

# Welcome to State of Green

Presenter: Maja Østergaard

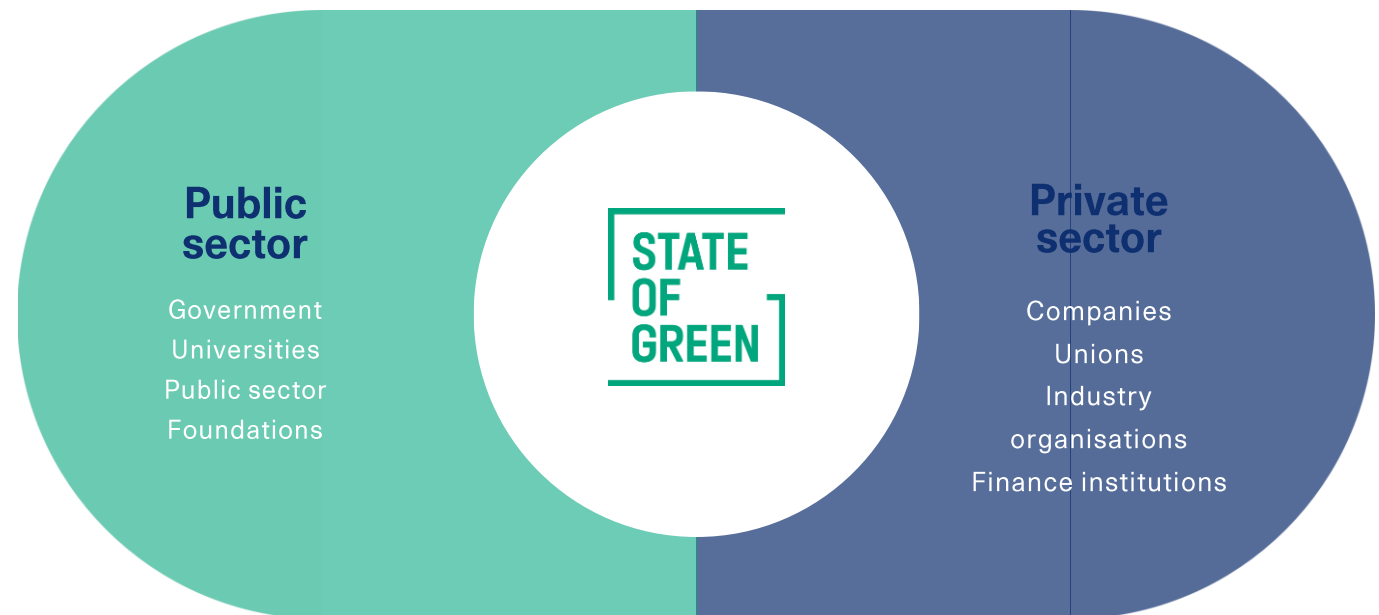
STATE  
OF  
GREEN



**STATE  
OF  
GREEN**

# Bridging the green gap between the public and private sector

We are the only one-point entry to both the public and the private sector, gathering state-of-the-art green knowledge and solutions from Denmark.



