

Charlotte Gjedde
Senior Project
Manager





Politicians



Authorities



Companies



Media

We serve international political and commercial decision makers



What gives us credibility and agility



Public



Public - Private
Partnership



Private





Public - Private Partnership

Public

Private

Government



MINISTRY OF FOREIGN AFFAIRS OF DENMARK



Danish Ministry of Climate, Energy and Utilities



Ministry of Environment and Food of Denmark



MINISTRY OF INDUSTRY, BUSINESS AND FINANCIAL AFFAIRS

Business organisations



Confederation of Danish Industry
Voice of 10,000 Danish companies



DANISH ENERGY
Representing 60 Danish energy companies



Representing 200 companies in wind energy



Danish Agriculture & Food Council
Representing 186,000 employees in the farming and food industry

Corporate sponsors



Sustainable energy technologies



Engineering sustainable constructions



Sustainable wind power solutions



Largest trade union, representing 280,000 employees



Trade union for 230,000 workers



GRUNDFOS
#1 in energy efficient pumps



World leader in stone based insulation



Leading green energy utility



Developer of renewable energy power plants

PensionDanmark
One of the 50 largest pension funds in Europe



State of Green
Connect. Inspire. Share. Think Denmark



What we do

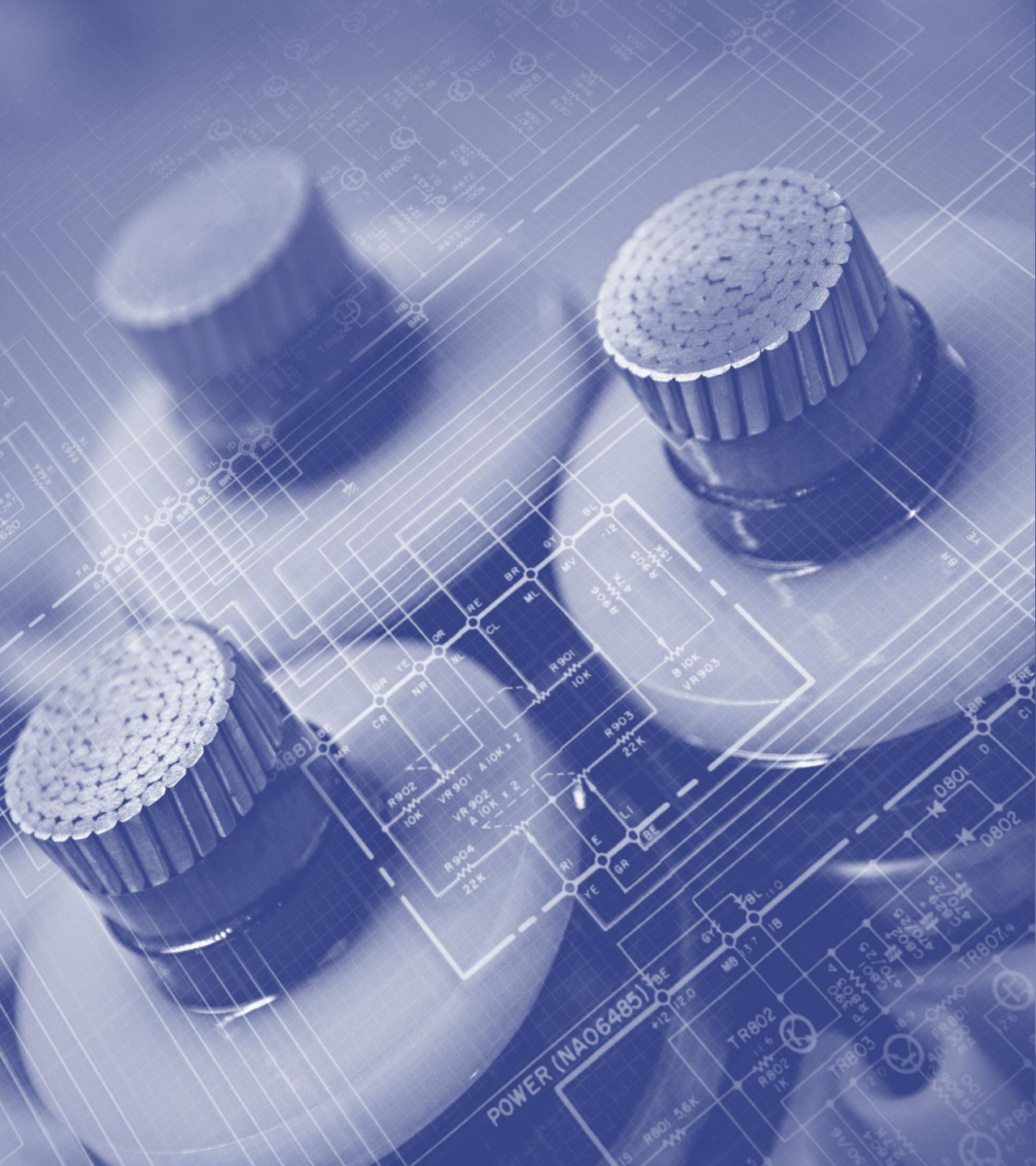


How we do it



	
Selling and servicing	Project development
<i>For profit</i>	Sharing knowledge and fostering relations
	<i>Not-for-profit</i>

	We inspire and connect	
Global Challenges		Solutions

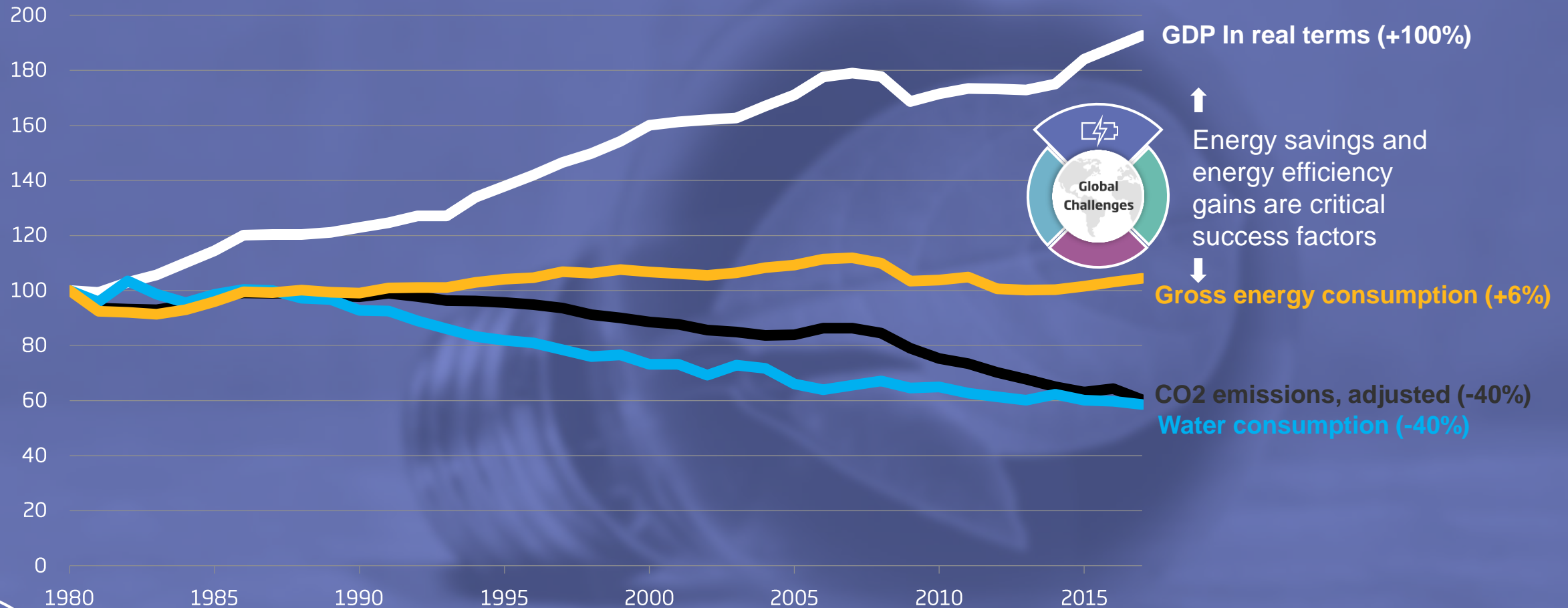


The greenest, cheapest and most reliable energy is the energy you do not use.

