



Green
Building
Council
Italia



BUILT
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IN COLLABORAZIONE CON:

lendlease

08 febbraio 2024

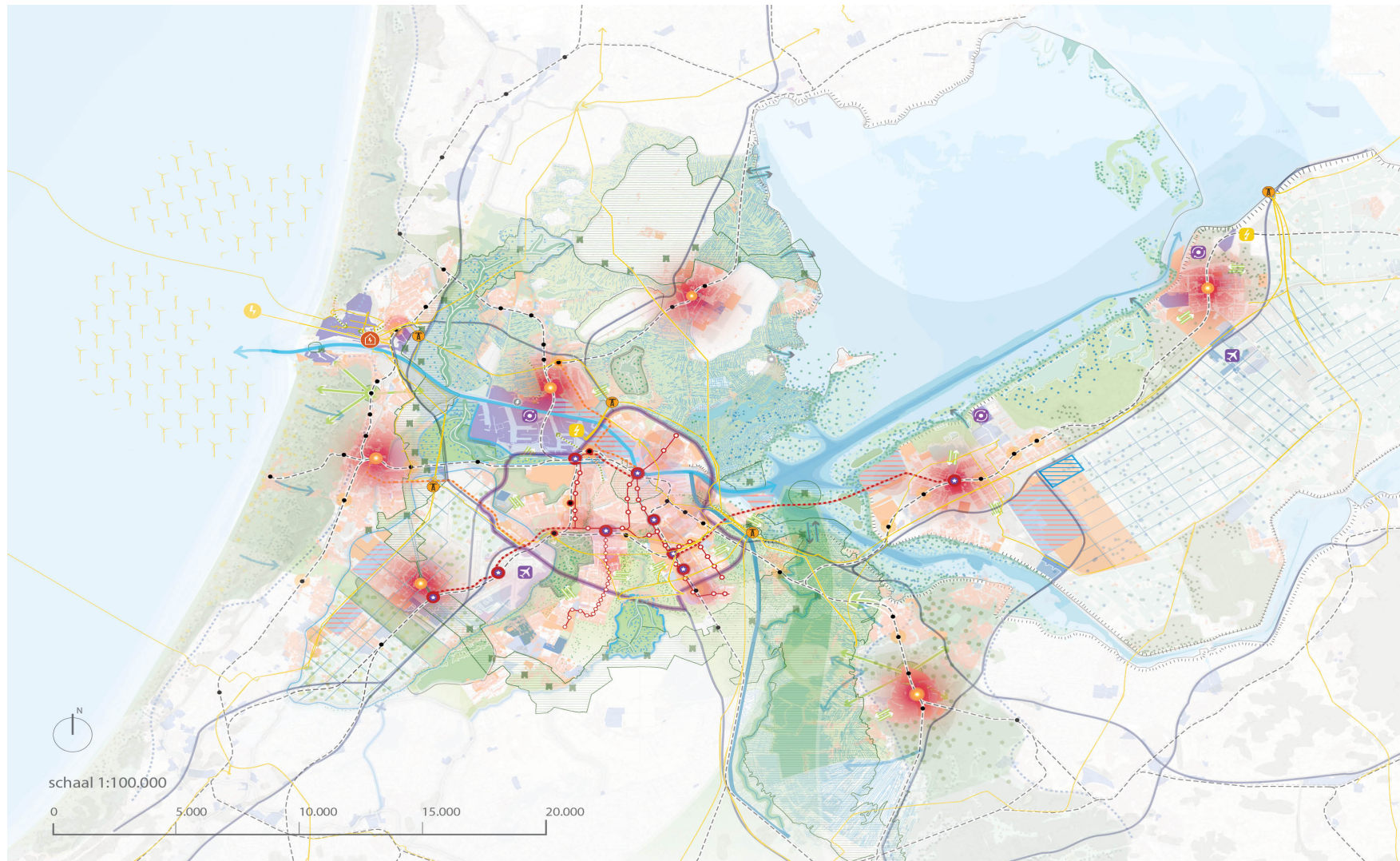
GBC Italia e Built by Nature lanciano
**Timber Forward Italia:
Edilizia in legno e
decarbonizzazione
dell'ambiente costruito**

Bob van der Zande, Director Build-in-Wood MRA

***Triple Helix Collaboration
pushing Timber construction in the
Metropolitan Regio Amsterdam (MRA)***

Metropolitan Region Amsterdam (MRA)

30 municipalities, 2 provinces, 2,6 million inhabitants, 15.000 new homes/ year (average)



Green Deal Covenant Timber Construction MRA 2021-2025 (Oct. 2021)

20% of all new homes timber/biobased by 2025: subscribed by 140 public & private organizations



Green Deal Covenant Timber Construction MRA 2021-2025 (Oct. 2021)

Crucial elements in building confidence:

1. **Credible target:** 20% of all Residential Development in MRA by 2025
2. **Commitment** of Public Officials and Real Estate Industry CEO's
3. Timber **Definition:** supporting structure counts!
4. **To do-list** for every subscribing category of organisations
5. **Open source** public-private collaboration: sharing data & solutions
6. **Innovation** of building sector: Industrial Timber (faster, cleaner, lighter)
7. **Public-Private Steering** Committee with key leaders: the protagonists!



