



"The USA looks forward to a close partnership with **Denmark** in this exciting, innovative new venture. **Yes we can!**"

Karl Stoltz, Deputy Chief of Mission, US. Embassy in Copenhagen

"I come from **India** and am always very **skeptical** of **how much** the people are **concerned** about **green issues**.

This was a **great demonstration**. I am very inspired and will **carry your motivation and message to my people**"

Umashu Paneholu, C40 network

"Amazing. Very **impressive** and **good practice** by the **Danes**. Could be **replicated world-wide** and we could have a **sustainable future!!**

Keep up the good work",

Bogadi Mathangwane, Botswana Water Affairs

"Thank you for **sharing all your great ideas**.

We must all **save the planet!**"

Barbara Boxer, US Senator California

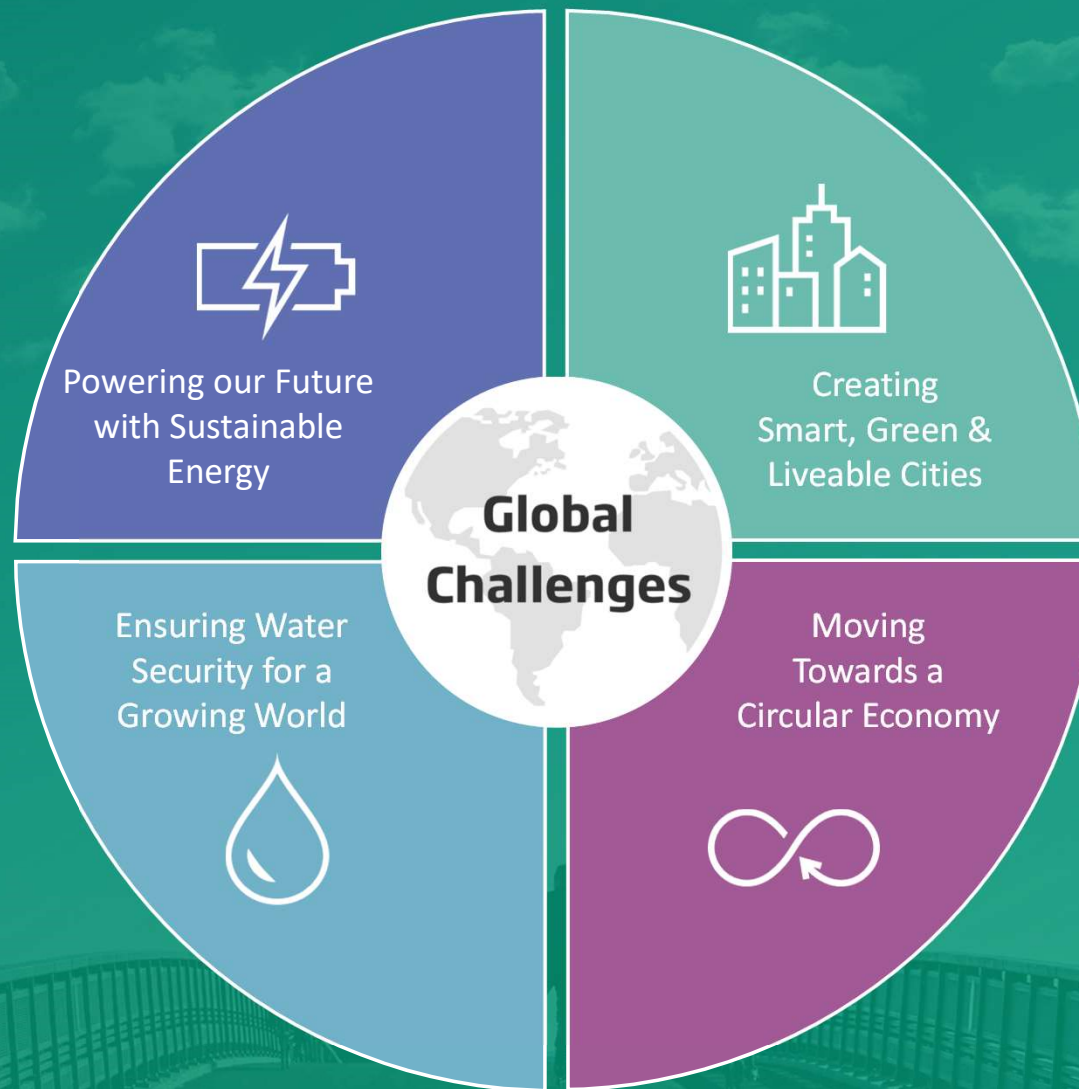
"**State of Green – Our common goal!**"

K.S. Wong, Secretary for the Environment, Environment Bureau, Hong Kong



State of Green

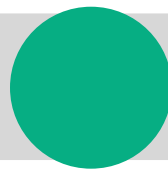
Connect. Inspire. Share. Think Denmark



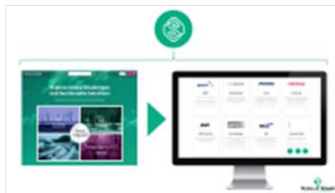
Martha Marriner
Project Manager



As an organisation



As a nation



Introduction to

What we do

State of Green

As an organisation

As a nation



Politicians



Authorities



Companies

We serve international political and commercial decision makers



What gives us credibility and agility



Public



Public - Private
Partnership

Private



State of Green
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Public - Private
Partnership

