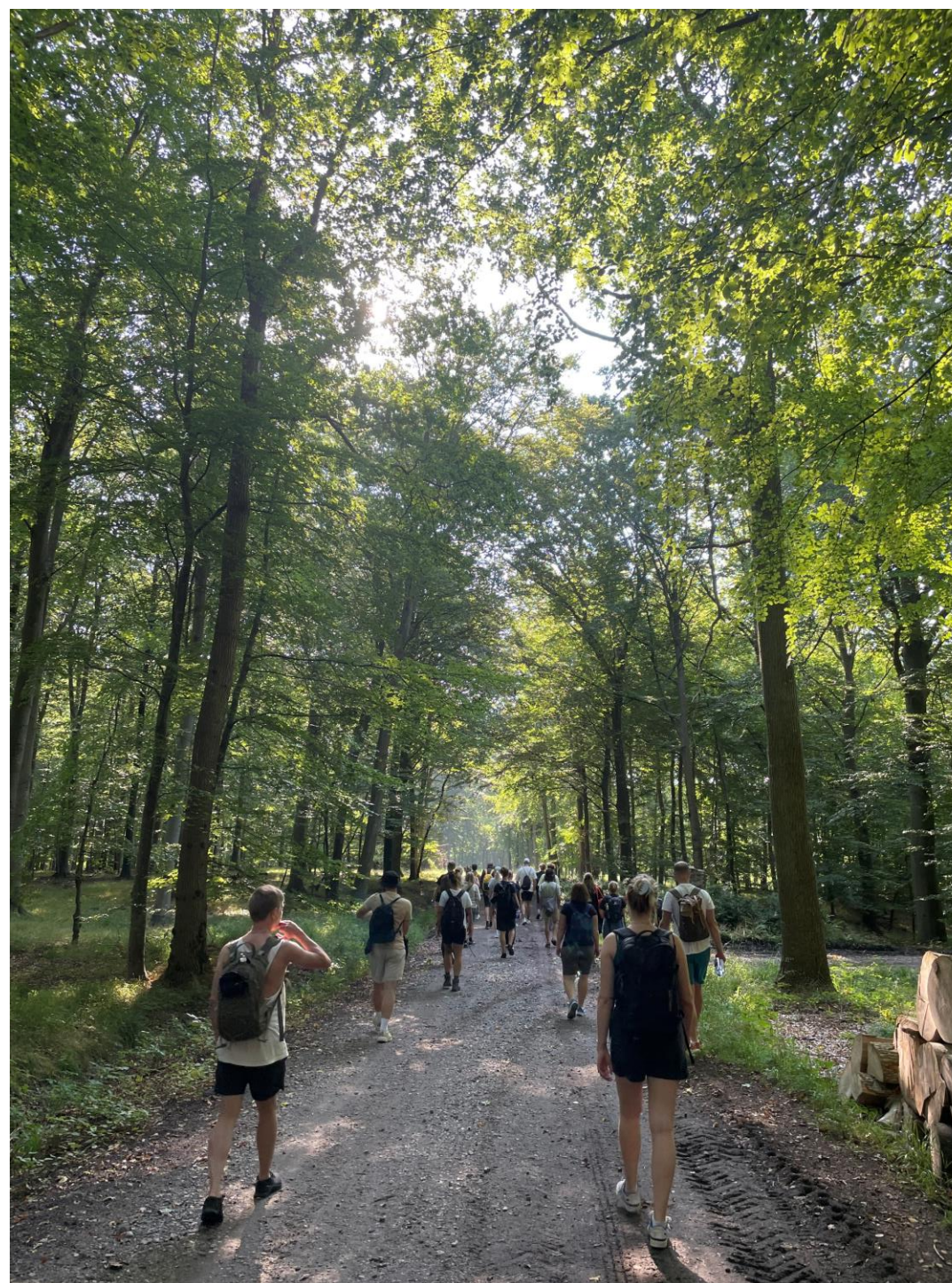


Climate friendly
construction?