Triple Helix Collaboration is the motor!

Strong Steering Committee: 5 Industry Leaders & 5 Deputy Mayors & Professor of Delft University



Action Plan Timber Construction MRA 2023-2025

5 action categories in our program-management:

- 1. Locations:** *public & private land owners*
- 2. Knowledge:** *development & active sharing*
- 3. Regulatory Framework:** *national & local*
- 4. Business Case:** *whole value chain & start designing in Timber!*
- 5. Communication:** *professionals (prejudices) & public opinion*



Partners of Covenant Timber Construction MRA 2021-2025 (June 2023)

26 large Real Estate Companies with active role in scaling timber & biobased development



Flyer of realised & planned timber & biobased projects in MRA # 2023

In 2024 the Timber Monitor MRA started: from 2% > 10% >20% (Grant of Built by Nature)

DE EEUW VAN HOUT
HOUTBOUWKAART 2022-2023 METROPOOLREGIO AMSTERDAM

Waar niet-hernieuwbare materialen zoals beton, staal en baksteen in de laatste eeuw de meest gebruikte bouwstoffen waren om steden te bouwen, worden de negatieve effecten van deze fossiele bouwmaterialen op het klimaat steeds duidelijker. Hernieuwbare, of biobased materialen, met in het bijzonder hout, bieden een totaaloplossing voor het (her) ontwikkelen van 'future proof' gezonde en leefbare buurten en wijken.

In 2025 wordt één op de vijf nieuwe woningen in de Metropoolregio Amsterdam van hout gemaakt. Dat is het streven van de 'Green Deal Convenant Houtbouw'. Op deze kaart vind je een overzicht van gerealliseerde, in aanbouw zijnde en geplande houtbouwprojecten welke volledig of voor een groot deel uit hout en andere biobased materialen bestaan. Goed voorbeeld doet goed volgen!

VOOR MEER INFORMATIE OVER ONZE HOUTBOUW-PROGRAMMA'S, KLIK OP: [DEZWIJGER.NL/HOUTBOUW](https://dezwijger.nl/houtbouw)

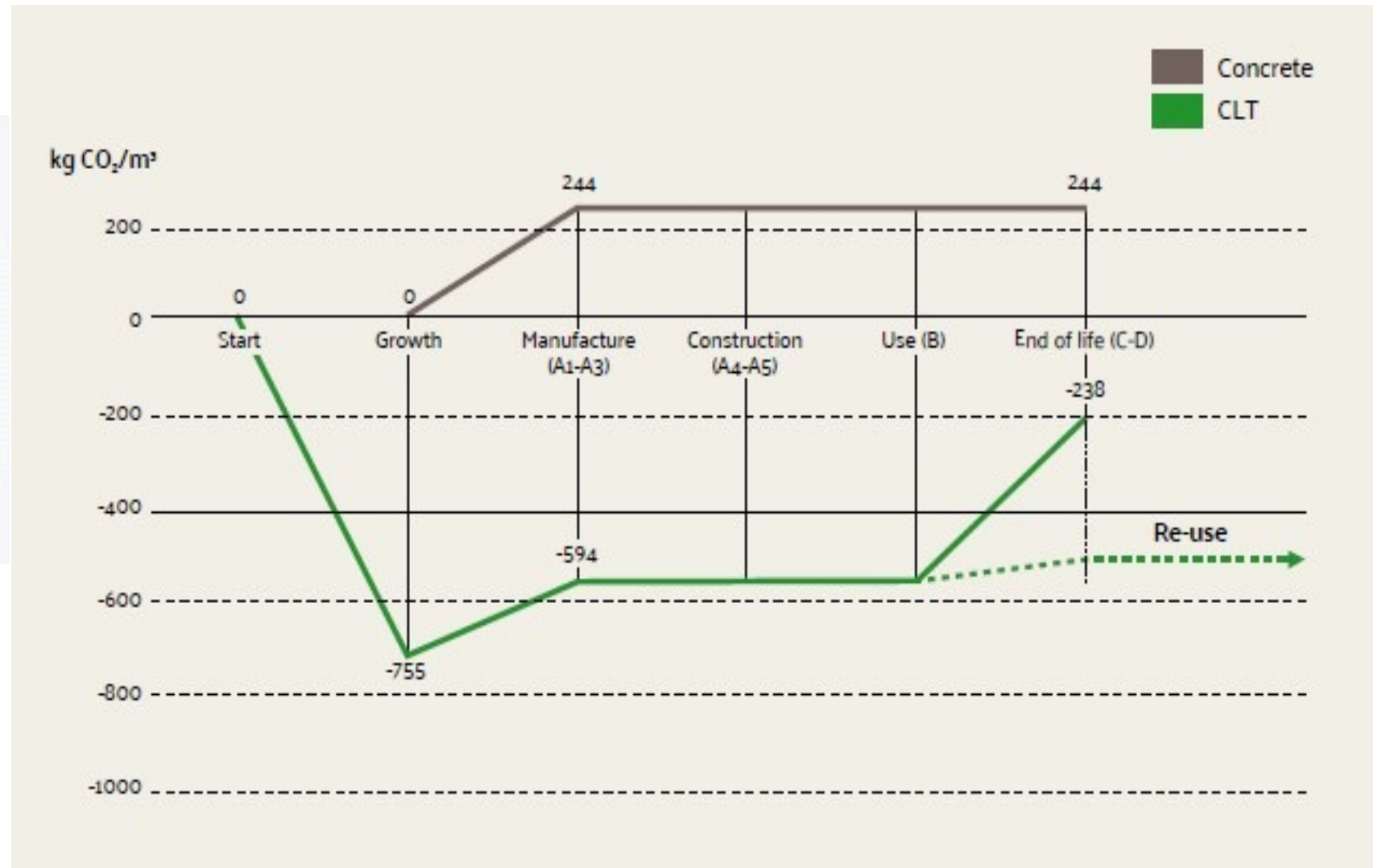
metropool regioamsterdam MATERIAL DISTRICT. PAKHUIS DE ZWIJGER