# Public-private partnership

Public

Private

Government

Business organisations

Strategic partners

Associate partners



**TOPSOE**

**PensionDanmark**



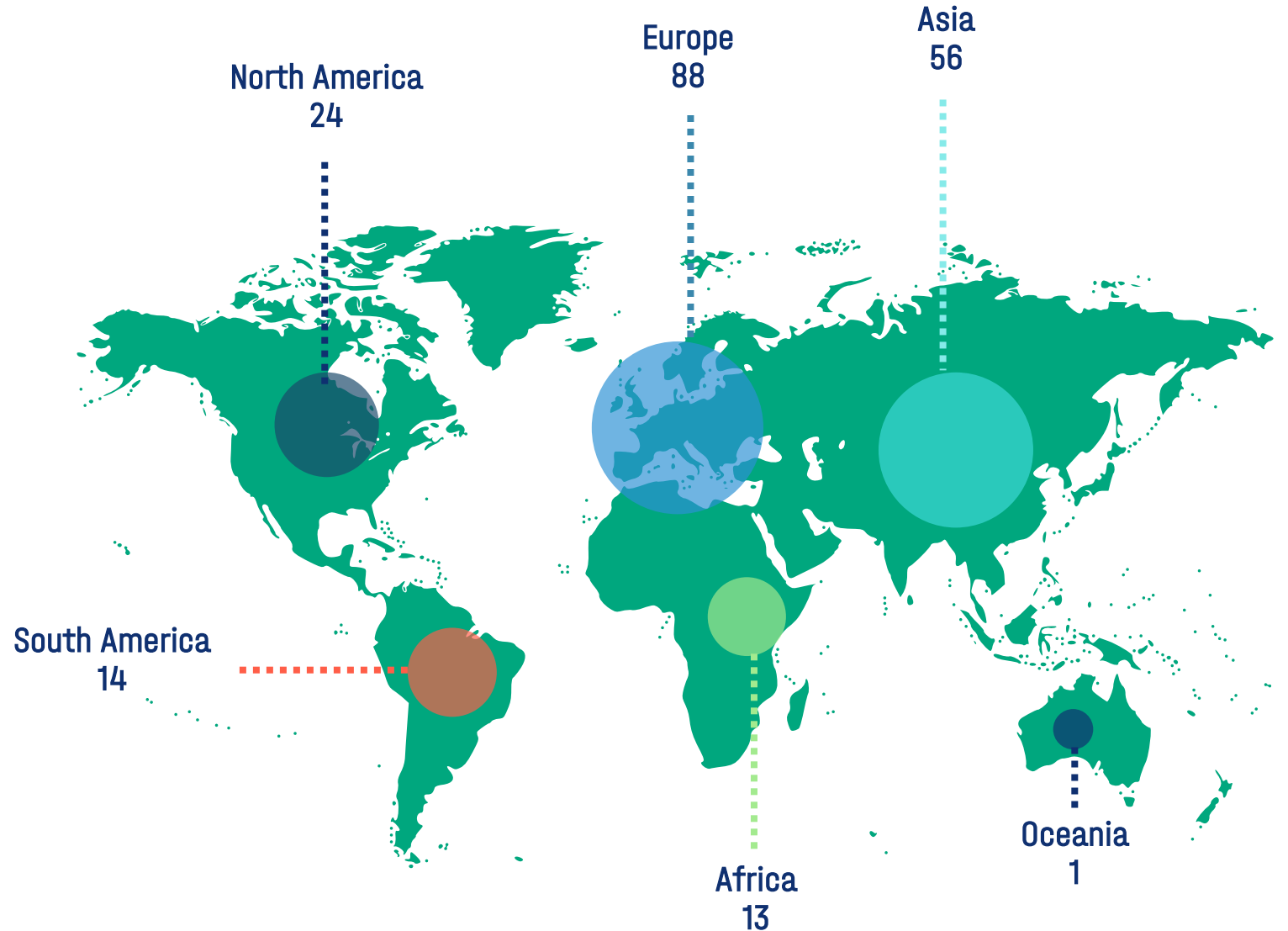
**COWI**



# Our global impact

Every year, State of Green welcomes hundreds of delegations from all over the world at House of Green and engages international decision makers through online and in-person events.

In 2023, State of Green welcomed more than 175 delegations at House of Green.



# Denmark is a small country. We emit 0.1% of the global greenhouse gases

Denmark

0.1%



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By 2030, we will reduce  
greenhouse gas emissions by

