

# Swedish cement industry towards a climate neutral built environment

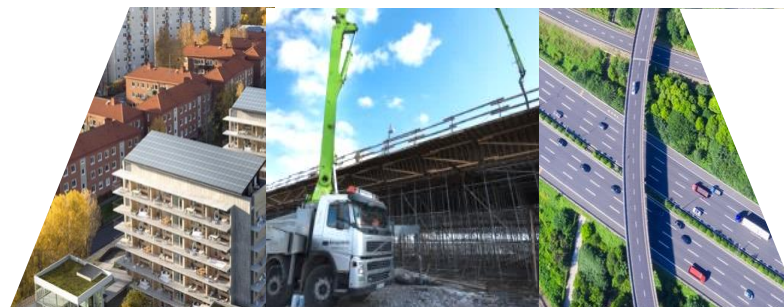
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# A sustainable built society

## SUSTAINABLE SOCIETY



## INCREASED DEMAND OF BUILDING MATERIALS



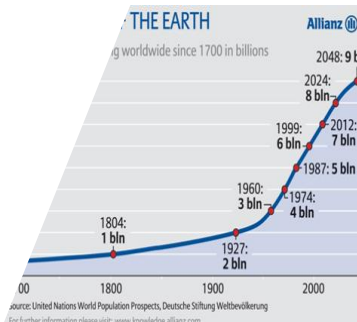
PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21·CMP11



PARIS  
AGREEMENT

CLIMATE  
CHANGE

## POPULATION GROWTH



## URBANISATION



# Cement enabling climate neutral construction

- Concrete necessary in a sustainable built environment
  - ...and a building material needed for reaching the SDGs!
  - Cement is the key ingredient in concrete.
- Swedish and Norwegian cement industry's climate zero vision:
  - Innovation and elimination of fossil fuels.
  - Carbon capture, storage and use (CCS, CCU) – key in reaching zero vision.



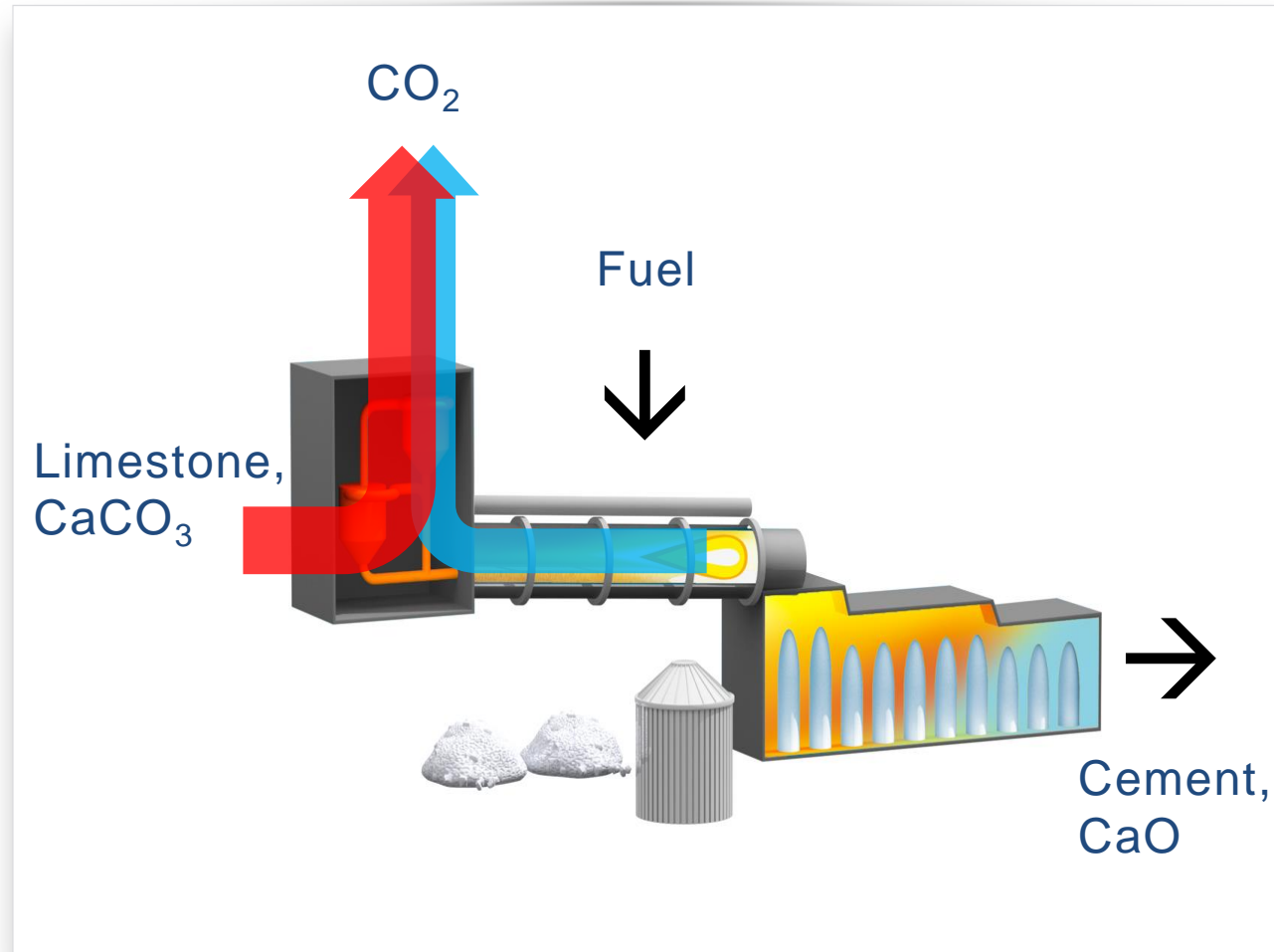
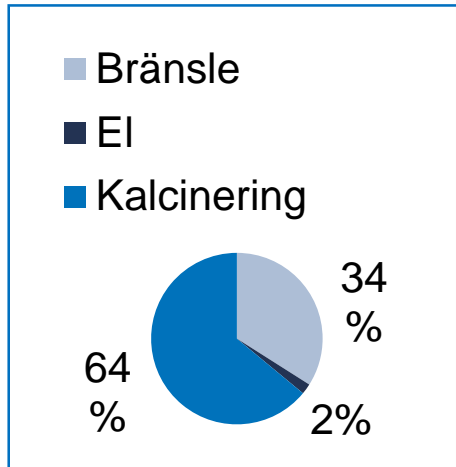


