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Danish Sustainable Concrete Initiative – Roadmap towards 2030

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Prepared together with Danish Concrete Association



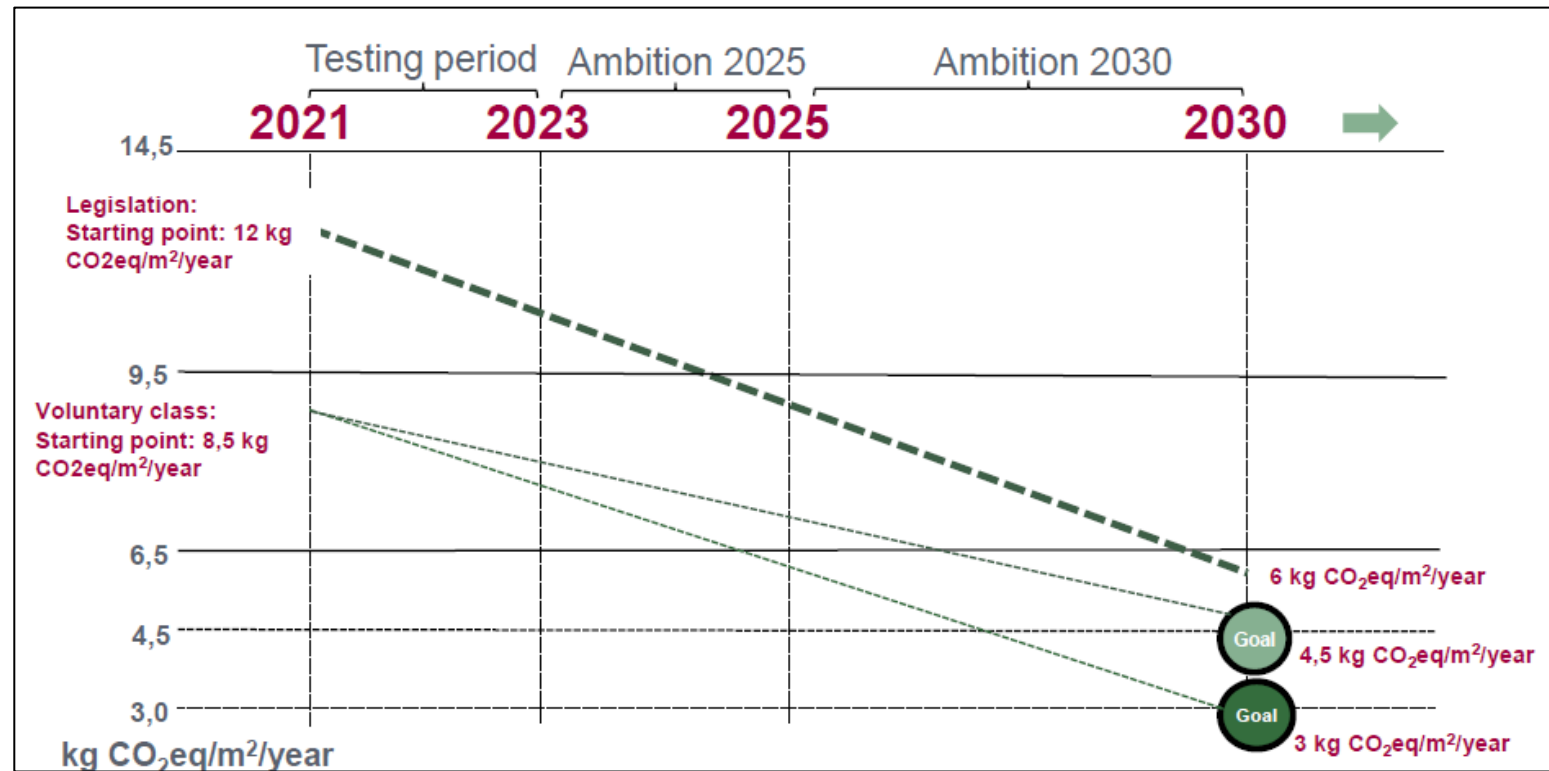
Ambitions of the Danish government

- CO₂ emissions must be reduced by 70% in 2030 compared to 1990



13 Climate Partnerships

- Concrete part of:
- The partnership for building and construction (headed by Aarsleff)
- The partnership for energy intensive industry (headed by Aalborg Portland)





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BÆREDYGTIG BETON  initiativ

dansk
beton

Sustainable Concrete Initiative

- Launched in 2019 by the Danish Concrete Association



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- Workshops, partner projects, conferences