Growth with reduced stable energy consumption

1980 = INDEX 100

2018



GDP In real terms (+100%)

Gross energy consumption (+6%)

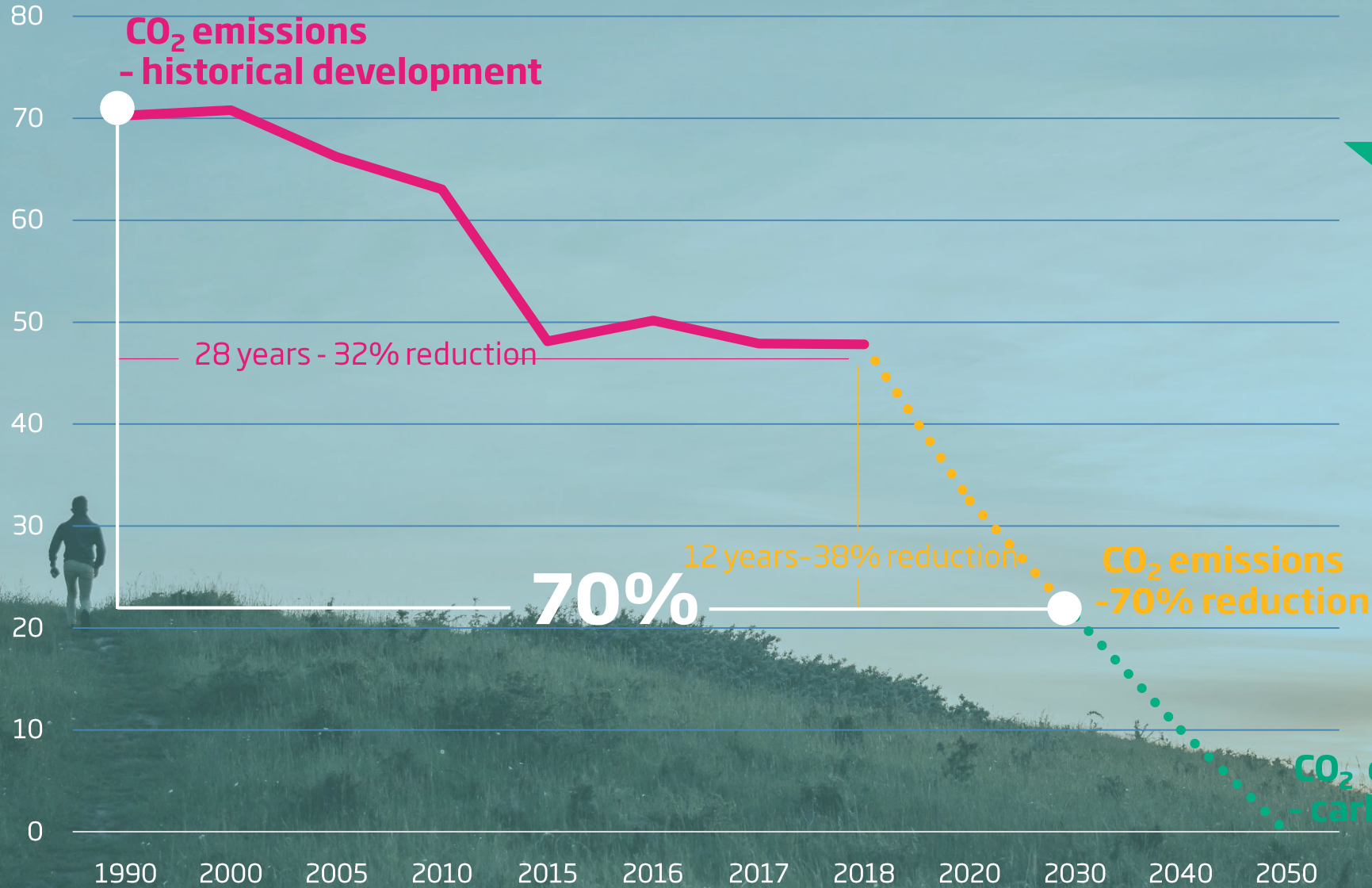
CO2 emissions, adjusted (-40%)

Water consumption (-40%)

Source: Statistics Denmark, the Danish Energy Agency and DANVA



Mio. ton of CO₂ equivalent



70%
CO₂
emissions
TARGETS

Energy efficiency in regulation

Stick: CO2 tax on coal, oil and natural gas
Carrot: Voluntary agreement scheme for energy-intensive industry in Denmark

Oil crises → Broad array of energy-policy initiatives launched with focus on **energy savings** and diversified energy supply

