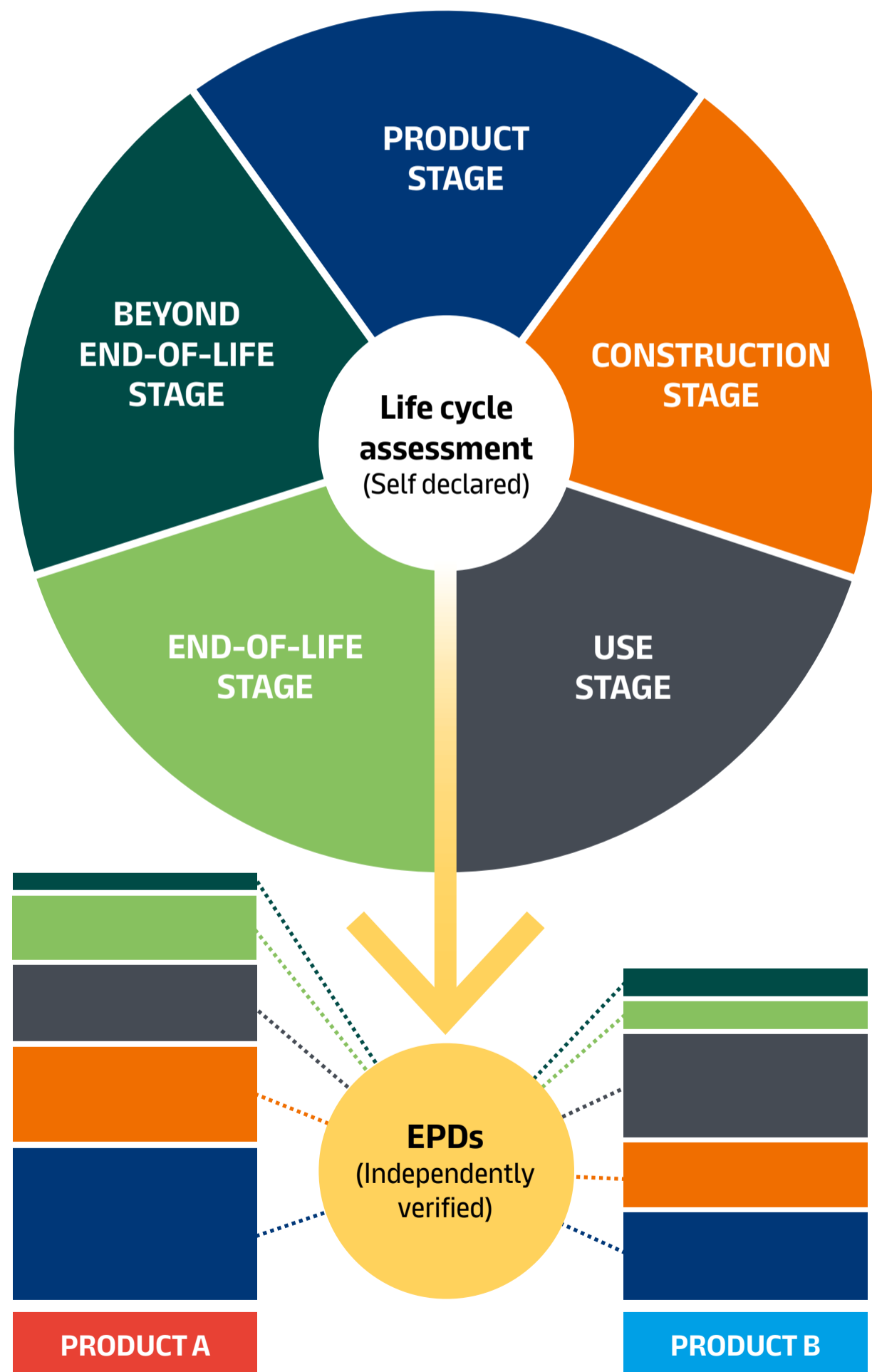


# EPD need-to-knows

## 3 reasons to make EPDs an essential consideration

**1.** EPDs are the industry standard for measuring product sustainability, including embodied carbon



**2.** Demand for low-carbon products is increasing

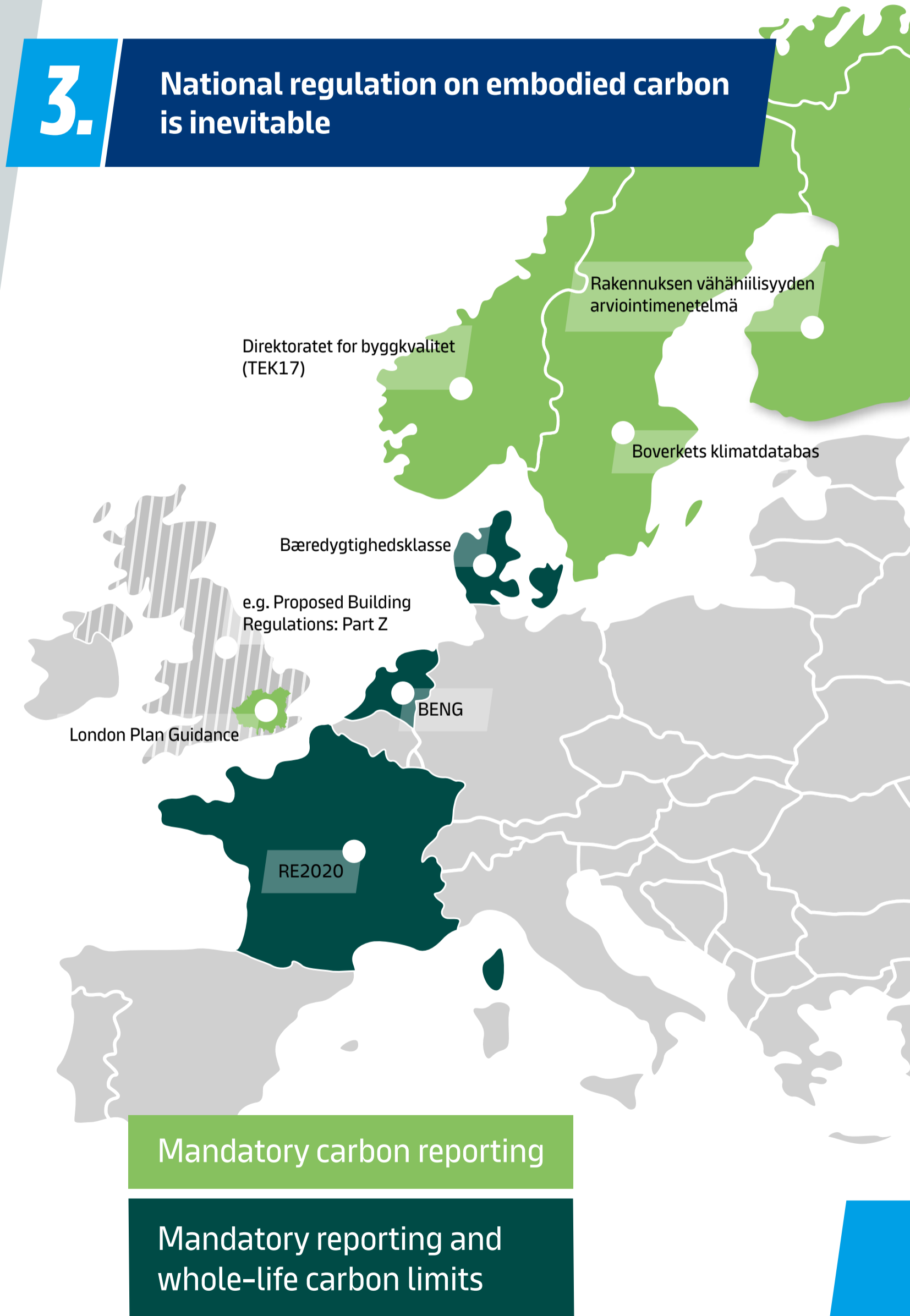


**300+**  
Architect practices have signed up to this commitment



**>600,000**  
Assessment certificates issued to date

**3.** National regulation on embodied carbon is inevitable



Mandatory carbon reporting

Mandatory reporting and whole-life carbon limits

*Not all EPDs are made equal: Six reasons to prefer +A2 EPDs*

	The old standard <b>EN15804 +A1</b>	The latest standard <b>EN15804 +A2</b>
<b>1.</b>	Obsolete, but existing EPDs valid until 2027	The latest standard, mandatory since November 2022
<b>2.</b>	Multiple/Grouped-product EPDs common	Single-product EPDs more common
<b>3.</b>	Mandatory stages to declare: A1 - A3 only	Mandatory stages to declare: A1 - A3, C1 - C4, & D
<b>4.</b>	Aggregated data (e.g. GWP Total only)	Granular data (e.g. GWP broken down into fossil, biogenic and luluc)
<b>5.</b>	Limited reporting on environmental impacts	Extended reporting on environmental impacts (e.g. human toxicity, biodiversity)
<b>6.</b>	Functional or declared units can vary	Standardised functional unit (in line with PCR EN 16783)