00%

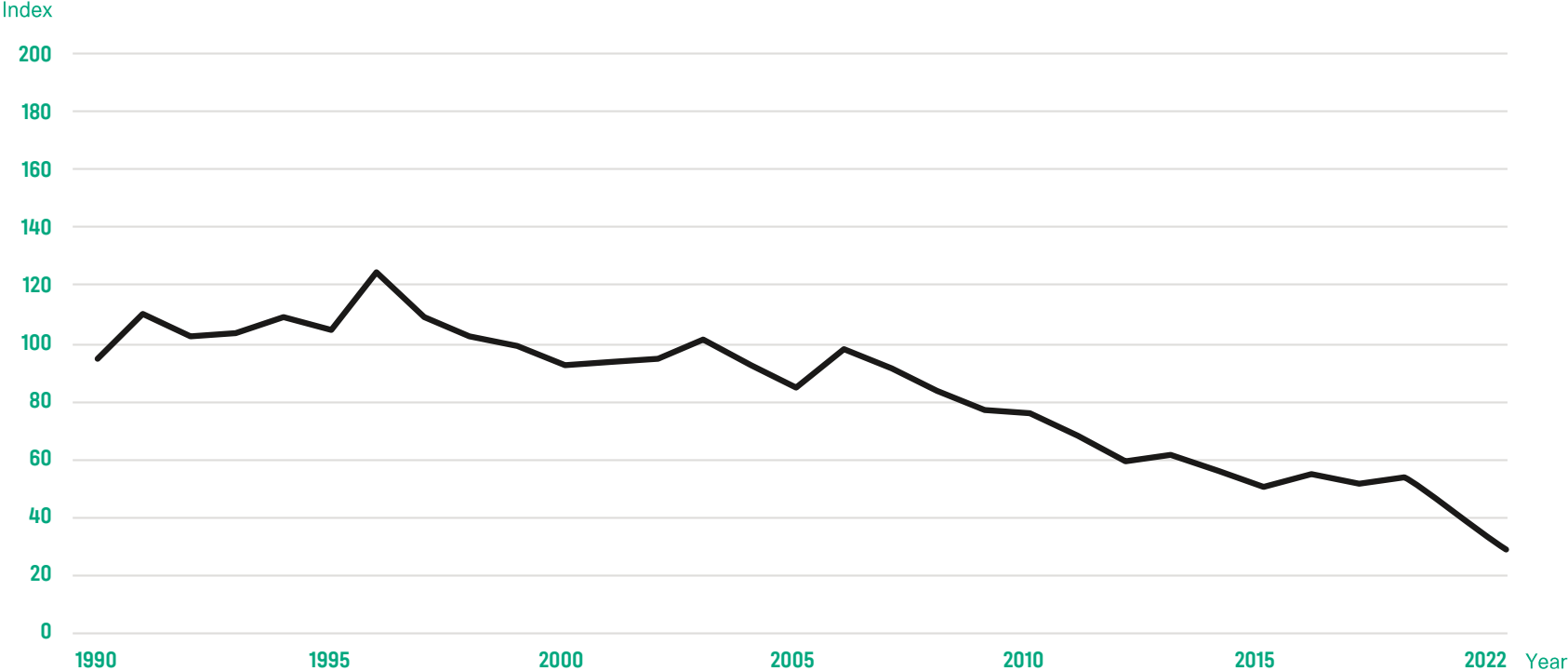


An aerial photograph of a city river, likely in Copenhagen, Denmark. The river flows through the center of the frame, with a yellow boat moving across it. On the left bank, there are modern glass-fronted buildings, one of which has 'Nykredit' written on it. In the background, a bridge spans the river, and various city buildings and a church spire are visible under a cloudy sky. The overall scene is a mix of urban architecture and natural waterways.