Public

Private

Government



**MINISTRY OF FOREIGN
AFFAIRS OF DENMARK**



Danish Ministry
of Energy, Utilities
and Climate



**Ministry of Environment
and Food of Denmark**



**MINISTRY OF INDUSTRY, BUSINESS
AND FINANCIAL AFFAIRS**

Business organisations



*Representing 60 Danish
energy companies*



*Confederation of Danish Industry
Voice of 10,000
Danish companies*



*Representing 200 companies
in wind energy*



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

Corporate sponsors



*Sustainable wind power
solutions*



Sustainable energy technologies



*Developer of renewable
energy power plants*



FAGLIGT FÆLLES FORBUND
*Largest trade union,
representing 280,000 employees*



Engineering sustainable constructions



*Leading green
energy utility*



GRUNDFOS
#1 in energy efficient pumps



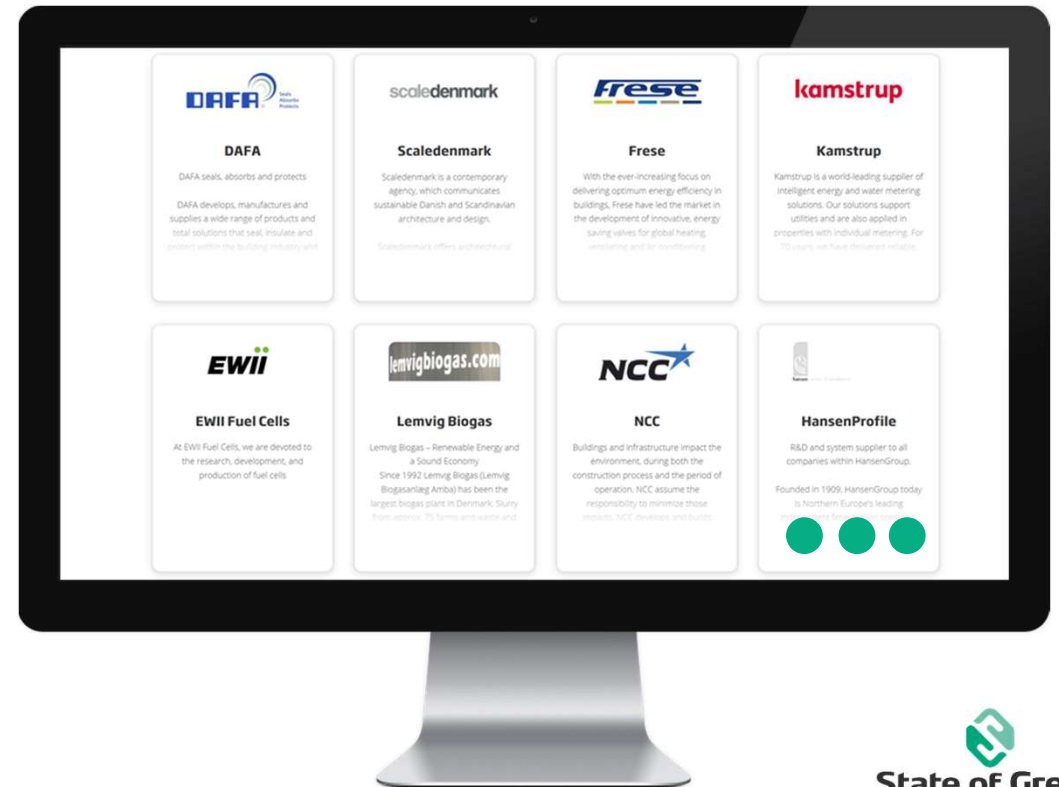
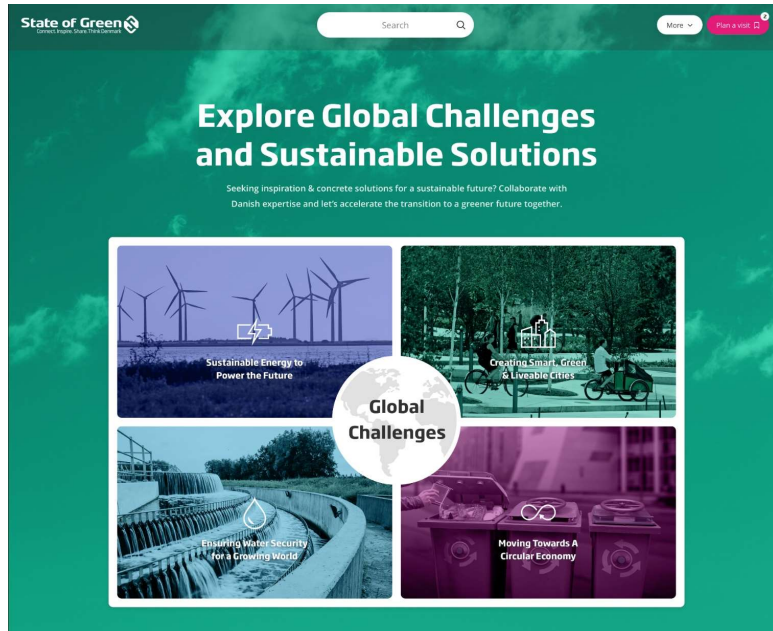
*World leader in stone
based insulation*

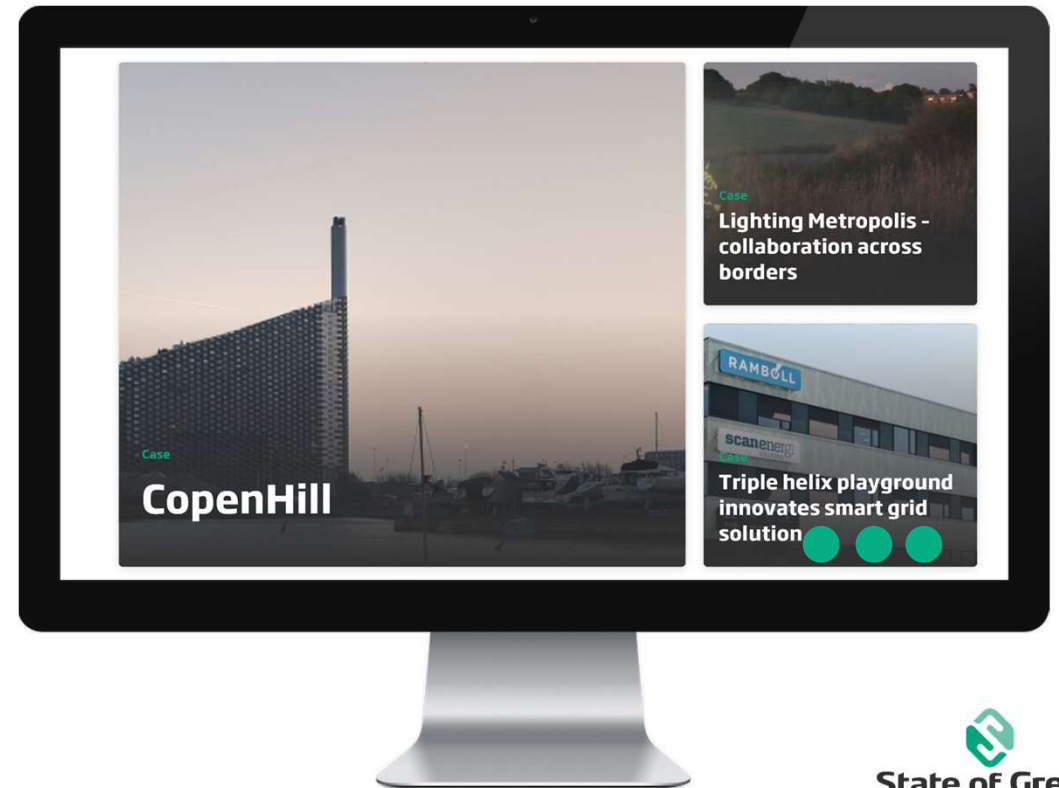
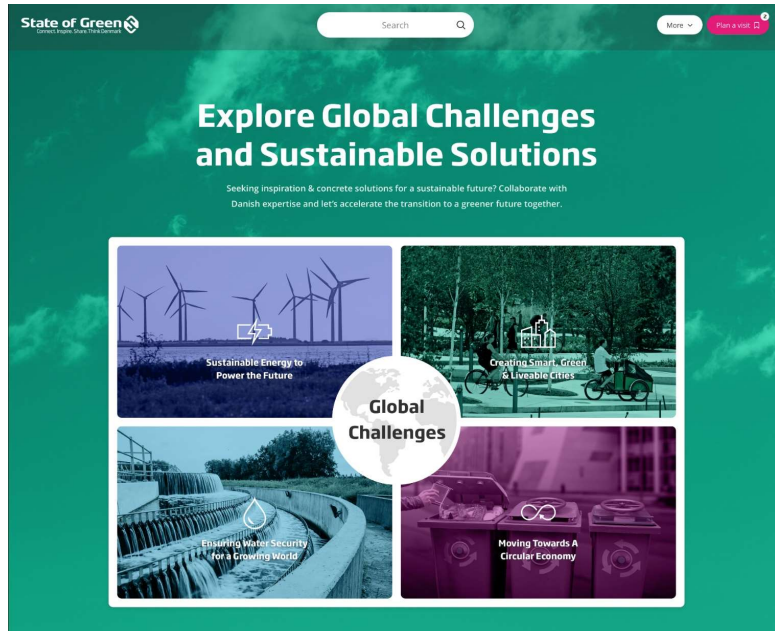