TU Delft AM METABOLIC GREEN BUILDING COUNCIL ITALIA



CO₂ emission of the Real Estate Industry: 15 % of total CO₂!

Huge difference between timber & concrete/ steel/ bricks: storage and avoidance of emission



Fact Finding about all aspects of Timber Construction

Amsterdam Institute for Advanced Metropolitan Solutions (AMS), MRA, Built by Nature



Design: SeARCH
Picture: Lior Teitler for Moso International



M'DAM, Monnickendam (NH): Finch Buildings, BMB, De Groot Vroomshoop

62 apartments, 30% social housing (Wooncompagnie): modular timber building (2021)



Juf Nienke, Amsterdam (SeARCH & Rau Architects, Dokvast, Barli)

Mid Segment Housing (< 1000,- / month), National Award for Modular Timber Buildings 2023



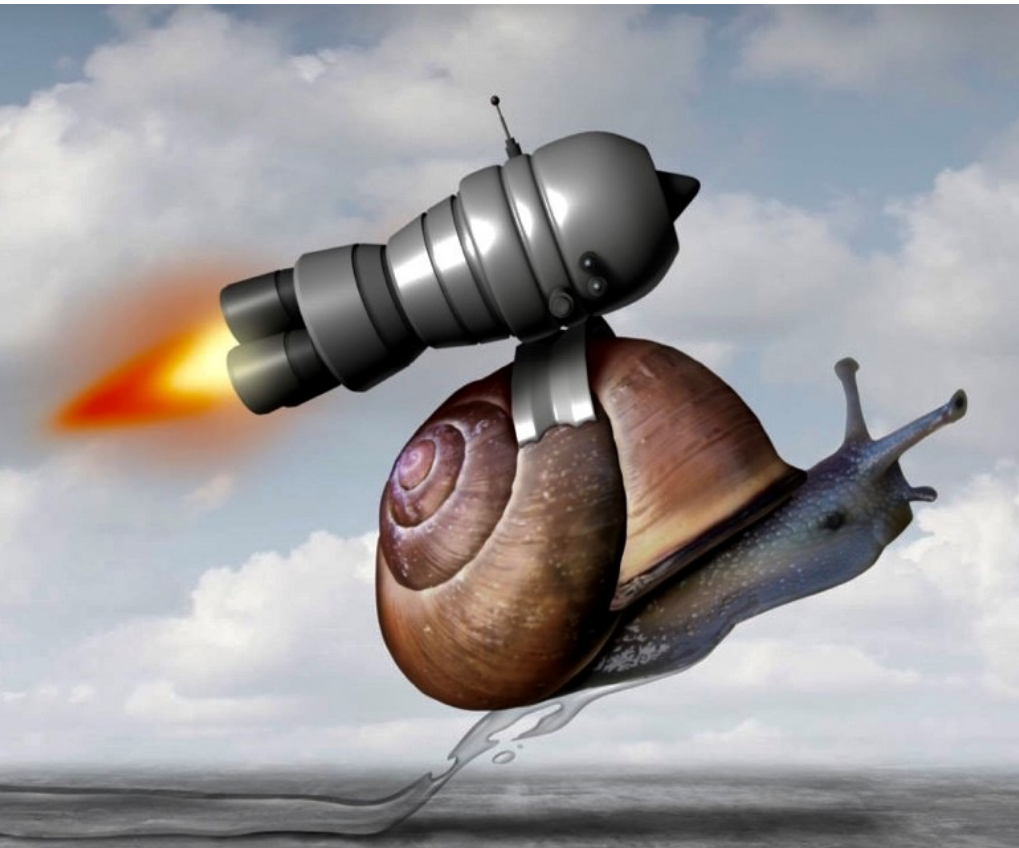
Robin Wood, Amsterdam (ANA & Koehler Arch. & Oostmeijer Development)