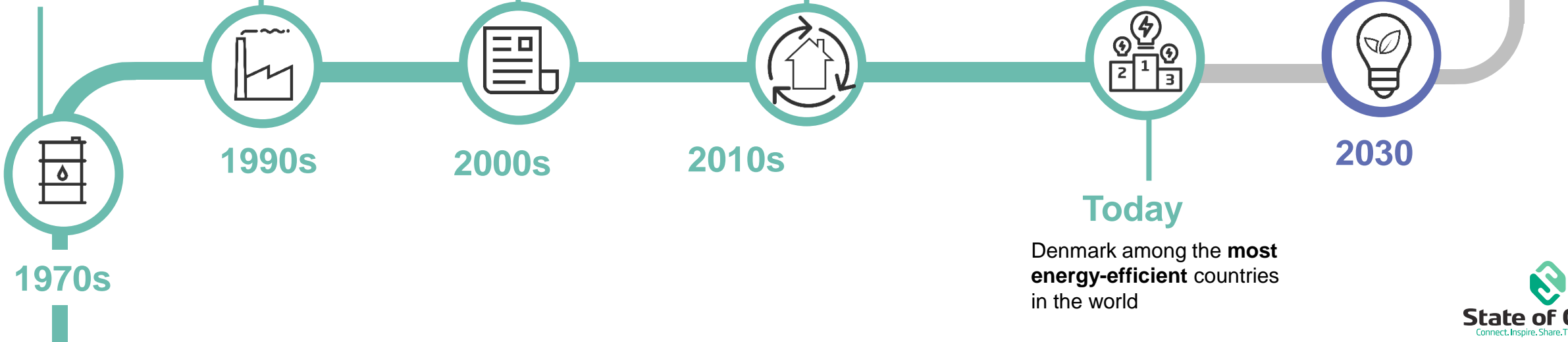
Energy efficiency obligation scheme for utility companies

Building code 2020 (BR18):
Max. 20 kWh/m²/year

Strategy for **retrofitting existing buildings**

32.5% energy efficiency

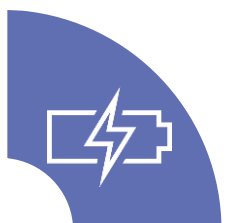
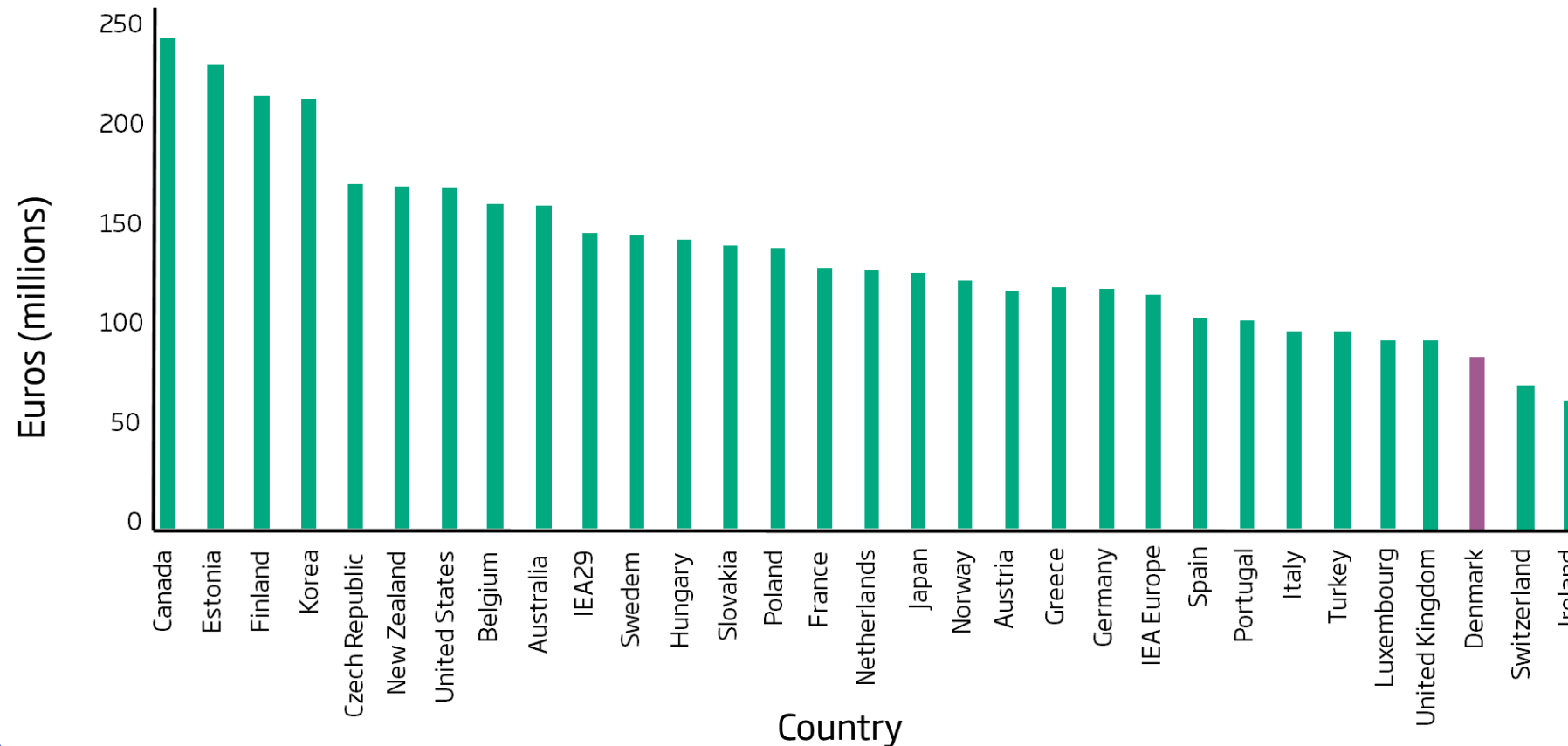
Denmark among the **most energy-efficient** countries in the world