*Trade union for
230,000 workers*



State of Green
Connect. Inspire. Share. Think Denmark







What we do



How we do it





180
delegations
each year

We create connections



across the globe



50
countries
each year





As an organisation

As a nation



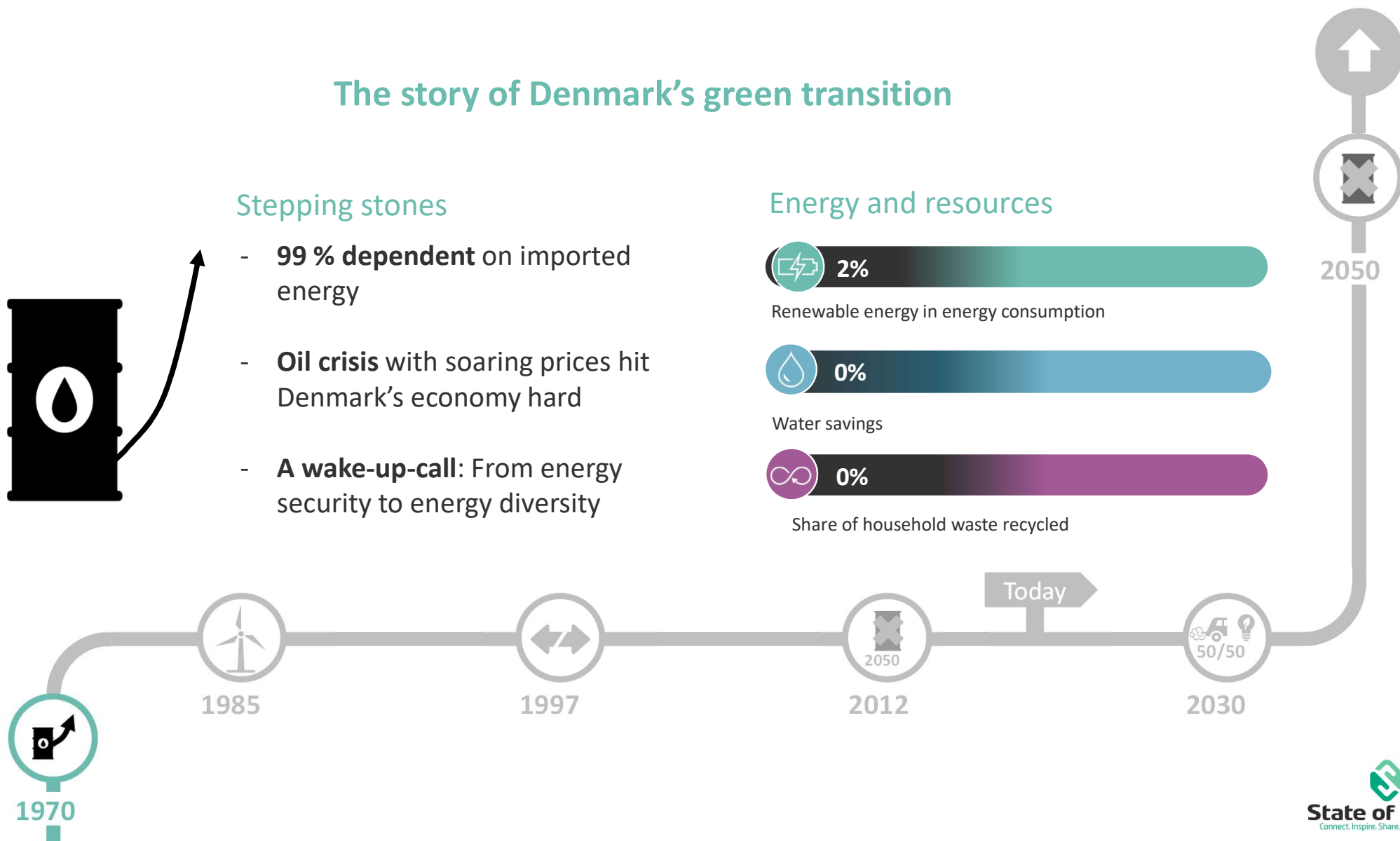
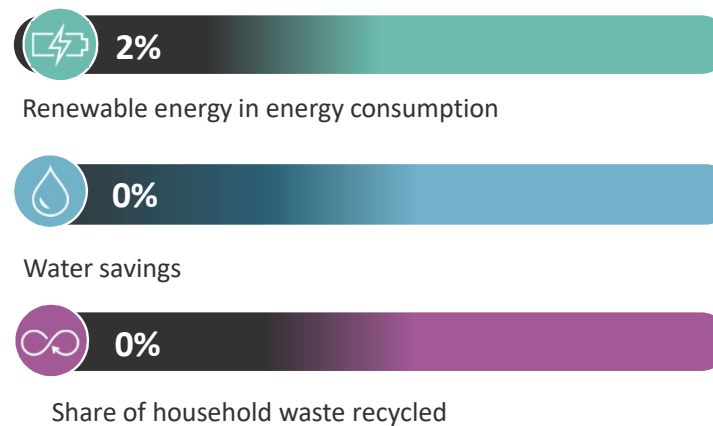
1970