# Cement industry in Sweden

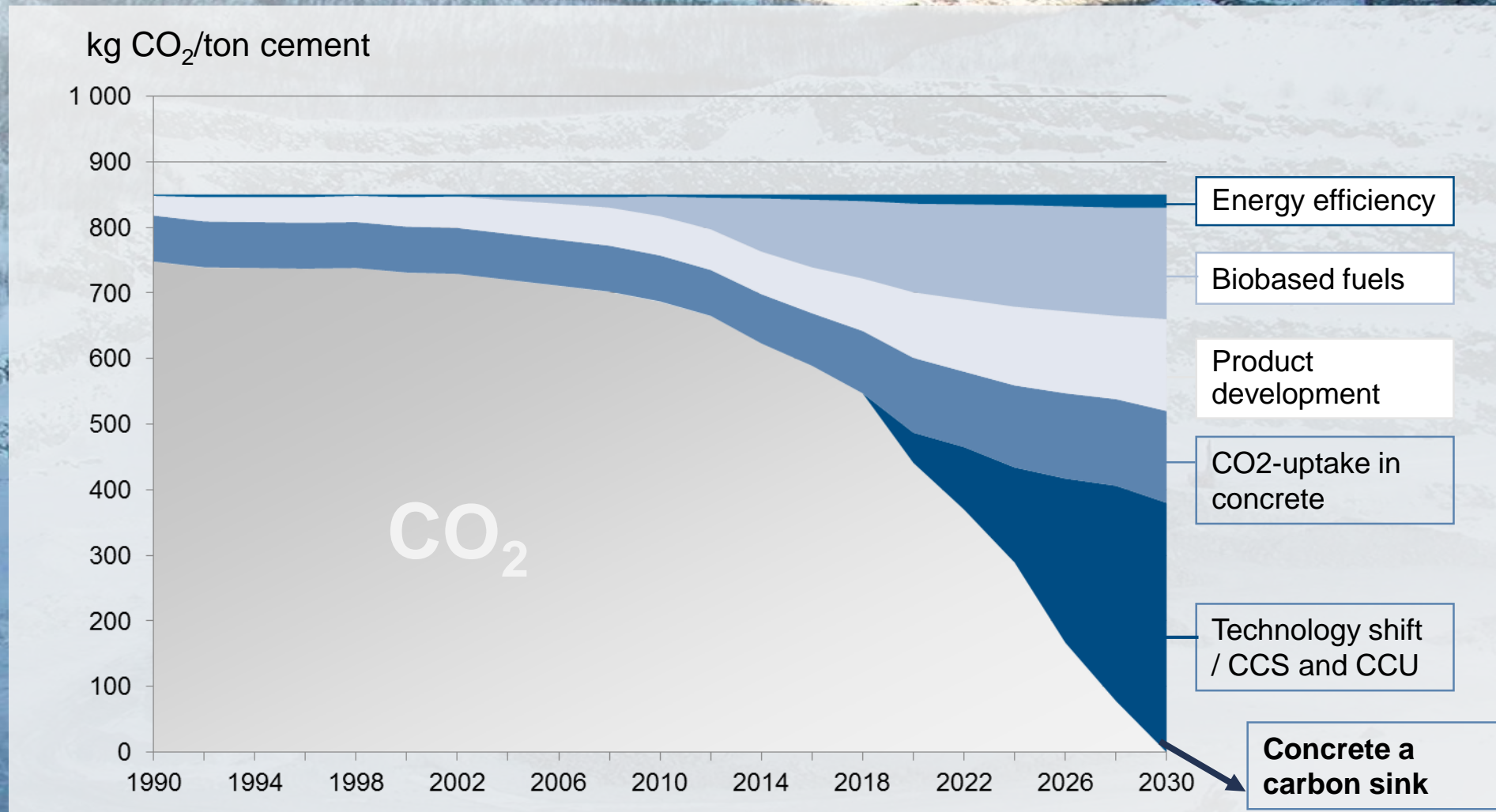
2017 (1,000 tonnes)		
Plant	Grey cement clinker	CO <sub>2</sub>
a) Skövde	471	399
b) Degerhamn	254	251
c) Slite	2,069	1,602
Total Sweden	2,793	2,252



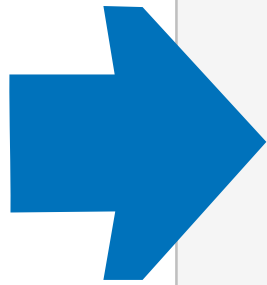
# Our climate challenge



# Zero CO<sub>2</sub>-emissions of our products life cycle







Public policy and  
regulations  
– is it supporting change?



# How we make it happen!

- Public procurement including sustainability parameters based on life-cycle analysis (LCA).
- Public support enabling carbon capture in cement industry.
- A national CCS/CCU strategy with international outlook.

 TOGETHER TOWARDS A CLIMATE NEUTRAL BUILT ENVIRONMENT 2045!