By 2050, we will reach

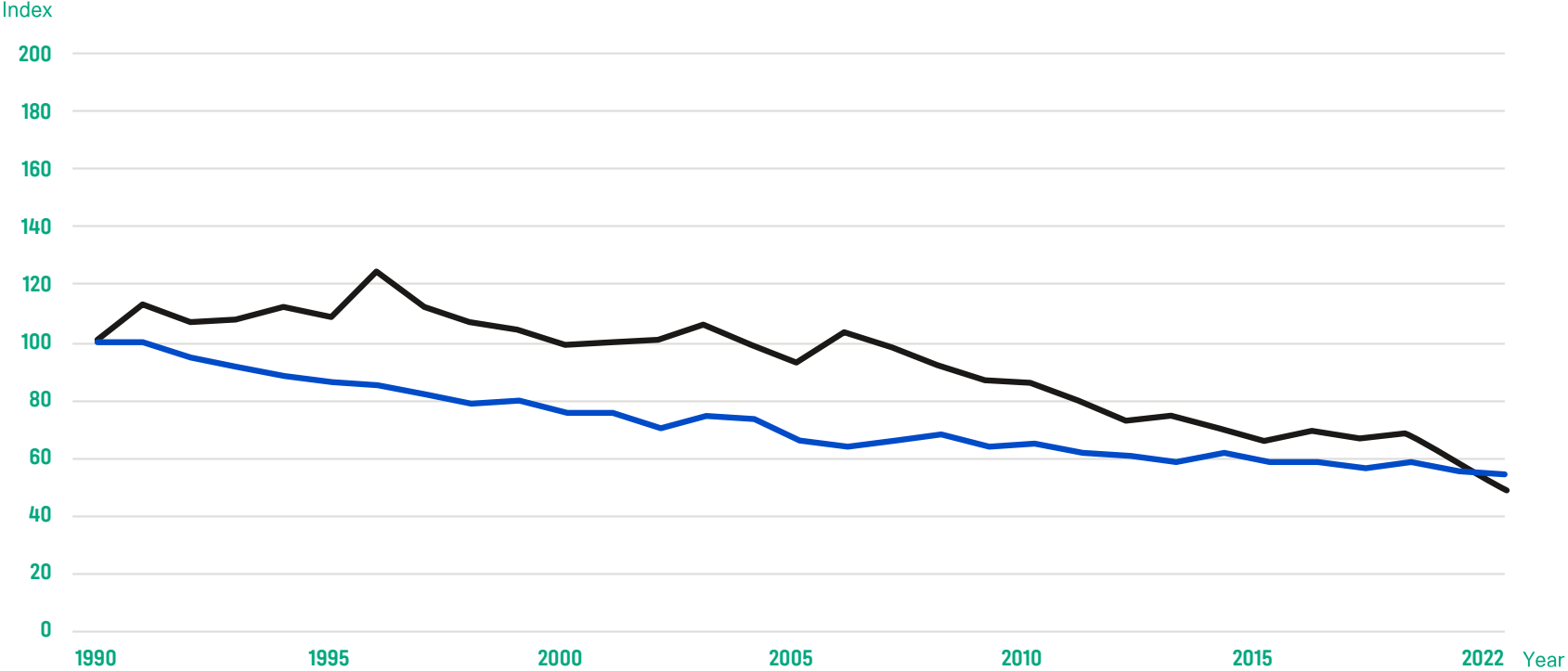
net-zero

# Since 1990, we have reduced greenhouse gas