The story of Denmark's green transition

Stepping stones

- **99 % dependent** on imported energy
- **Oil crisis** with soaring prices hit Denmark's economy hard
- **A wake-up-call:** From energy security to energy diversity

Energy and resources

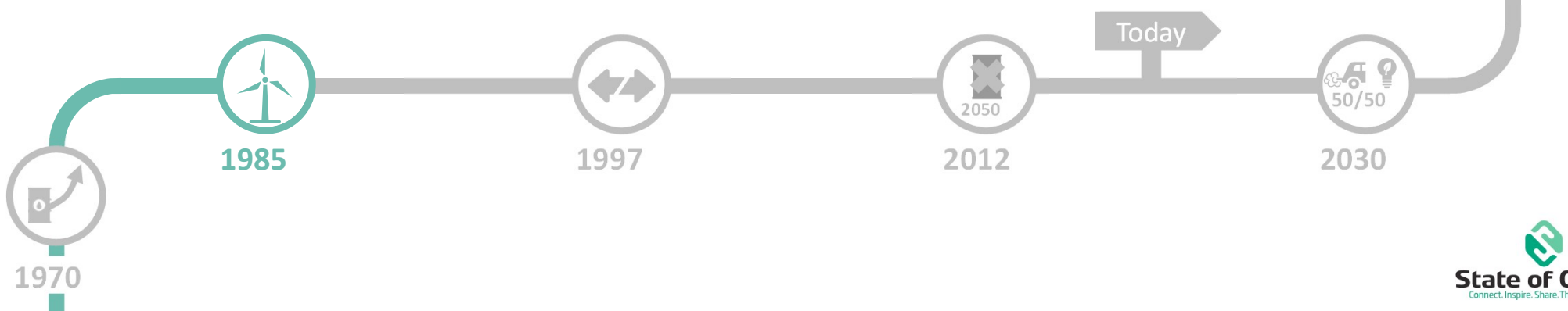
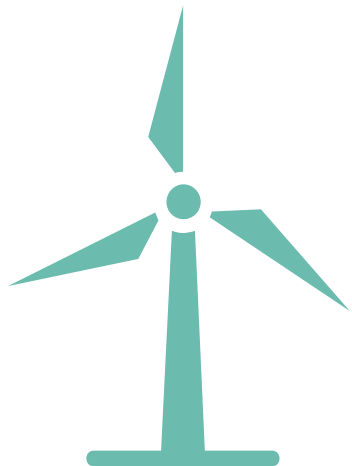
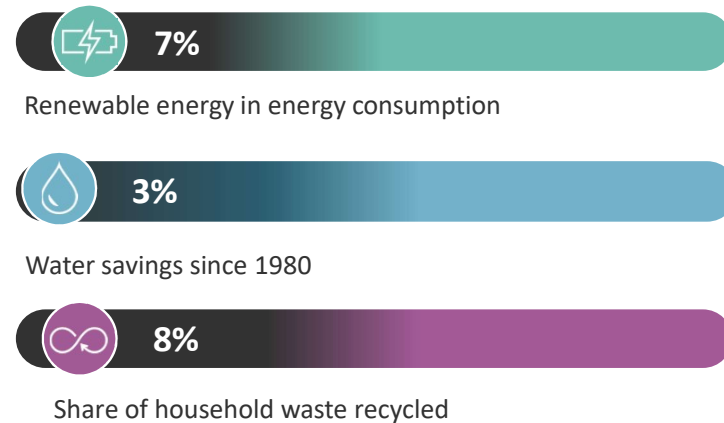


The story of Denmark's green transition

Stepping stones

- 1971: World's first **ministry of environment** established
- 1976: Denmark's first national **energy action plan** introduced
- 1985: Denmark's parliament: **No to nuclear power** – yes to expansion of wind energy capacity to 100 MW and focus on **energy efficiency**