Denmark one of the most energy intensive

Energy intensity in IEA countries

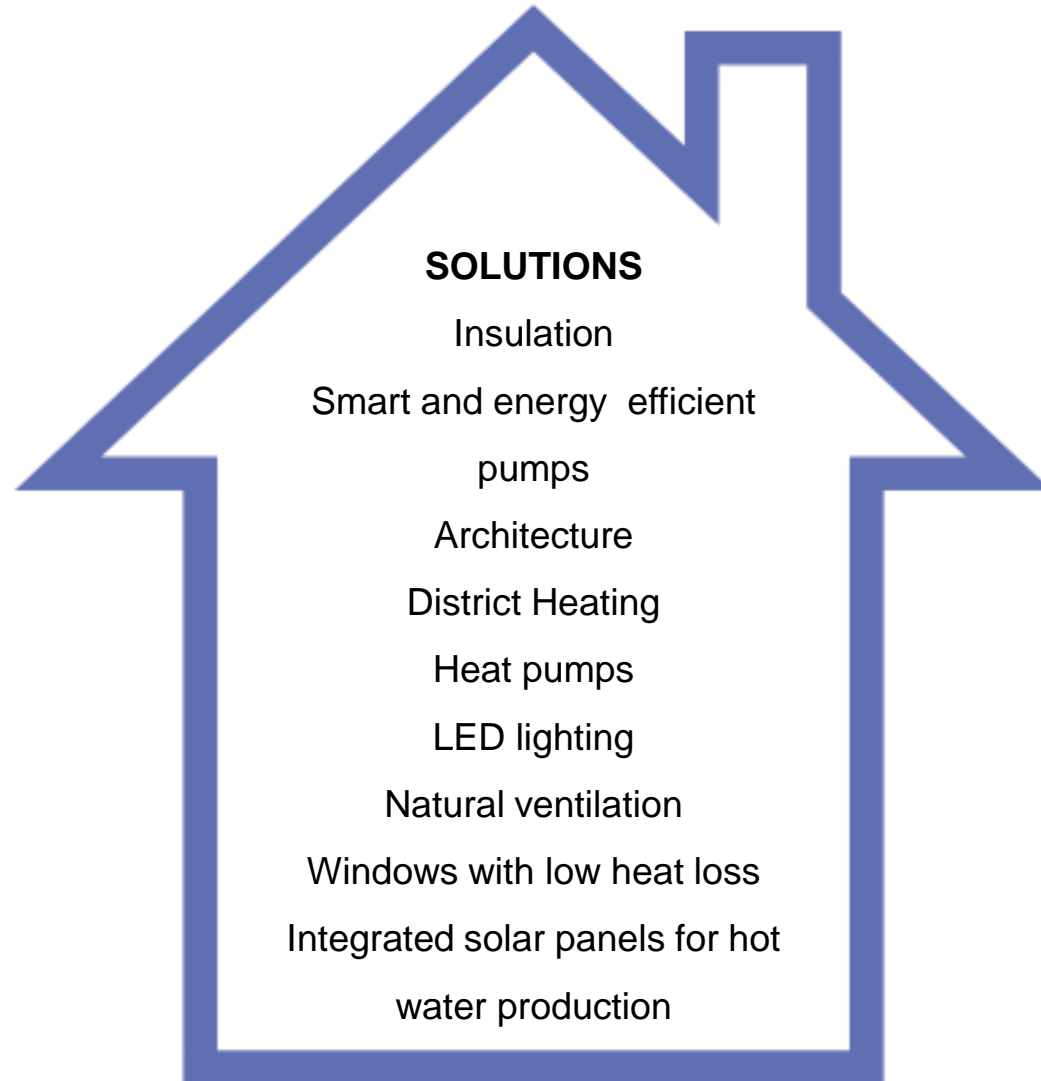
TPES/GDP





Buildings represent app. 40% of all energy consumed globally.