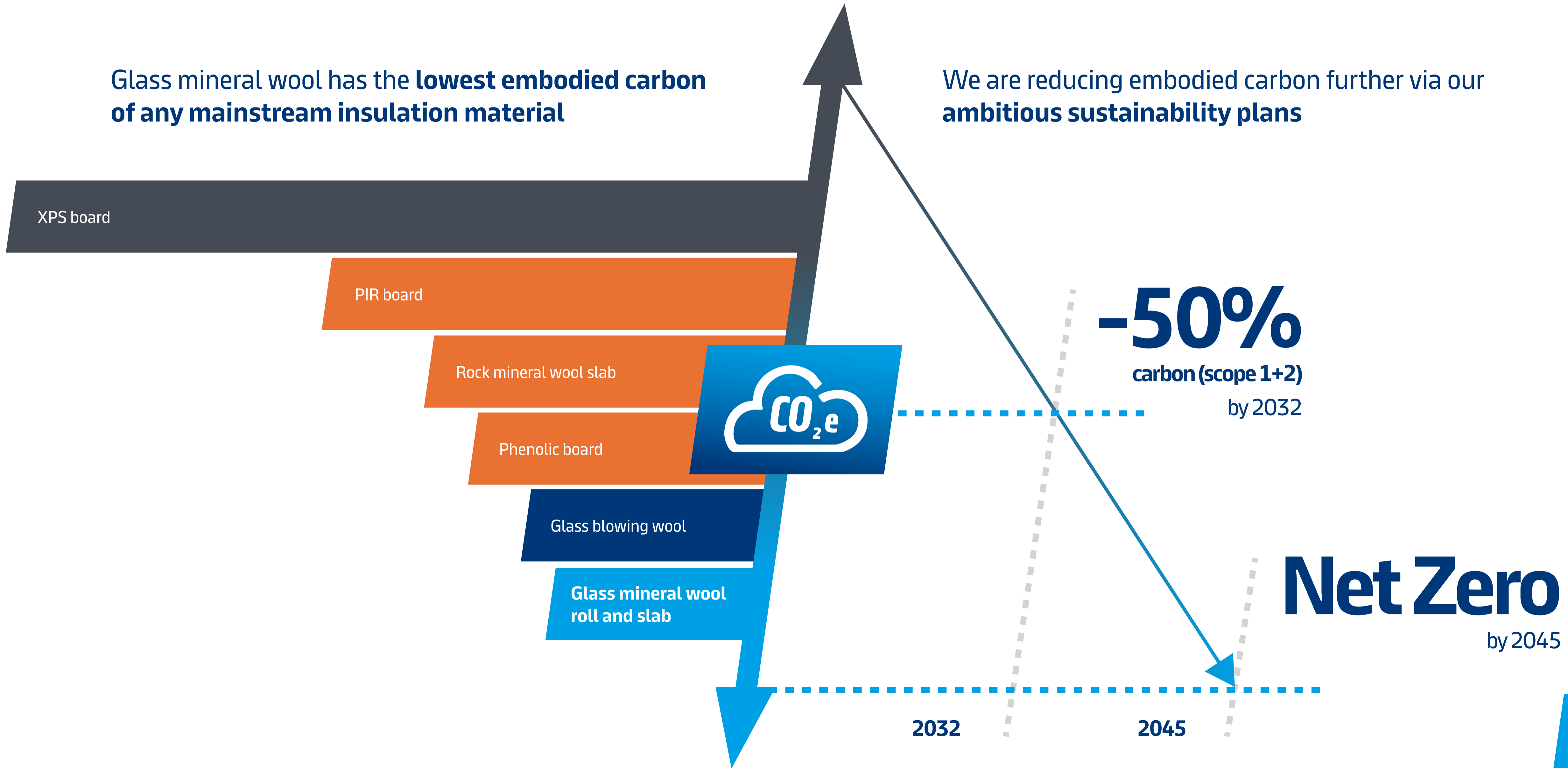
**+A1 & +A2 EPDs cannot be easily compared**

# EPD need-to-knows

## Knauf Insulation products are a low-carbon choice

Glass mineral wool has the **lowest embodied carbon of any mainstream insulation material**

We are reducing embodied carbon further via our **ambitious sustainability plans**

