSITY OF TECHNOLOGY

STÅLBYGGNADSDAGEN 2022

Johns

RAMBOLL

RI.SE

BTB
BYGGNADSTEKNISKA BYRÅN

COWI

SWECO



SAMHÄLLSBYGGARNA



Derome

MSB
Myndigheten för
samhällsskydd
och beredskap



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HOW DO WE SUCCEED IN A CHANGING WORLD?

LECTURES AND CONVERSATION:

JENS OLSSON

JOHAN ANDERSON

RICARDO SÁ FREIRE

BORIS REYHER

MARTHA TSIGKARI

RUTGER GYLLENRAM



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HOW DO WE SUCCEED IN A CHANGING WORLD?

1964:



TODAY:



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**A CHANGE OF ATTENTION:
embodied carbon in building materials**

**10 pct. of total greenhouse emissions
90 pct. of emissions in new buildings**

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**AN URGENT TARGET:
embodied carbon in building materials**

TODAY: 600 kg carbon per m²
2030: 300 kg carbon per m²

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OUR PROPOSAL TODAY:
embodied carbon in building materials
structures in steel are material banks
use materials with knowledge and love

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**TALKING CIRCULAR ECONOMY:
embodied carbon in building materials**

- 1. KEEP-ON**
- 2. CLICK-OFF**
- 3. CUT-DOWN**

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