Energy efficiency in buildings

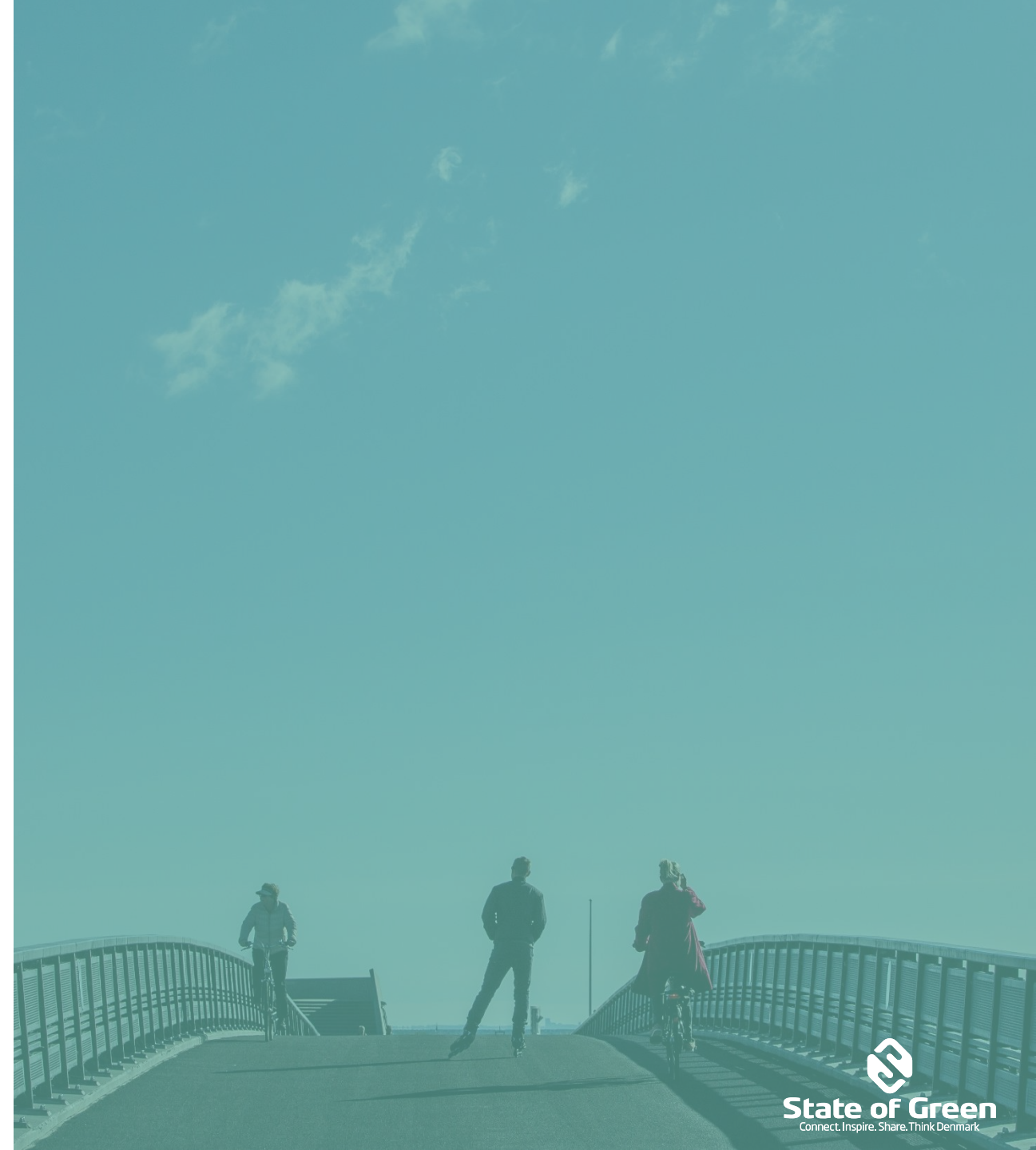