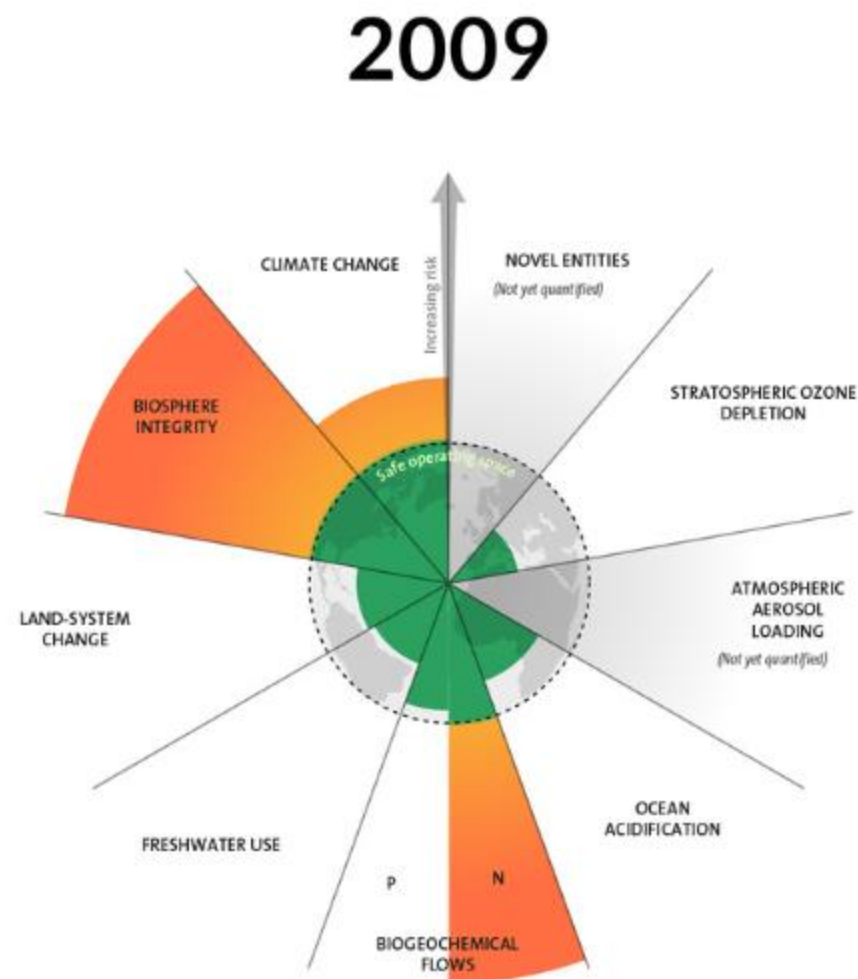




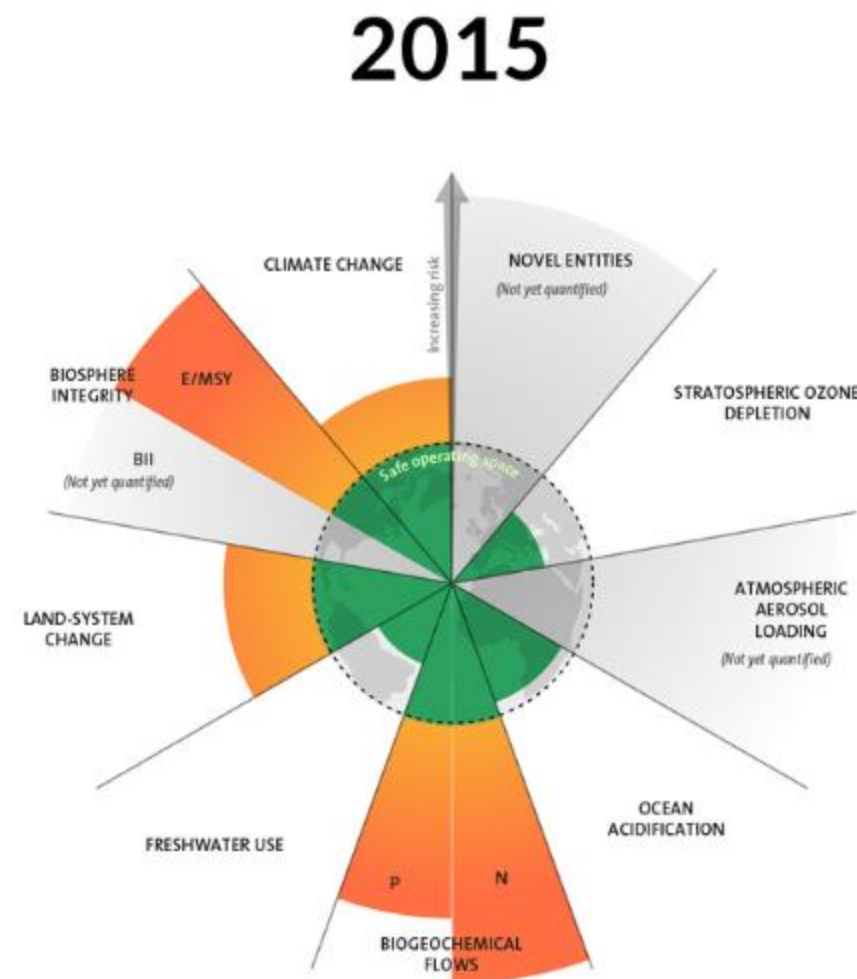
Nicholas Ransome
Architect & Urban Planner
Managing Director