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- More than 70 members and increasing – whole value chain
- Workshops, partner projects, conferences
- Roadmap developed to support implementation of Sustainable Concrete Initiatives
 - Supported by Innobyg



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<https://baeredygtigbeton.dk/>

BÆREDYGTIG BETON initiativ

[Om Bæredygtig Beton initiativet](#) [Partnere](#) [Partnerprojekter](#) [Dansk Betons projekter](#) [Forskningsprojekter](#)

Velkommen til Bæredygtig Beton initiativet

Her kan du læse om baggrunden for Bæredygtig Beton initiativet og se, hvem der er partner i projektet.

BÆREDYGTIG BETON initiativ

Nørre Voldgade 106
1358 København K



Bæredygtig Beton initiativet
er støttet af InnoBYG

Ring til os
72160000

Skriv til os
info@danskbeton.dk



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Roadmap

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BÆREDYGTIG BETON  **initiativ**

SUSTAINABLE CONCRETE INITIATIVE



ROADMAP TOWARDS 2030

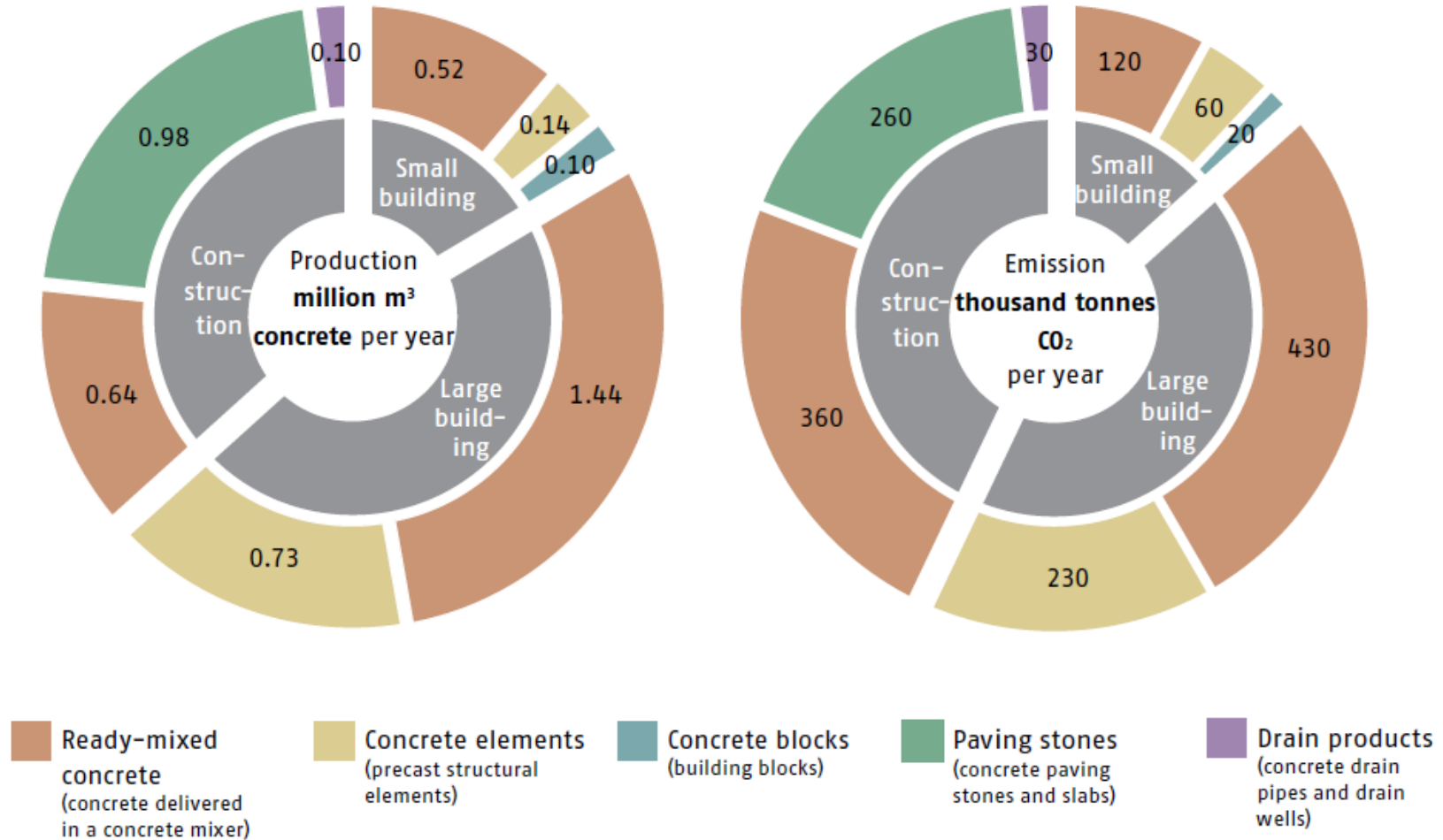
**50 % REDUCTION OF CO₂
EMISSIONS FROM CONCRETE
CONSTRUCTIONS**

dansk
beton



Baseline 2019

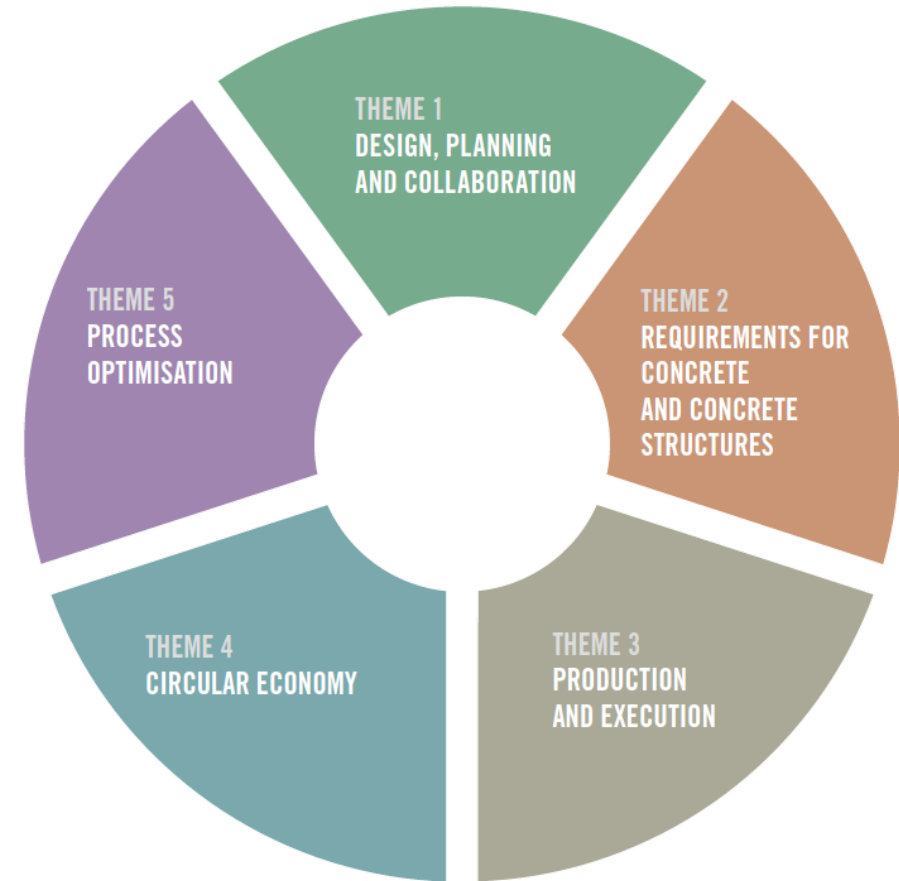
- 4.6 m³ concrete
- 1.5 mill tons CO₂
- ~ 10% reinforcement





35 initiatives

- Estimate time frame for implementation
- Estimate CO₂ reduction potential

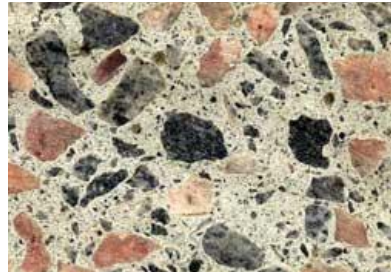




35 initiatives



Green cement and binder



Green concrete



Optimised use of
concrete



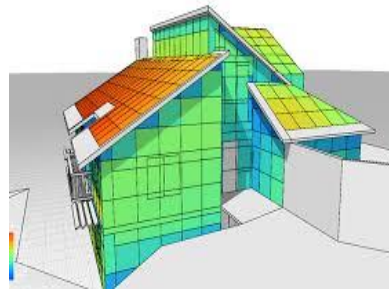
Production



Recycling



Reuse



Heat accumulation



CO₂ uptake