Energy and resources

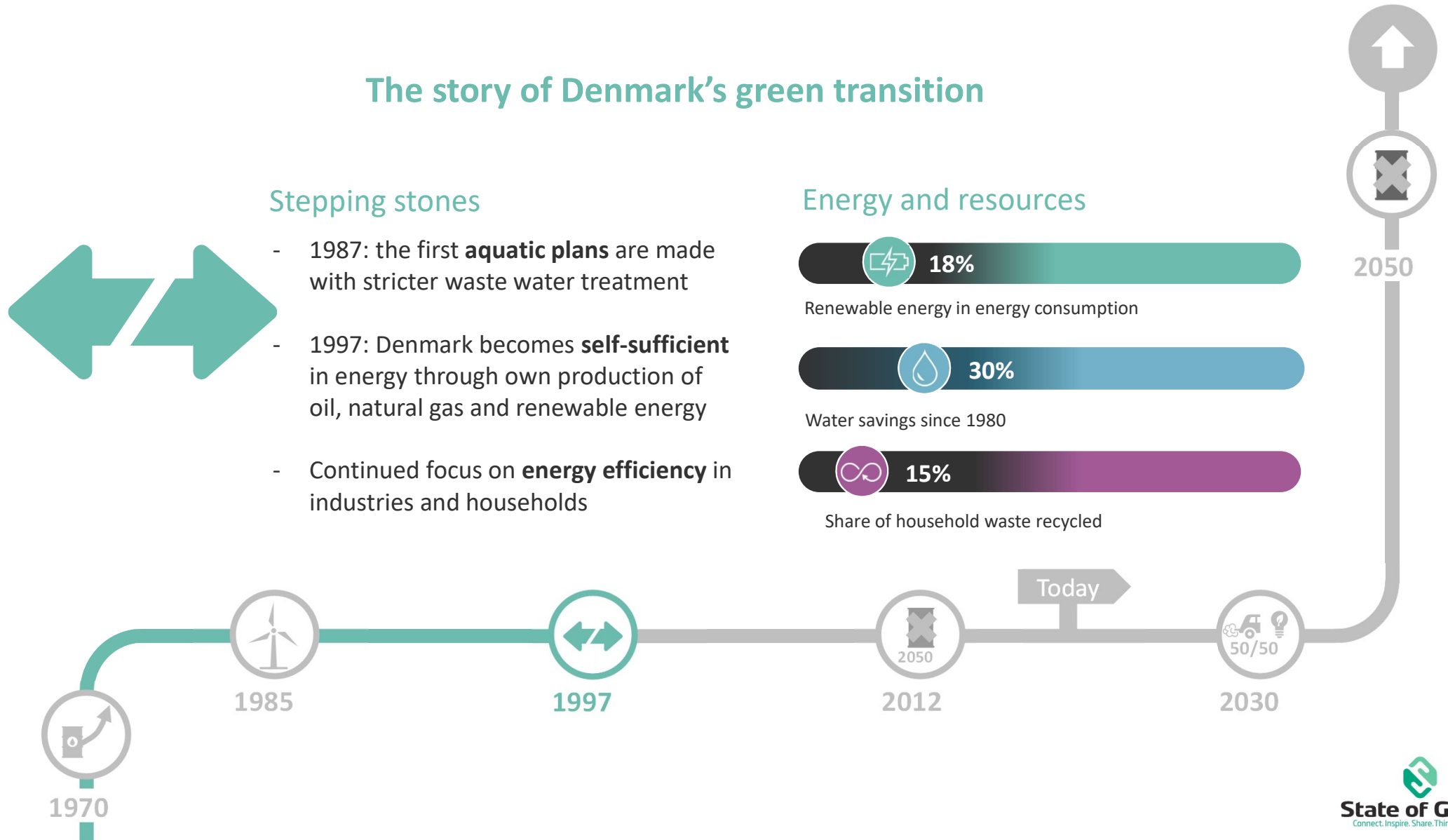
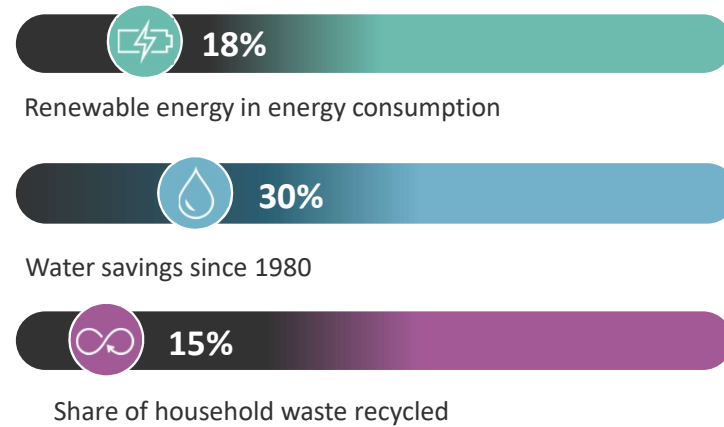


The story of Denmark's green transition

Stepping stones

- 1987: the first **aquatic plans** are made with stricter waste water treatment
- 1997: Denmark becomes **self-sufficient** in energy through own production of oil, natural gas and renewable energy
- Continued focus on **energy efficiency** in industries and households

Energy and resources



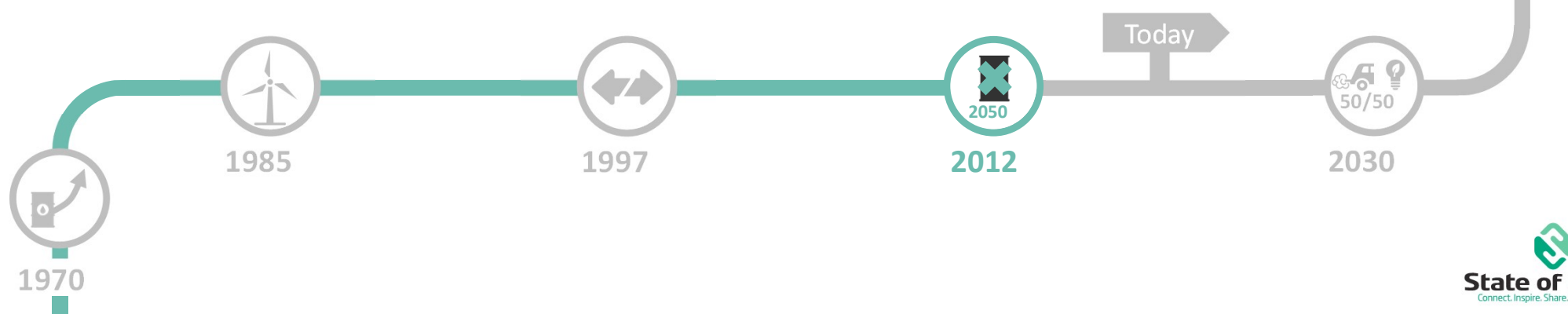
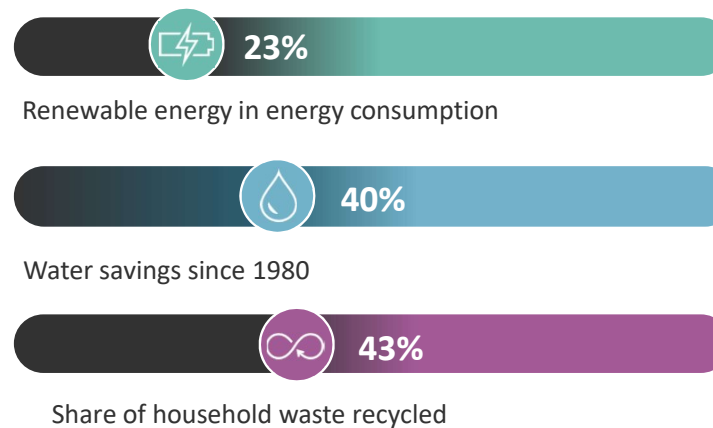
The story of Denmark's green transition



Stepping stones

- Danish Energy Agreement in 2012: **Denmark independent of fossil fuels by 2050**
- The agreement is characterised by its **ambitious** scope, **broad political** support and **long time horizon**