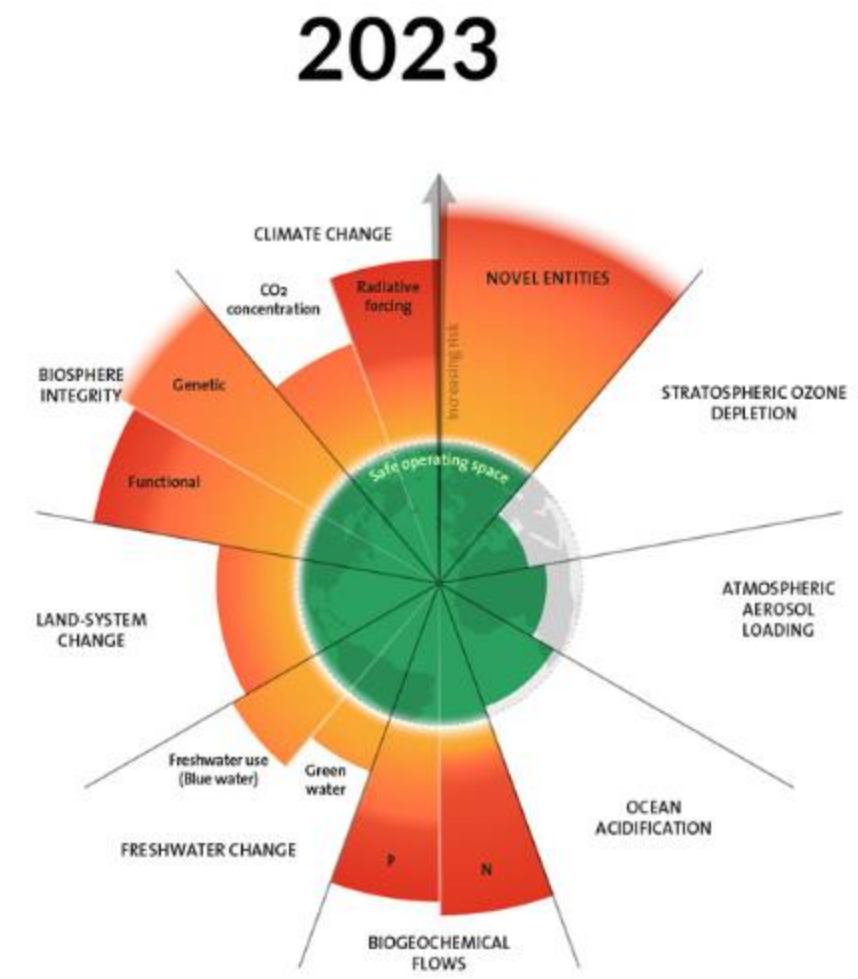
Context



7 boundaries assessed,
3 crossed

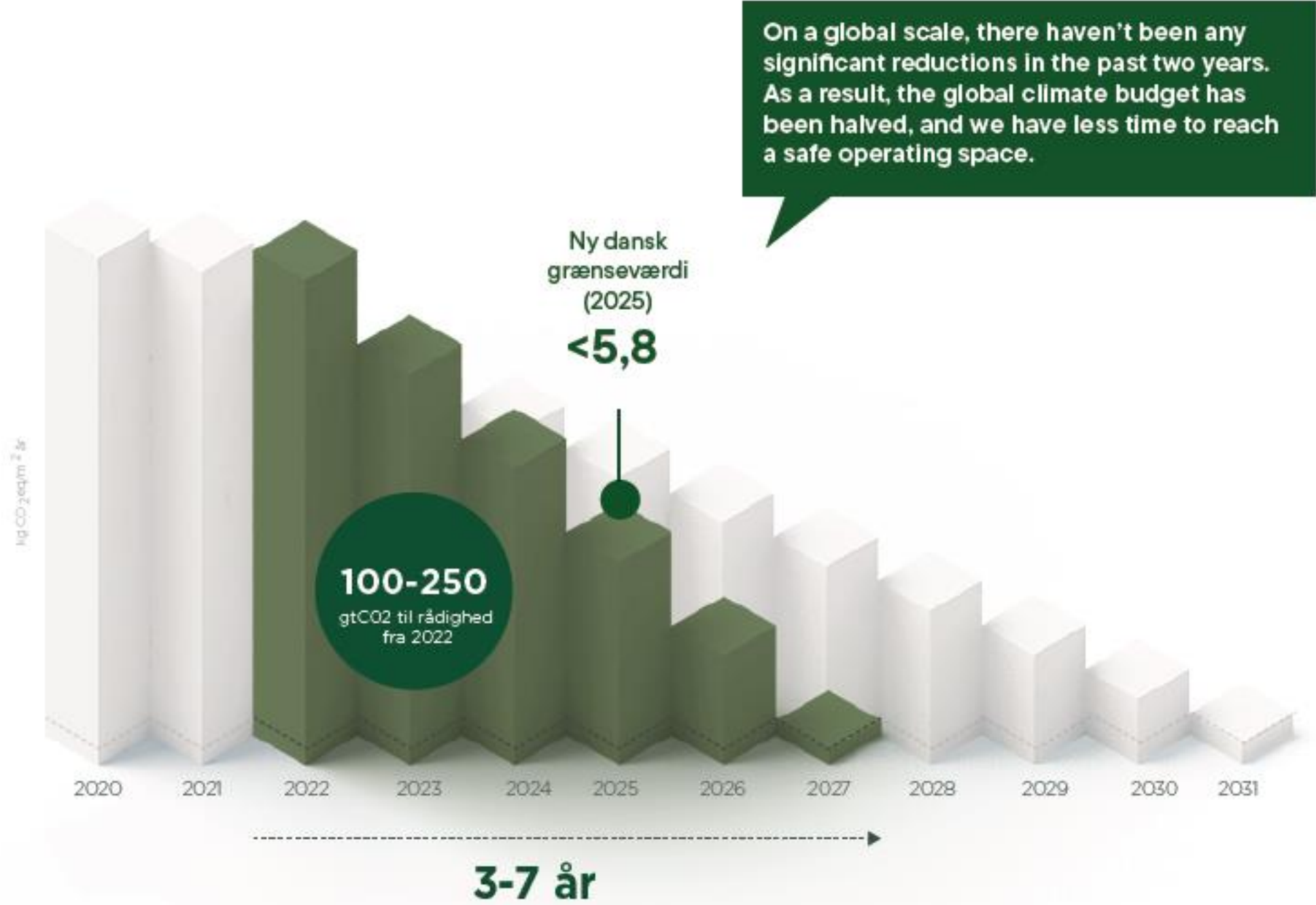


7 boundaries assessed,
4 crossed



9 boundaries assessed,
6 crossed

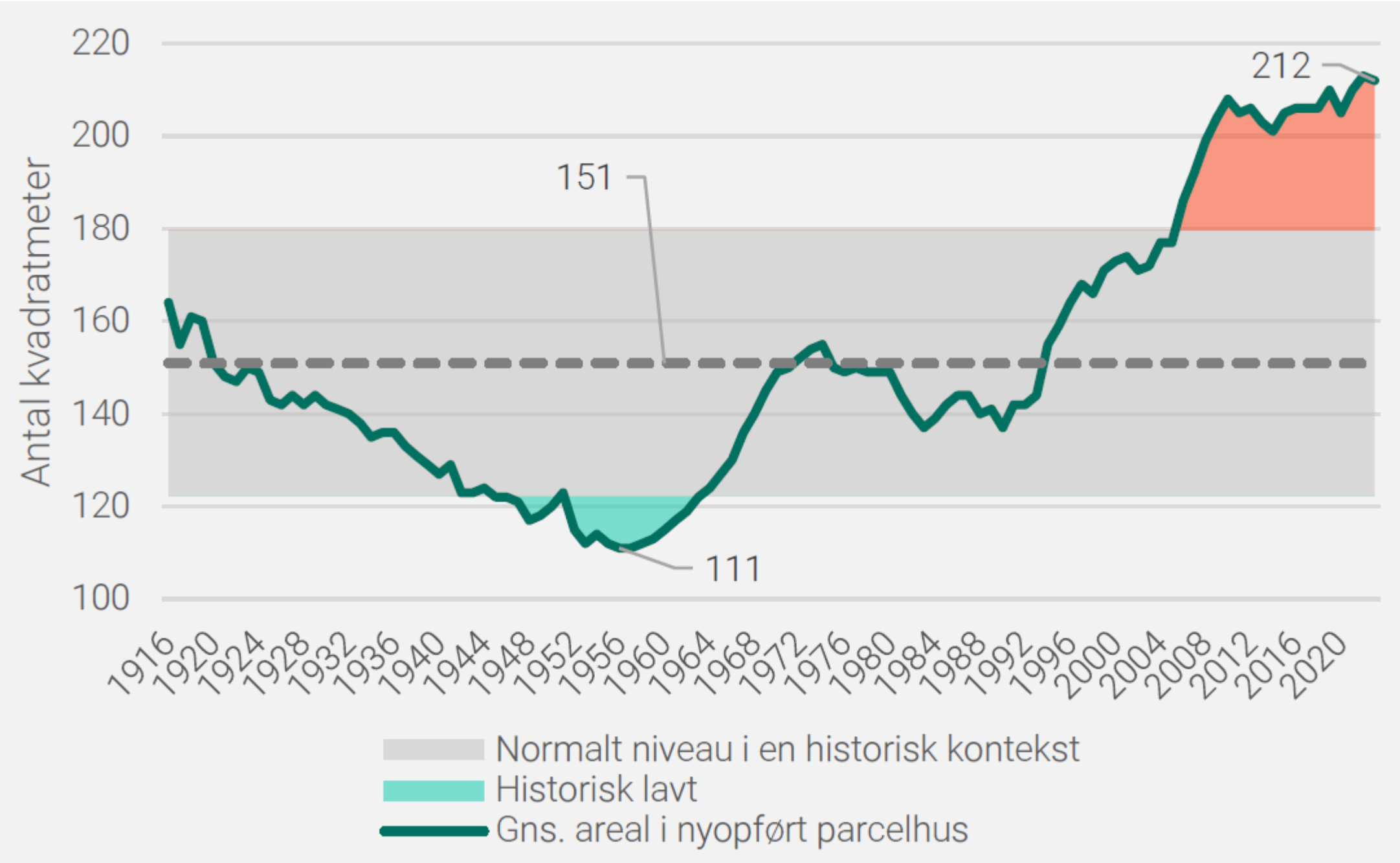
Reduction Roadmap



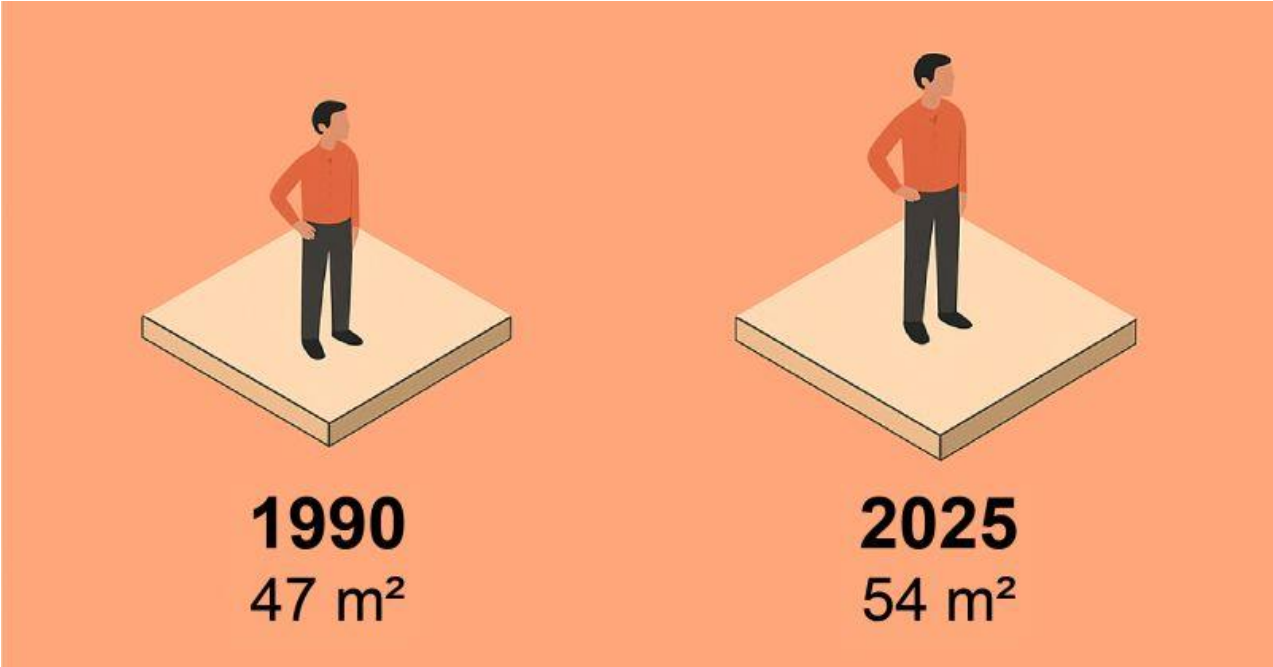
Instead of 6-12 years to reach the target, we know have 3-7 years.

Appetite for more

Rising average single family house size and average home size per person



Average inhabited space per capita



A viable future for construction?



Harpa Birgisdóttir

Professor of Sustainability of Buildings. Head of Division, BUIL...

2mo • Edited •

Vi skal reducere vores aktivitet med nybyggeri med 80%



omstille 50% af de resterende kvadratmetre (altså de resterende 20%) til biobaserede byggematerialer

for at holde os indenfor planetære grænser (eller mere præcist safe operating space) for klima, arealforbrug, næringssaltbelastning og forbrug af metalliske/mineralske ressourcer.

Så i virkeligheden er vores budget til nybyggeri nærmest brugt op og der er ikke plads til building as usual - altså hvis vi mener noget med de politiske aftaler der er indgået om klima og biodiversitet.