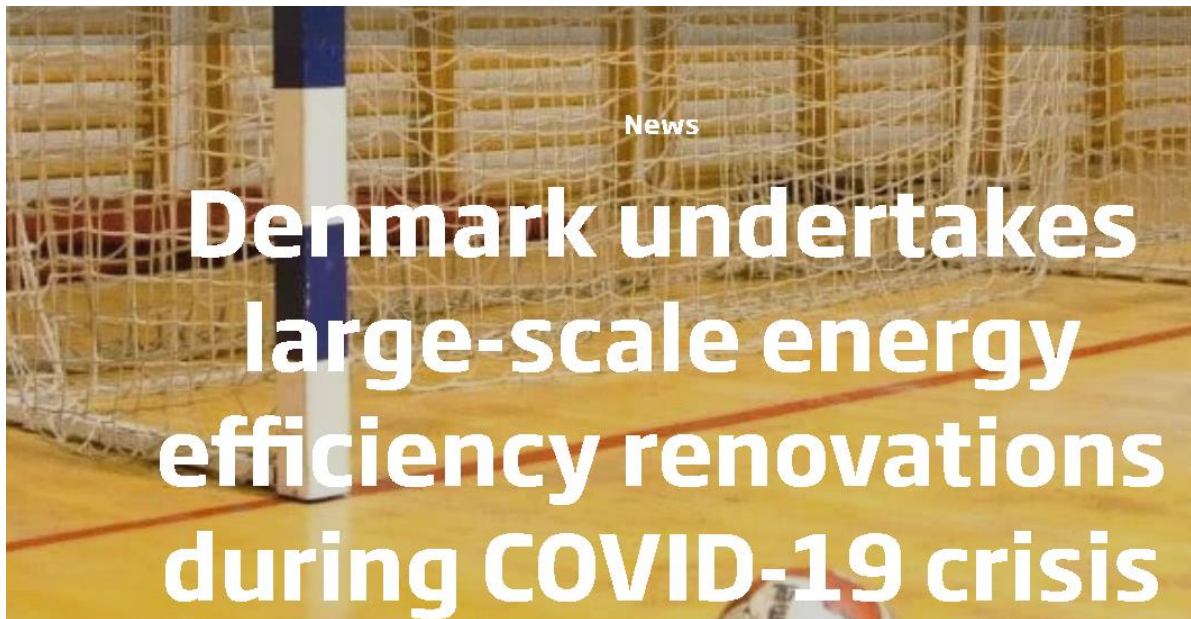