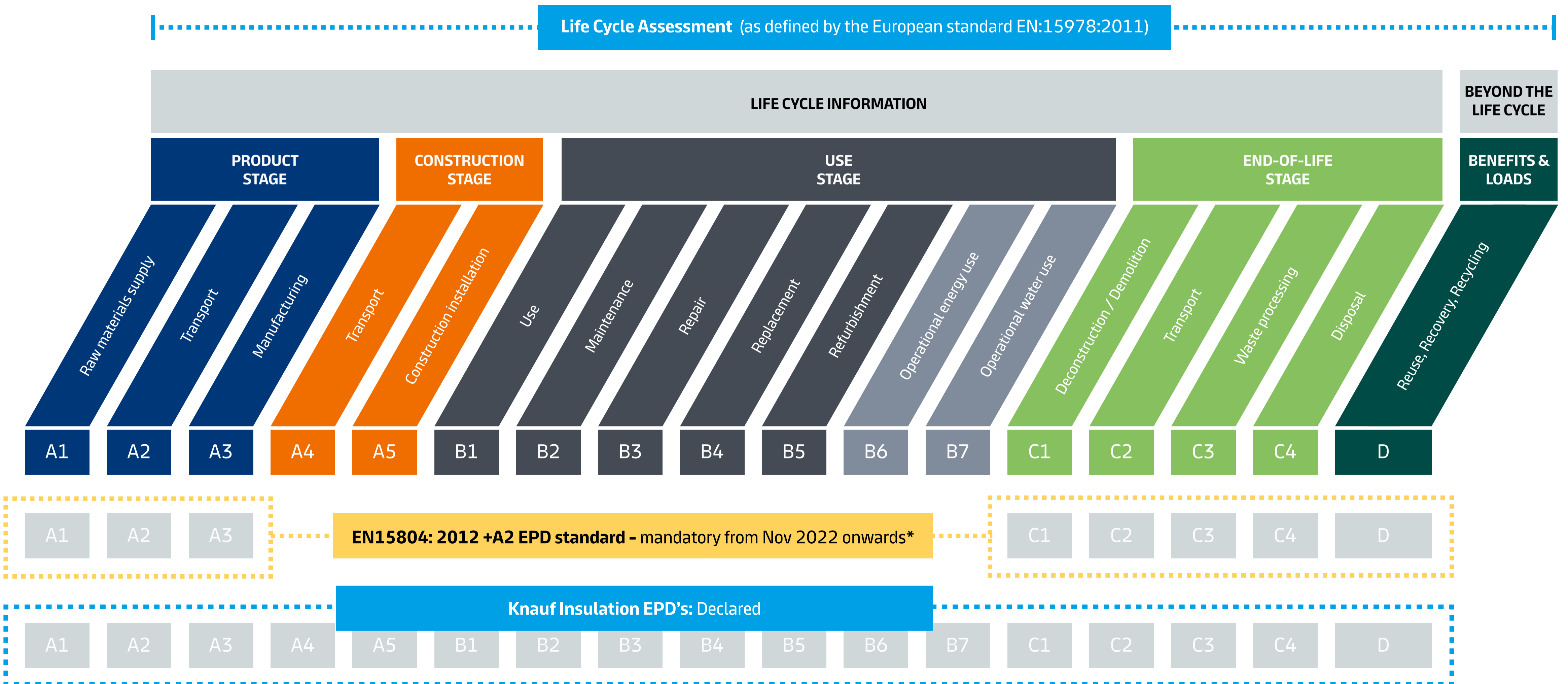


(Comparison based on published EPD data for R=1 in cavity insulation, checked April 2024)

# About Knauf Insulation's EPDs

## Life Cycle Assessment

We have **30 Product-Specific EPDs**, all produced to the latest standard EN15804+A2.  
 We **declare all stages (A-D)**, beyond the mandatory requirements of A1-A3, C1-D.



\*EPDs in EN15804: 2012 +A1 produced before 30/10/22 are valid until their expiry date.

# About Knauf Insulation's EPDs

## What's changed?

We updated all our glass mineral wool EPDs at the end of 2023.

**8%** Overall reduction in Whole Life Carbon (A-D)  
(9% cured rolls and slabs, 12% blowing wool)

### Biggest improvement in the Product stage (for example, 27% for cured products)

Reasons for this reduction:



All our electricity comes from **renewable sources**



Our products are manufactured using **ECOSE® Technology**, our unique bio-based binder that produces (neutral) biogenic carbon



**Continuous improvement to manufacturing processes**, with enhanced efficiency



Packaging film with **30-50% recycled plastic** content



**Increased compression**  
(15% more roll per pack on average and 25% more slabs per pallet)

Knauf Insulation's focus is to create:  
**low-carbon products for low-carbon buildings.**

**Our new EPDs show the positive progress we're making to deliver on this promise.**

[Download here](#)