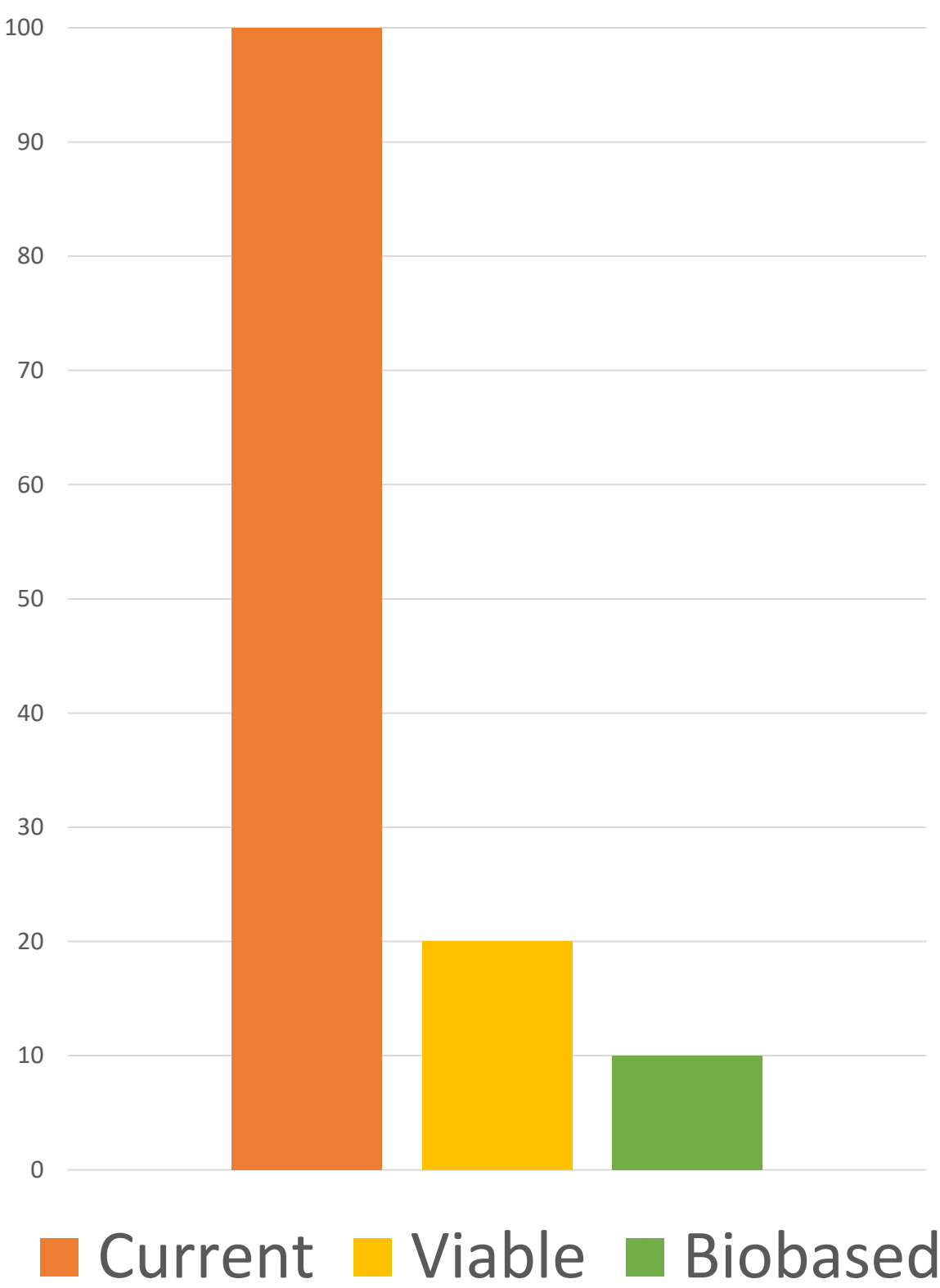
Ja og teknologien vil ikke blot løse det hele.

Dette kan du læse i vores nyeste paper:

Absolute sustainability assessment of the Danish building sector through prospective LCA

Dette studie er drevet af [Lise Horup Koch-Søfeldt](#) som forsvarer sin erhvervs-PhD nu på torsdag. Med på holdet til dette studie var udover Lise, Simon Bruhn, Endrit Hoxha, Harpa Birgisdottir, Andreas Qvist Secher, Pernille Ohms og Michael Hauschild - og derfor bidrag fra fra Rambøll, DTU, AAU og SDU.