emissions by 45%



**-45%**  
CO2e

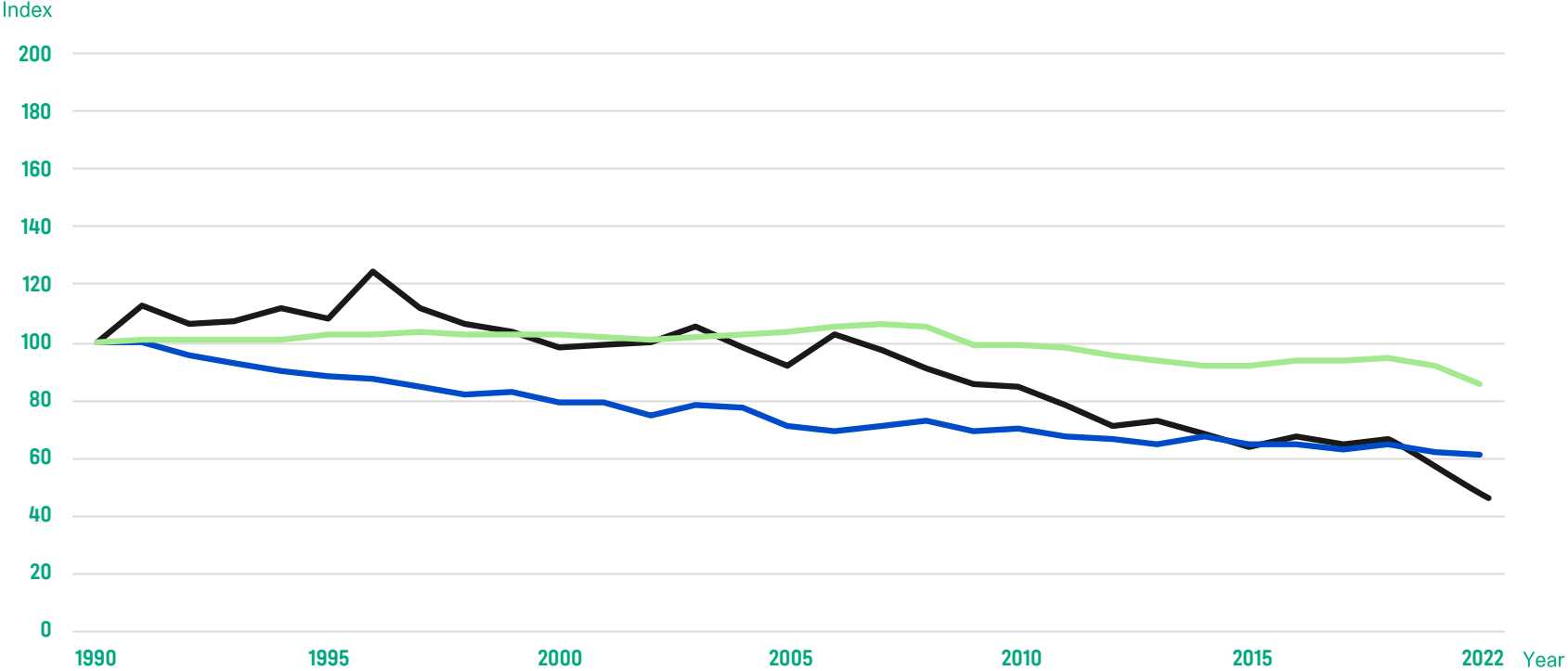
# We have reduced our water consumption by 41%