Energy and resources



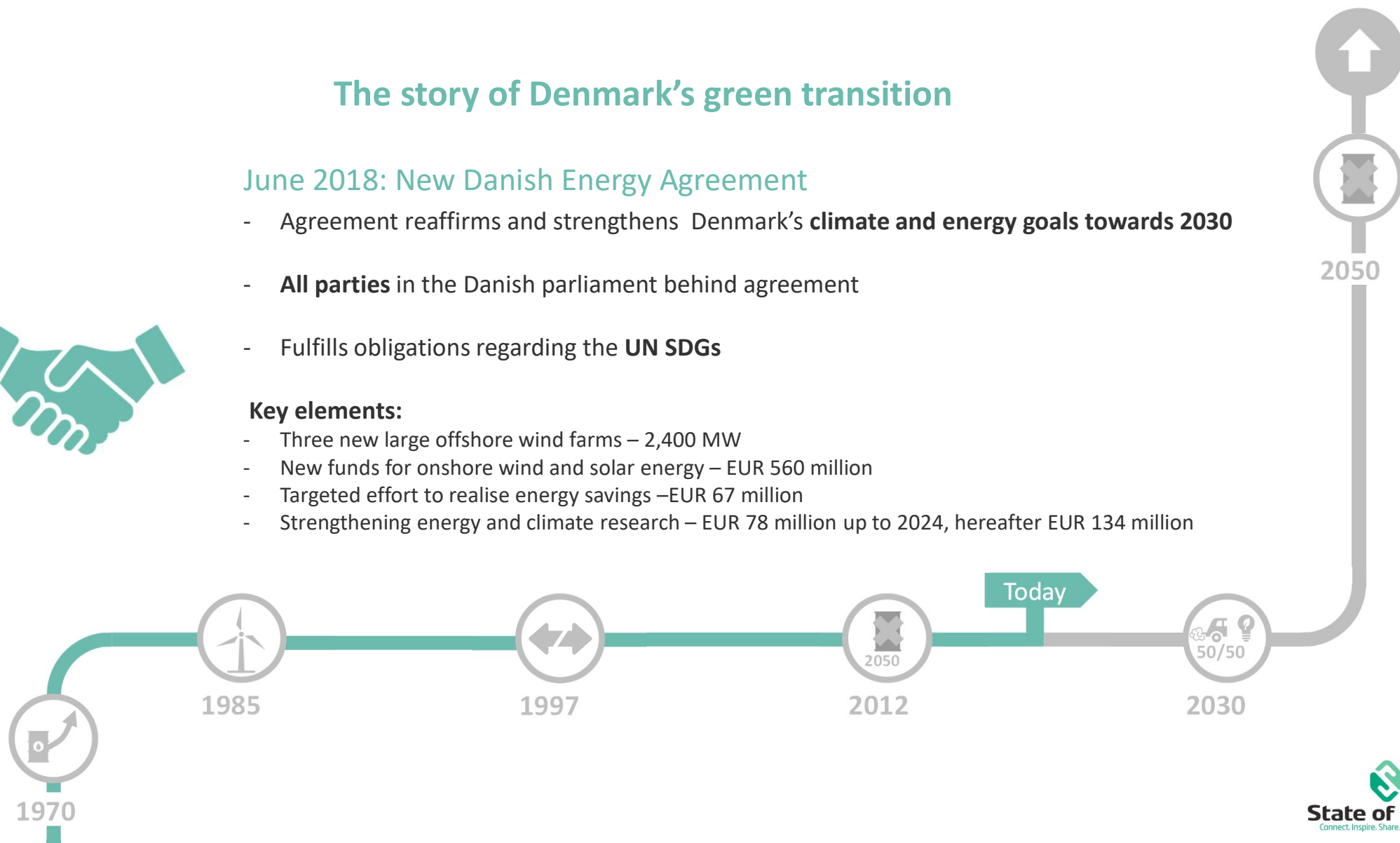
The story of Denmark's green transition

June 2018: New Danish Energy Agreement

- Agreement reaffirms and strengthens Denmark's **climate and energy goals towards 2030**
- **All parties** in the Danish parliament behind agreement
- Fulfills obligations regarding the **UN SDGs**

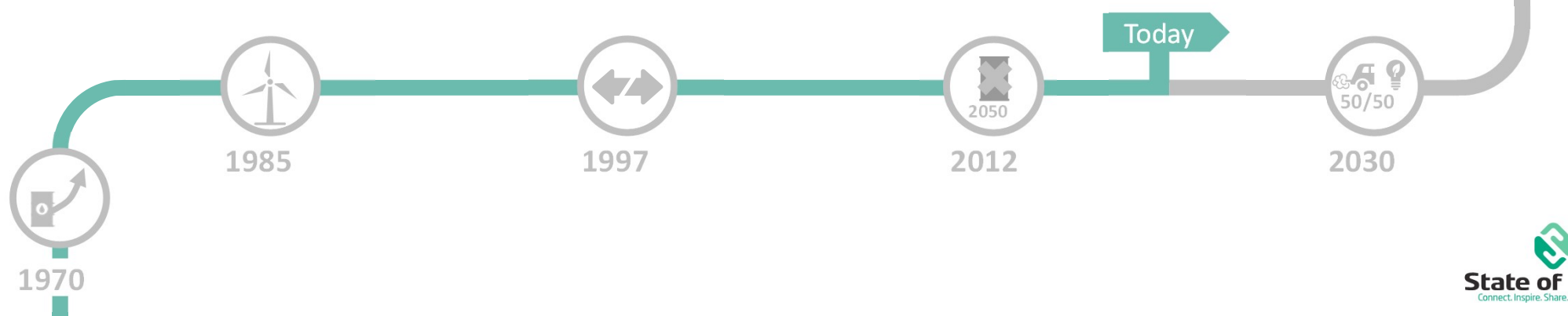
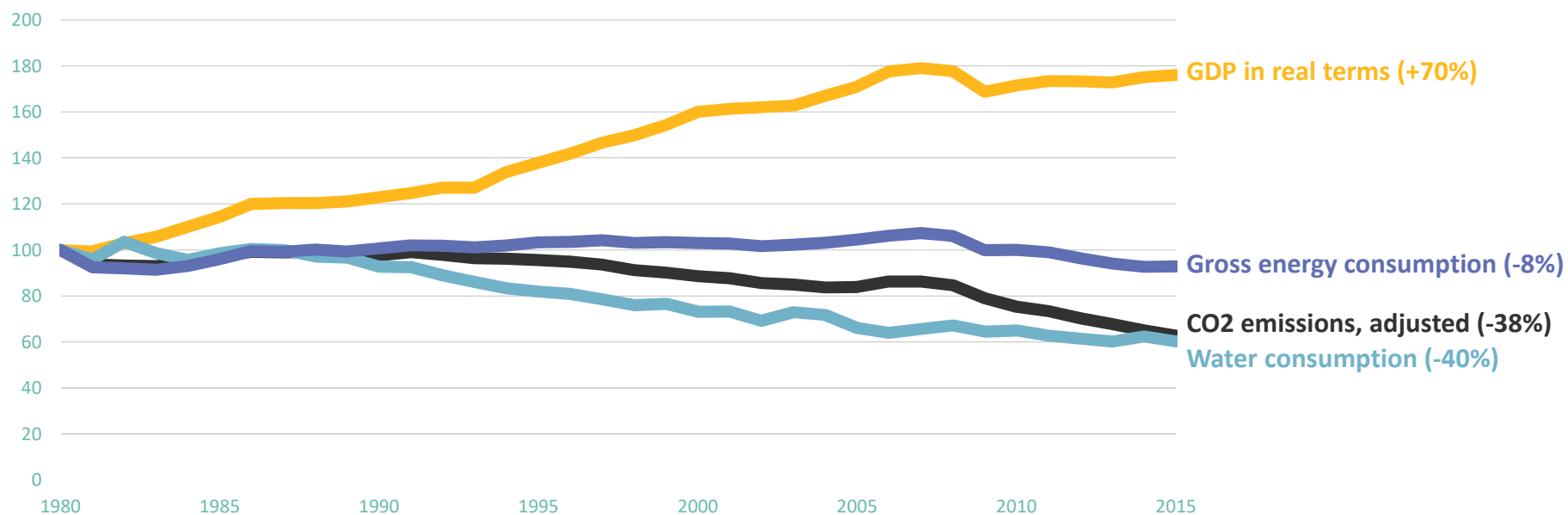
Key elements:

- Three new large offshore wind farms – 2,400 MW
- New funds for onshore wind and solar energy – EUR 560 million
- Targeted effort to realise energy savings –EUR 67 million
- Strengthening energy and climate research – EUR 78 million up to 2024, hereafter EUR 134 million

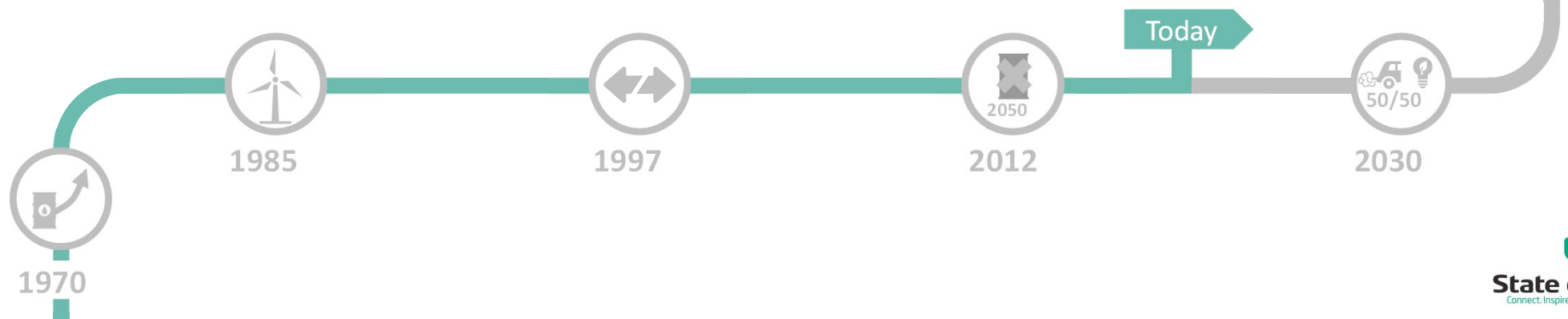
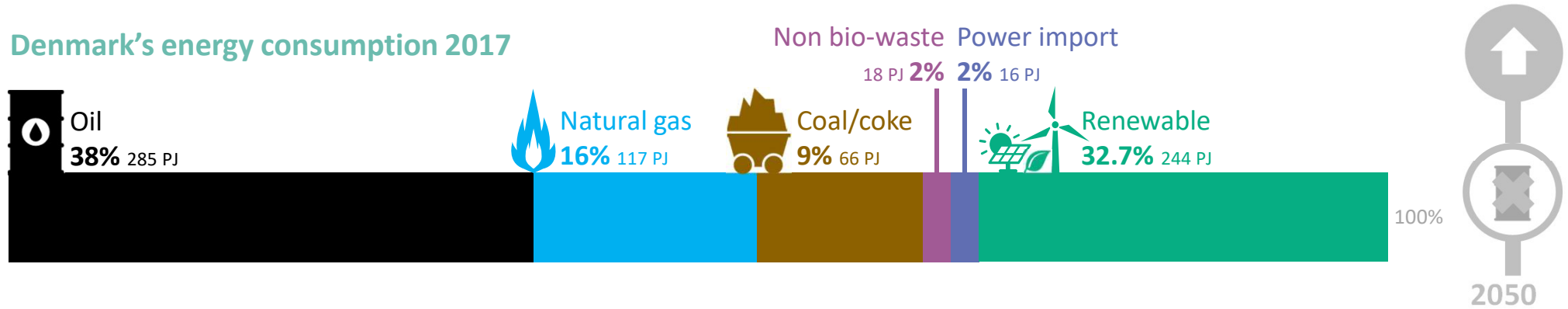