Læs studiet her: <https://lnkd.in/dCtxwx6c>



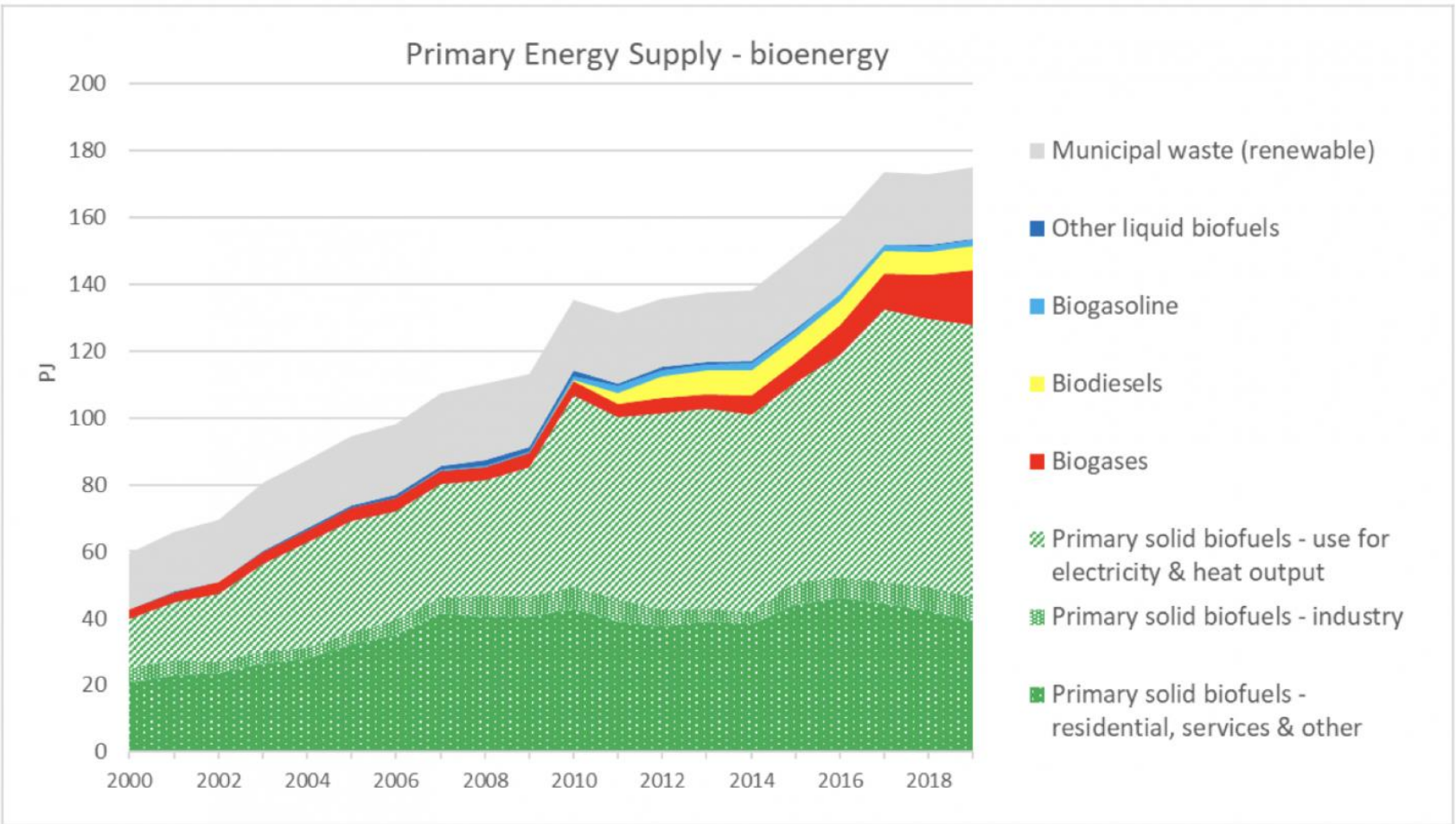
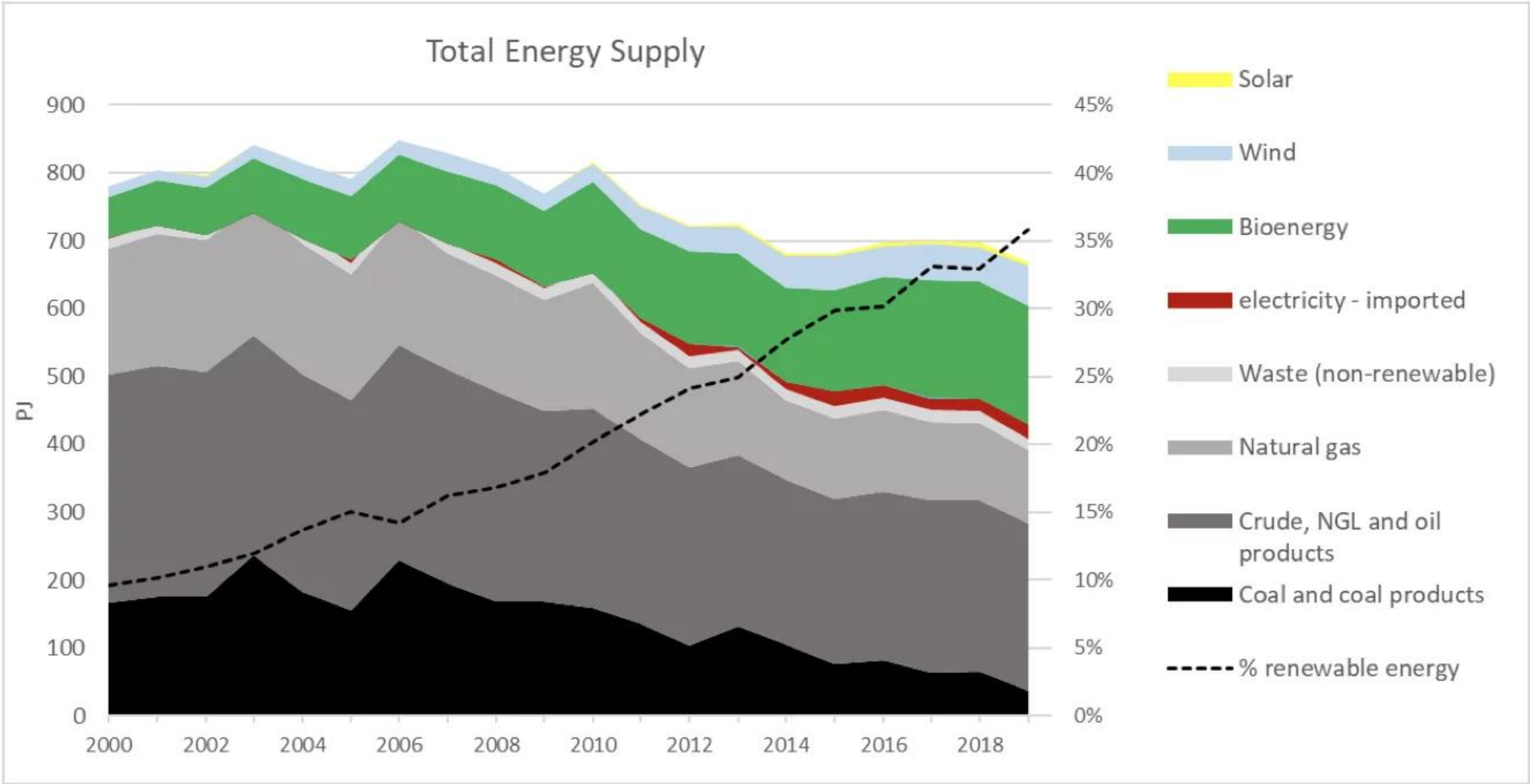
Suboptimisation?