**-40%**  
water consumption

**-45%**  
CO2e

# We have reduced our energy consumption by 15%

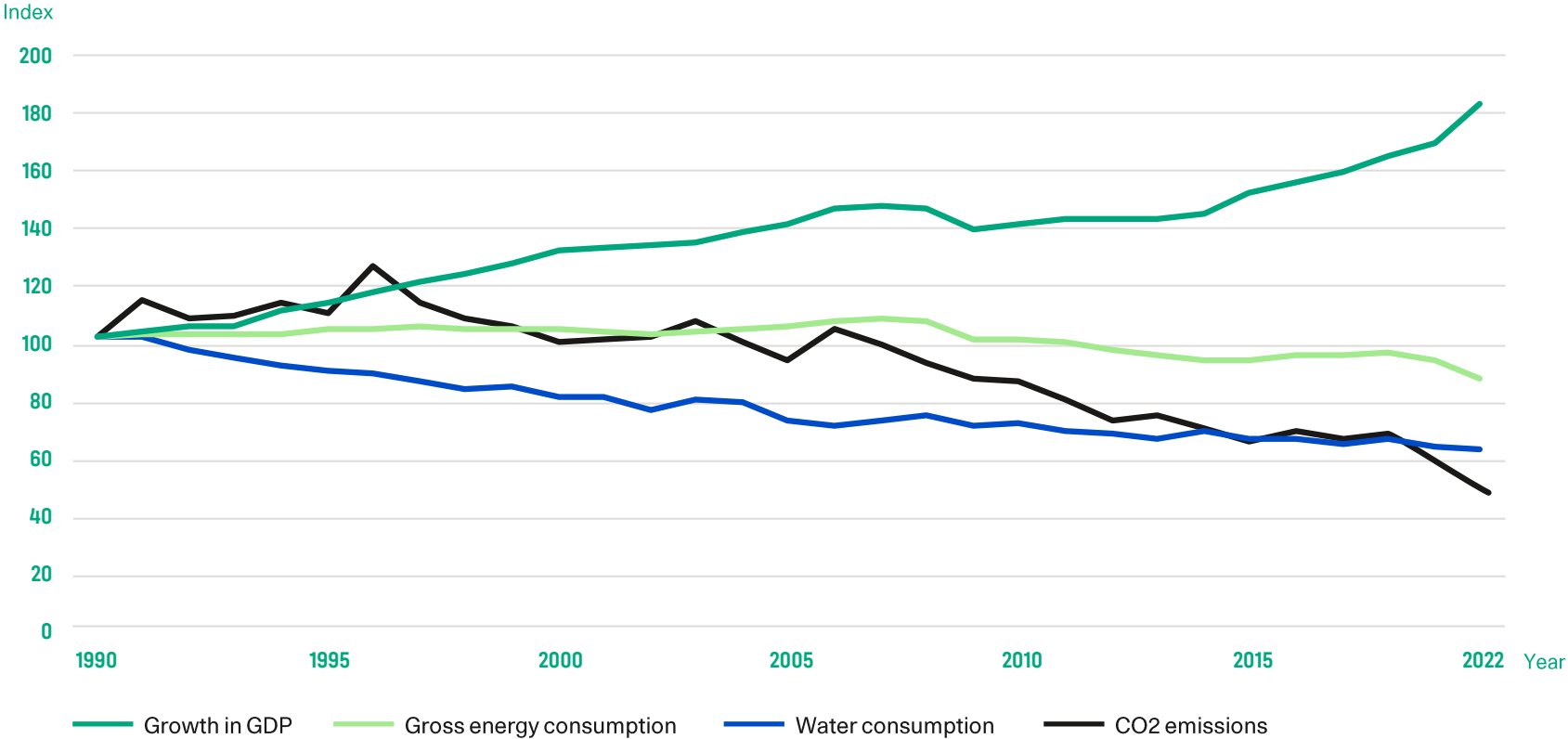


**-15%**  
gross energy consumption

**-40%**  
water consumption

**-45%**  
CO2e

# We have increased GDP by 76%



**76%**

growth in GDP

**-15%**

gross energy consumption

**-40%**

water consumption

**-45%**

CO2e

# Denmark's green transition



**We haven't always been this green**

**It took 50 years of hard work**





1970s

**Wake-up call: oil crisis**

Pollution and growing environmental awareness

1980s

**Energy diversification and energy efficiency steps**

Environmental regulatory action



1990s

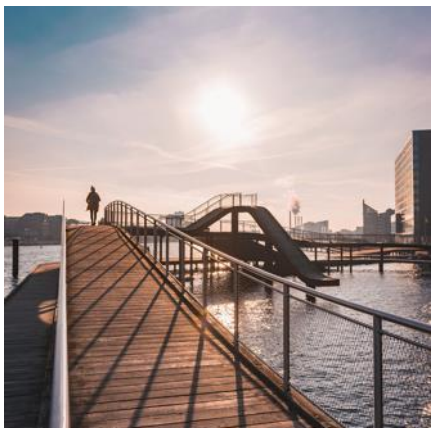
**Energy self-sufficiency**

Stricter environmental regulation and growing influence on EU policies

2000s

**Scaling offshore wind energy**

New paradigm: Considering waste as a resource