Best Future Project at World Architects Festival 2022



Sea level is really rising!

The Netherlands under sea level (2024)

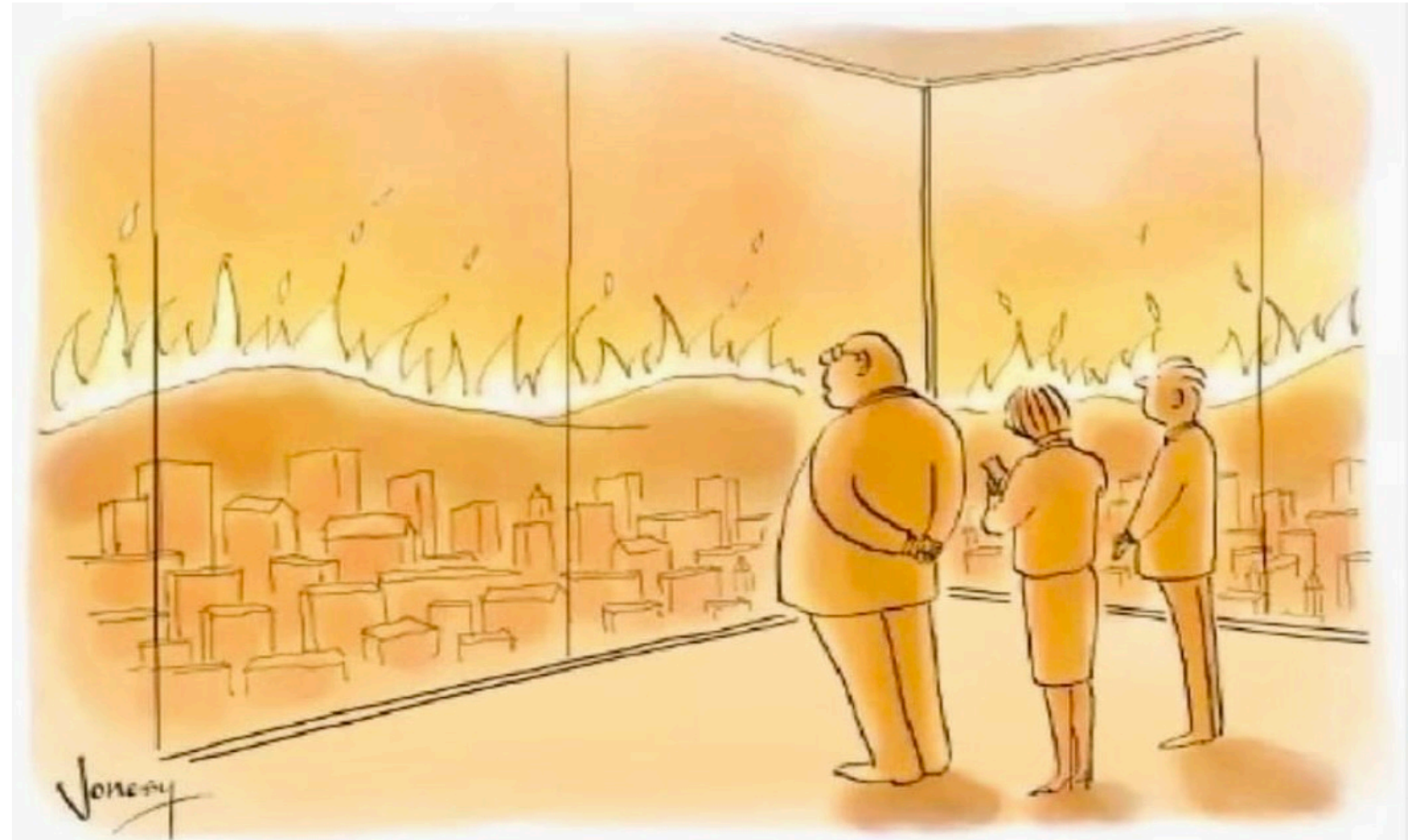


Amsterdam Travel Guide



Urgency? Actions? Transitions tend to take too much time.....

What values do we really want in the 'business case'?



"Somehow we need to monetise this - and quickly"



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Grazie.

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