LCA – New limits from July 1st 2025

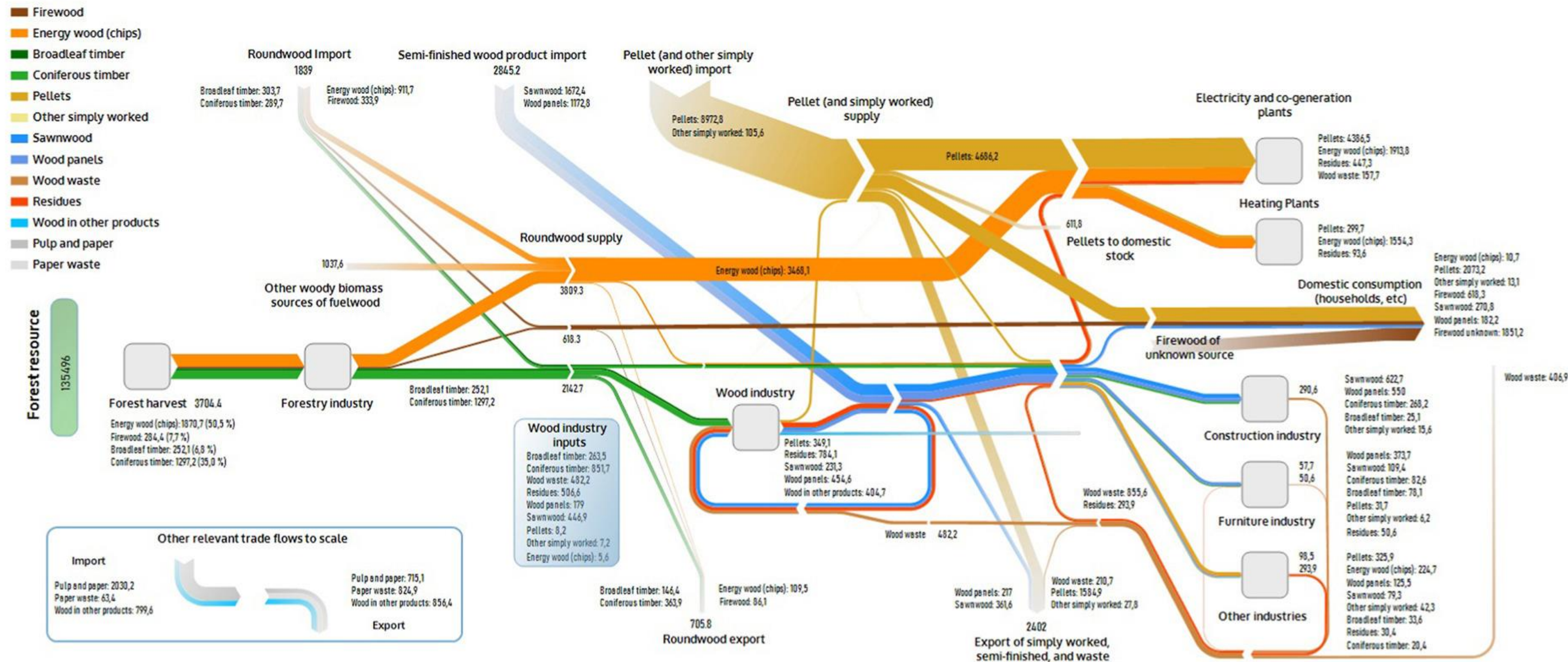
Klimakrav for bygninger	2025	2027	2029	2025: Danish scope in total over 50 years
Feriebolig under 150 kvm.	4,0	3,6	3,2	200
Enfamiliehuse, rækkehuse, tinyhouses og ferieboliger over 150 kvm.	6,7	6,0	5,4	335
Etageboliger	7,5	6,8	6,1	375
Kontorbygninger	7,5	6,8	6,1	375
Institutioner	8,0	7,2	6,4	400
Andet nybyggeri, f.eks. butikker, lagerhaller og parkeringshuse	8,0	7,2	6,4	400

Are we burning our potential building materials?



Wood flow in Denmark 2018

Summary diagram [1000 m3 SWE]



Building stop



Homes that Don't
Cost the Earth

Taking Stock:

A foundation for future
housing strategy

BYGGESTOP-
BEVÆGELSEN

Arup
Dark Matter Laboratories
Rising Tide
UCL Institute for Innovation and Public Purpose

June 2025

BYGGESTOP-
BEVÆGELSEN

WEEKLY MEETING

Tuesday 17th June

Byggestop Bevægelsen is a shared space for activists, architects, engineers, researchers, and citizens who are committed to building a more responsible, inclusive, and regenerative future—one that respects planetary boundaries and rethinks how we build, live, and thrive together. We promote three objectives with this movement:

- **SHARP REDUCTION OF UNNECESSARY DEMOLISHMENTS**
- **SHARP REDUCTION OF UNNECESSARY NEW BUILDINGS**
- **SHARP INCREASE IN RENOVATION AND TRANSFORMATION OF EXISTING BUILDINGS**

Send us a message before joining for the first time, so we can organise a proper welcoming!