2010s

**Net-zero vision 2050**

Extreme weather events lead to climate adaptation

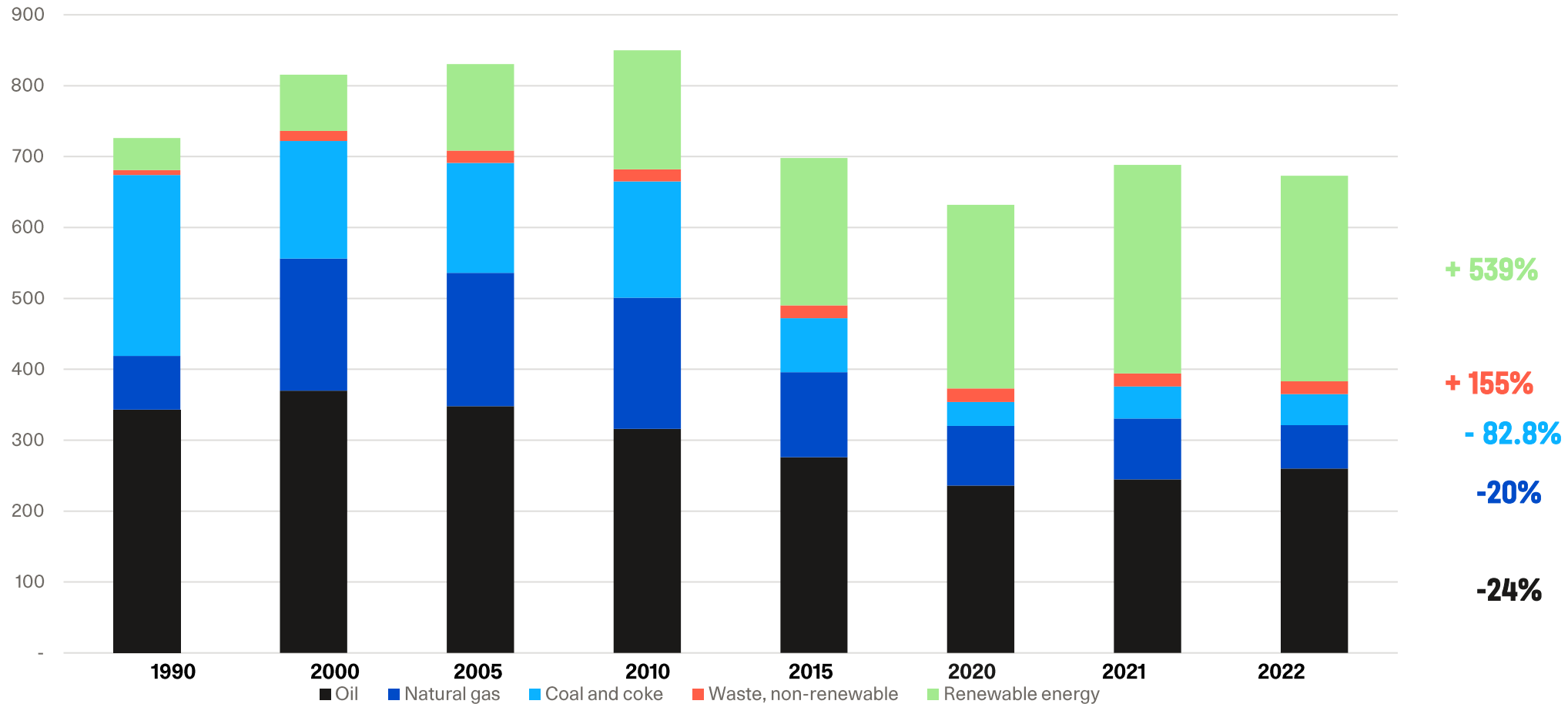
2020s

**Bold climate targets and comprehensive action**

Moving towards a circular economy

# Denmark's energy mix over time

Gross energy consumption\* (PJ)



+ 539%

+ 155%

- 82.8%

-20%

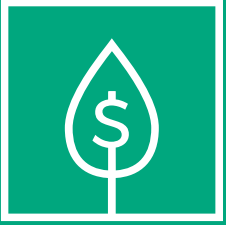
-24%

\*Adjusted for climate variations and for fuels for net electricity

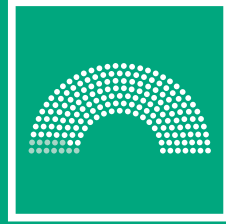
An aerial photograph of a modern building with a prominent green roof. The building's facade is covered in a grid of dark, rectangular panels. A large white wind turbine is visible on the left side of the frame. In the background, a city skyline and a body of water are visible under a clear sky. The text "What have we learnt?" is overlaid in the center in a bold, green font.