- Approx. 40% of total Danish energy consumption is used for **heating, ventilation** and **lighting** in buildings.
- **Retrofitting** existing buildings with proper **insulation**, windows with **low heat loss** and optimally controlled **ventilation and heating systems** reduces energy consumption substantially.
- The potential for energy savings in the **existing Danish building stock** is around **70-75%** up to 2050.



COVID-19 investments

- The Danish government has decided to *suspend the limit on the construction budget for Danish municipalities*, which normally regulates public expenditure. The **increased expenditure is expected to amount to around EUR 340 million** in advanced investments, while **payments to contractors at the amount of EUR 740 million** are advanced.
- <https://stateofgreen.com/en/partners/state-of-green/news/denmark-undertakes-large-scale-energy-efficiency-renovations-during-covid-19-crisis/>



The story of Denmark's green transition



2050 goal:

- Low carbon society - **Denmark independent of fossil fuels by 2050**

Other effects

- Produce more renewable energy than we consume
- Non-ETS sectors (agriculture, transportation, buildings)
- Moving towards a circular economy

Energy and resources



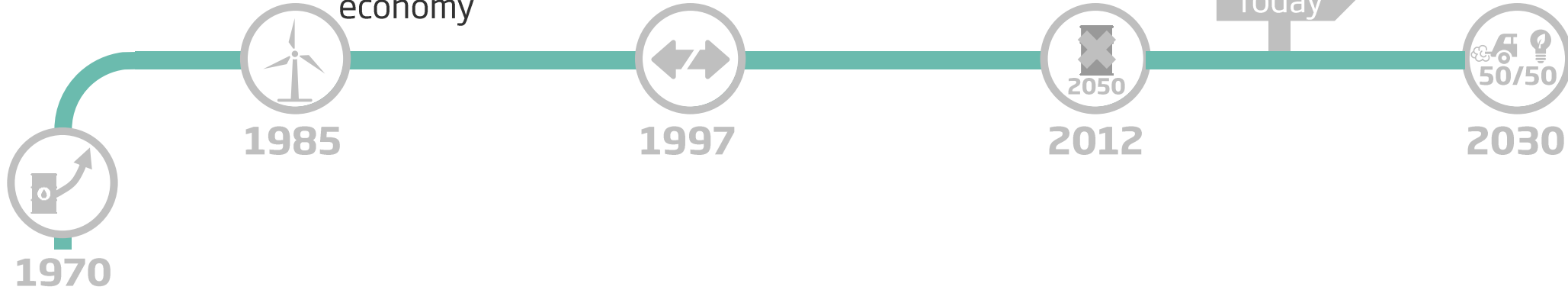
Renewable energy in energy consumption



Water savings since 1980



Share of household waste recycled

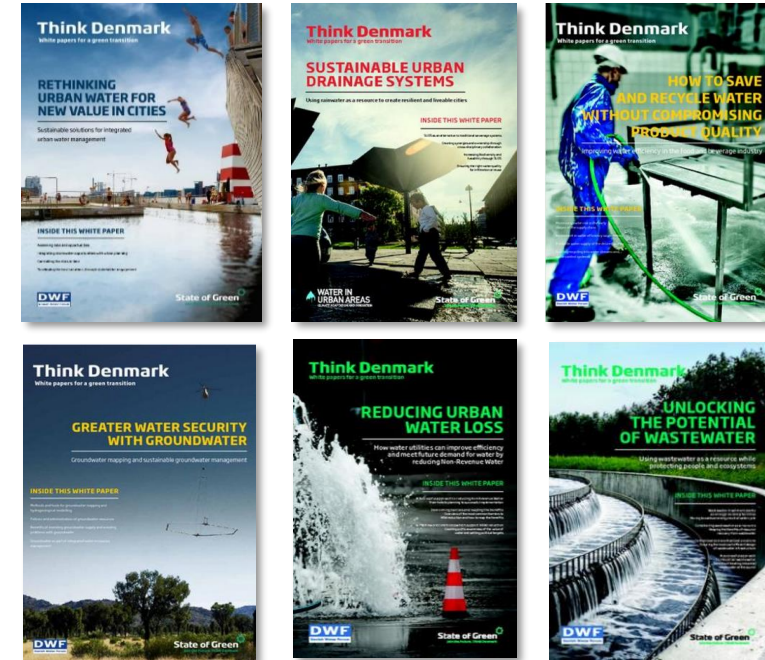


Sector White Papers for international decision makers

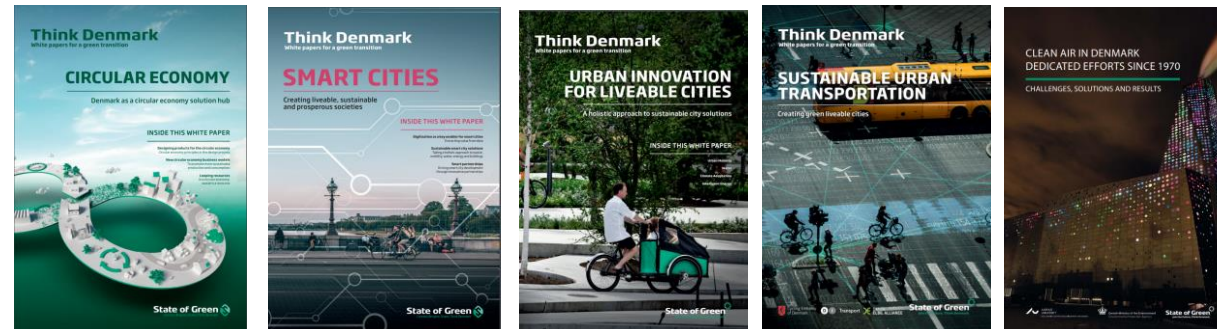
ENERGY



WATER



CIRCULAR ECONOMY



CITIES

Let's accelerate the green transition

TOGETHER

How can WE help YOU in YOUR green transition?

Connect.

Find Danish green partners

Inspire.

Sign up to our newsletter

Share.



Connect. Inspire. Share. Think Denmark

A world map with a teal background and a light teal map overlay. Numerous red circular pins are scattered across the map, indicating various global locations. The pins are most densely clustered in Europe and North America, with smaller groups in South America, Africa, Asia, and Australia.

Thank you for your attention

**Don't hesitate to reach out to us at
stateofgreen.com/en/contact/**