Njalsgade 21 G, Kbh S
Online



Newcomers intro, Q&A **17:30**
Weekly meeting **18:00**



Examples











The Resource Rows







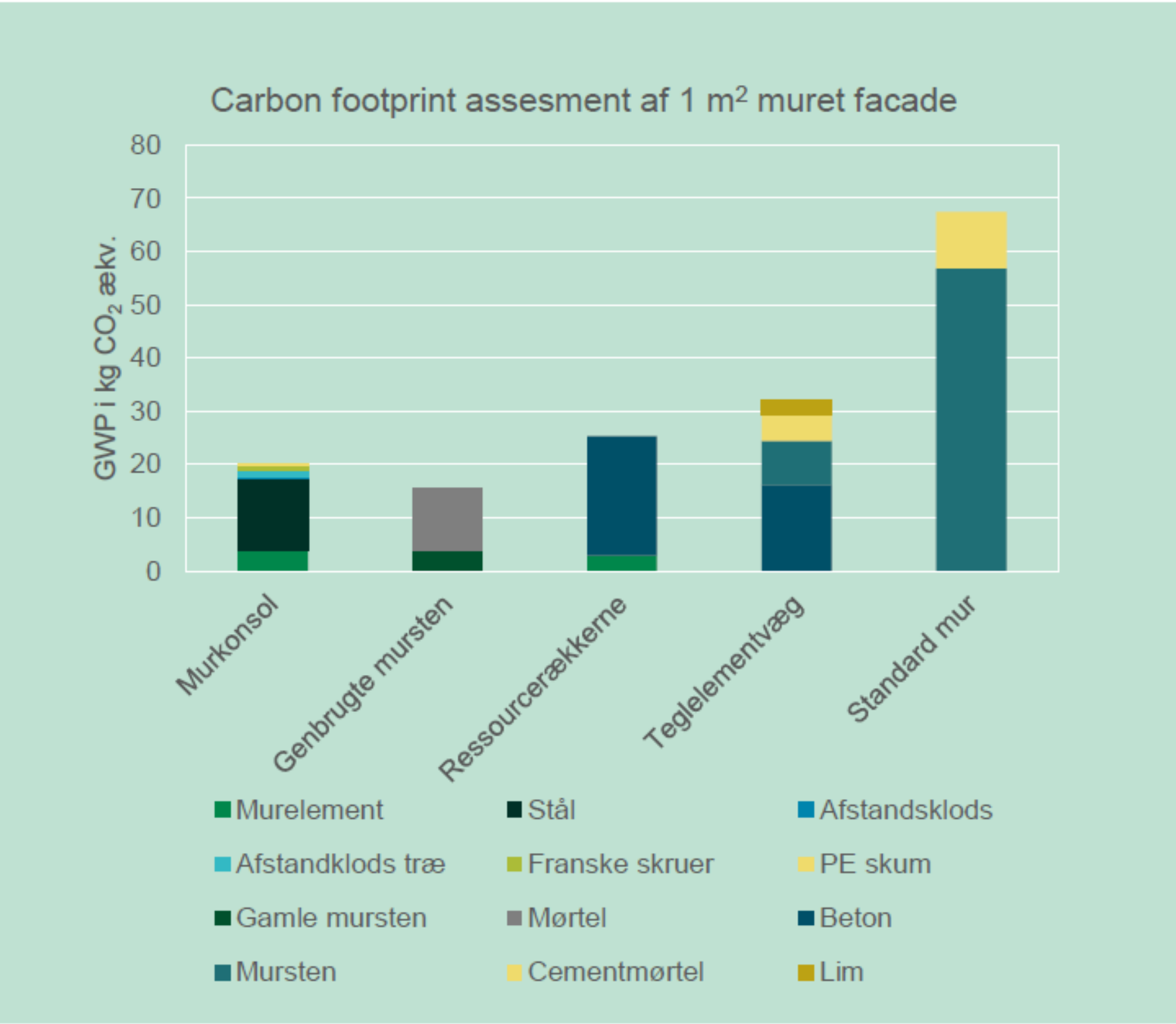


Lendager



Resource Rows







Svanen Kindergarten

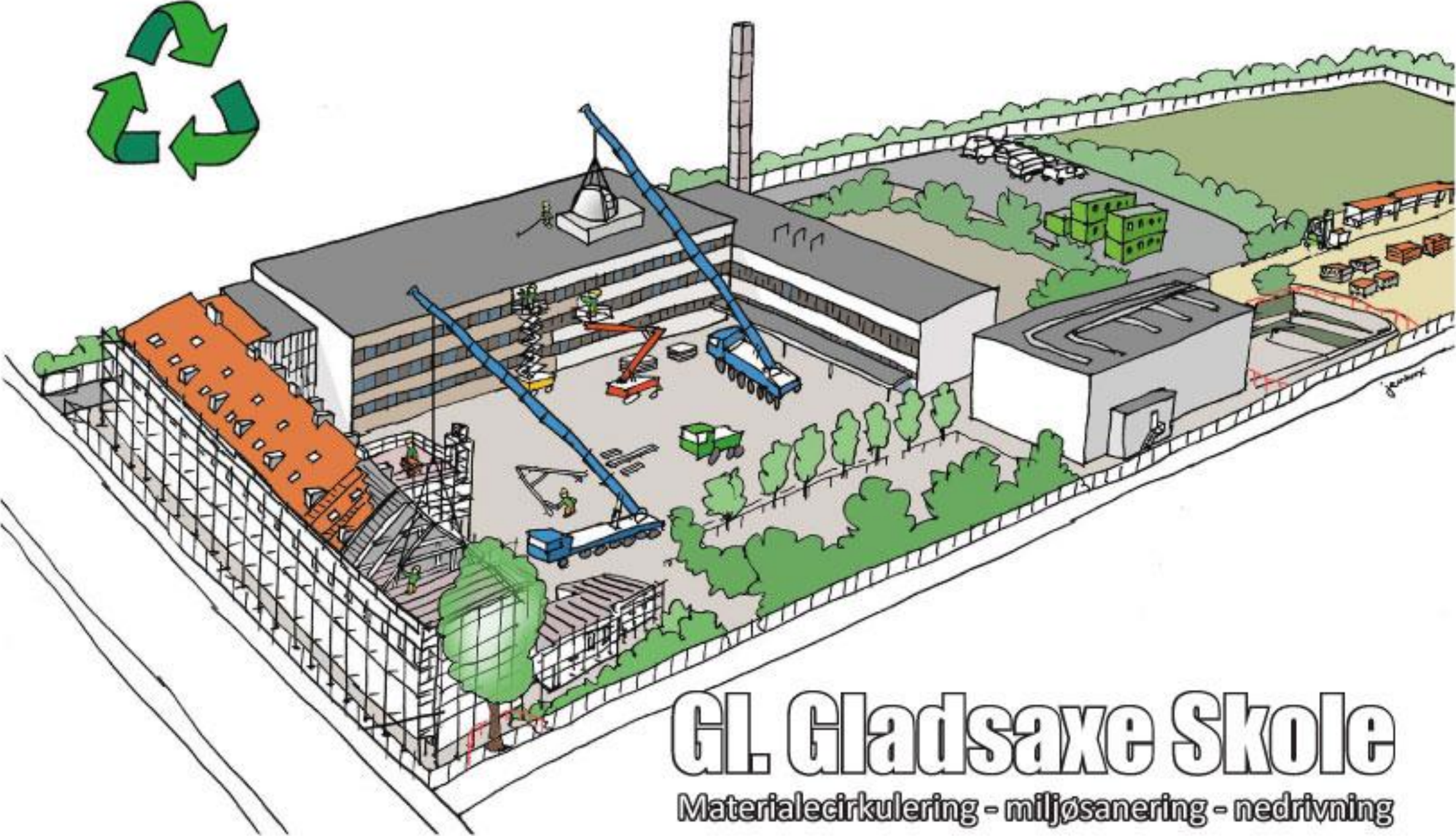
2022



Lendager













TRÆ

TRÆ | Location: Aarhus, Denmark | 14.850 m² | Office and public spaces | In construction







Identifying resources



Develop



Testing



Improving



Tests and development







Key points

- Change is difficult. If you experience pushback, it could mean that you're on the right course.
- Embrace risk management and identify what people are afraid of. This can pave the way to solutions.
- Get stakeholders excited and involved early – they will help you when it gets difficult

PALÄOZOISCHE GEBILDE

SEKUNDÄR-GEBILDE

TERTIÄR-GEBILDE UND ERDSCHÜTTENDE VULKANE



Thanks

Nicholas Duxbury Ransome

nr@lendager.com

+45 23 70 44 55