**What have we learnt?**

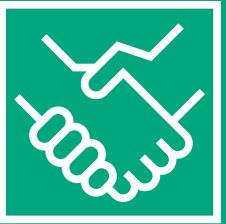
**Financing**



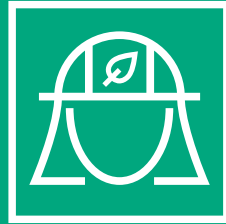
**Broad political agreements**



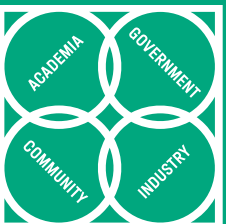
**Public-private partnerships**



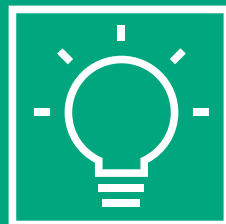
**Just transition**



**Societal collaboration**



**Research and development**

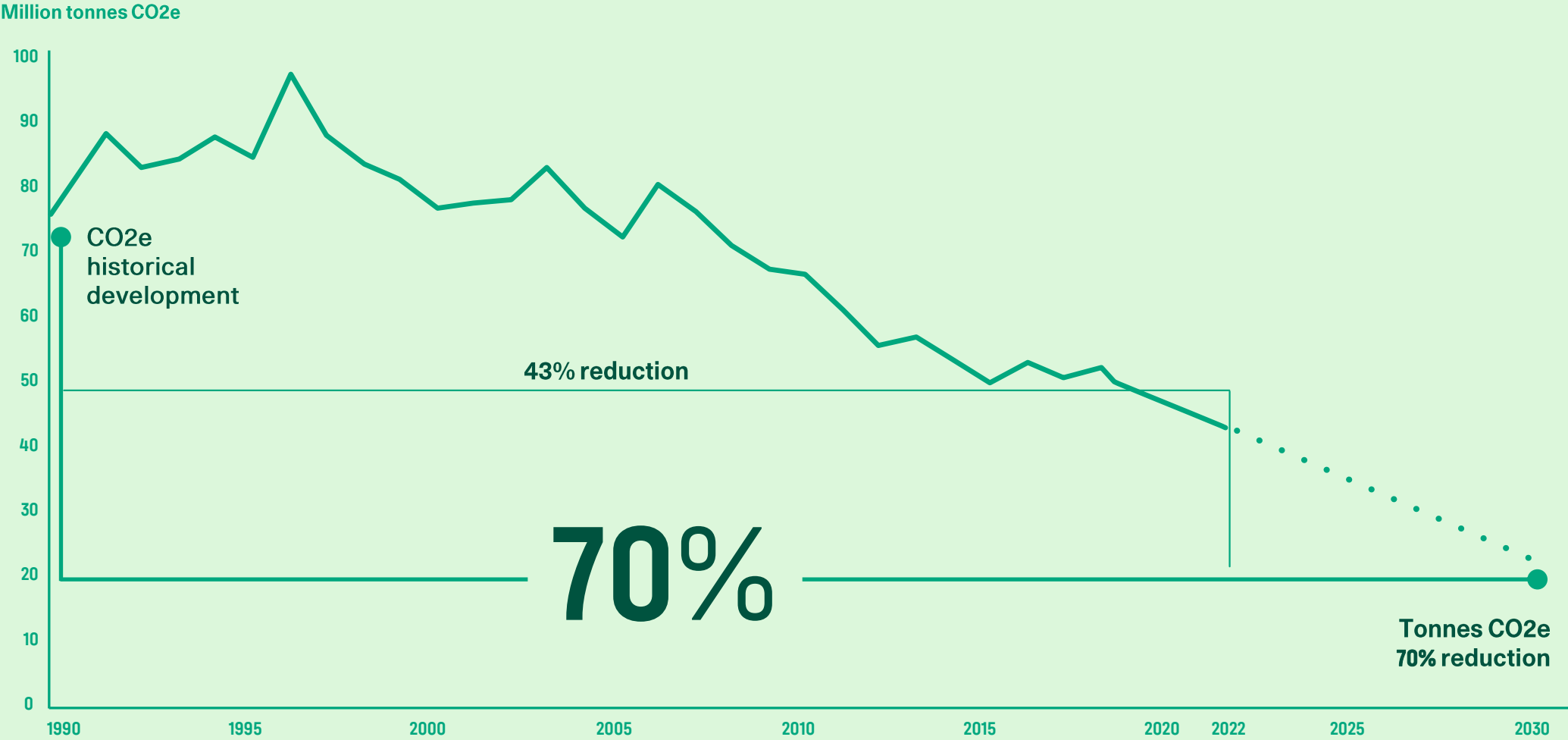


**1970s**



**2020s**

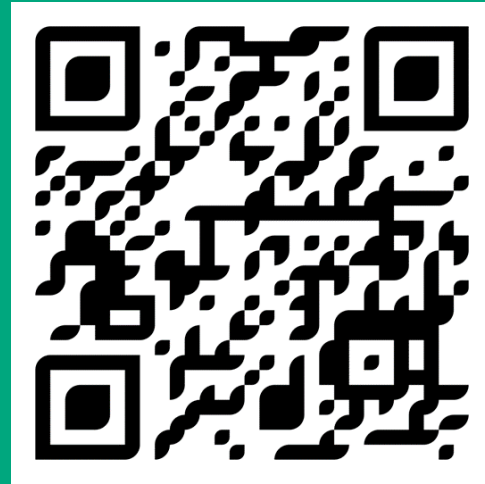
# Denmark has come far already. But we must go further. Faster



An aerial, top-down view of two construction workers on the white deck of a ship. Both workers are wearing bright orange safety vests and orange hard hats. They are standing on the deck, which is bordered by black metal railings. The ship is moving through dark blue, choppy water, with white wake visible. The text "The journey starts here" is overlaid in white, sans-serif font across the center of the image.

The journey starts here

**Thank you!**  
Connect. Inspire. Share. Think Denmark



Scan the QR code and let us  
know how we did