Decoupling our economic growth from our CO2 emissions

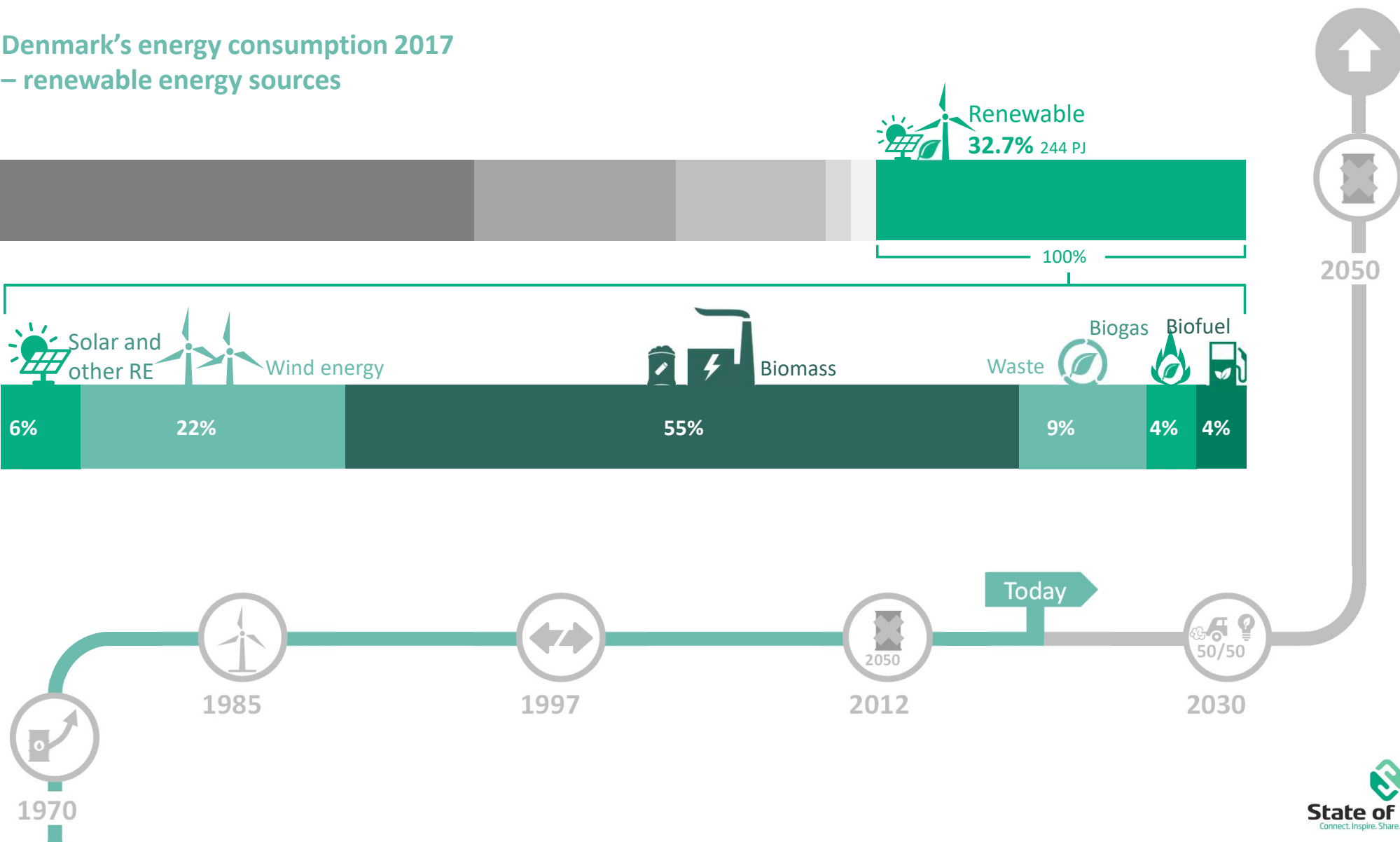
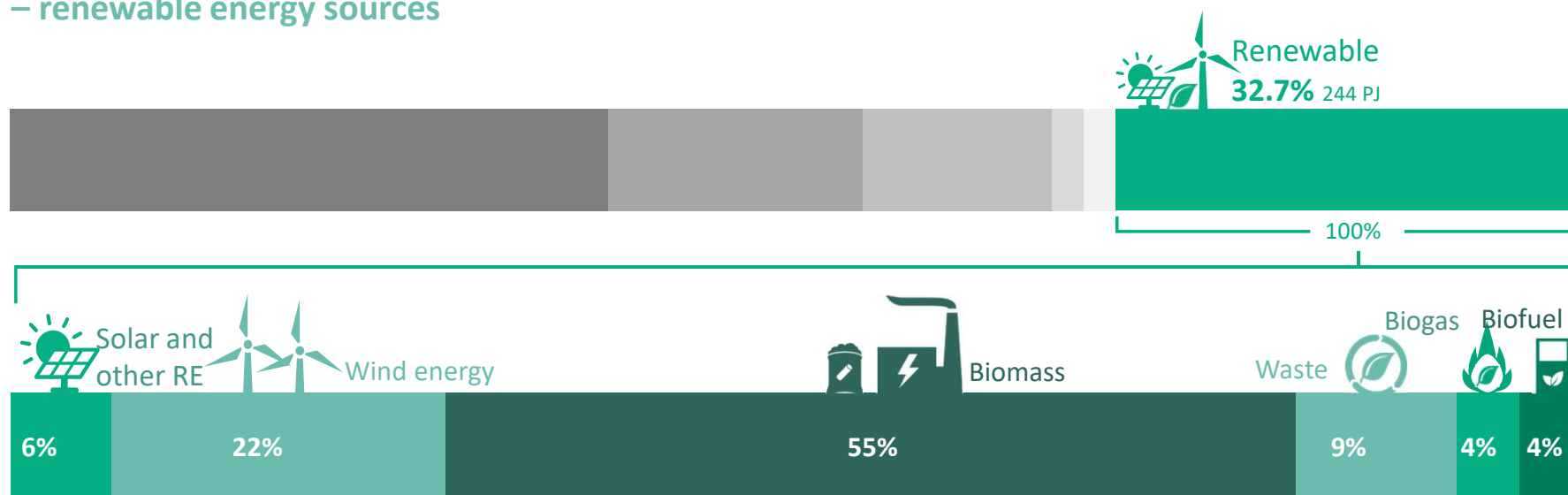
1980 = INDEX 100



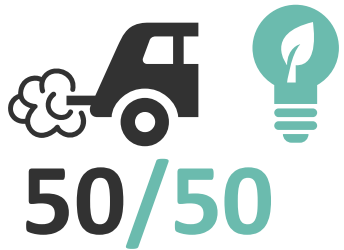
Denmark's energy consumption 2017



Denmark's energy consumption 2017 – renewable energy sources



The story of Denmark's green transition



2030 goals:

- Sourcing up to **55%** of energy needs from renewable energy
- Electricity consumption covered **100%** by renewables

EU goals:

- Achieving **32.5%** in energy savings

Energy and resources



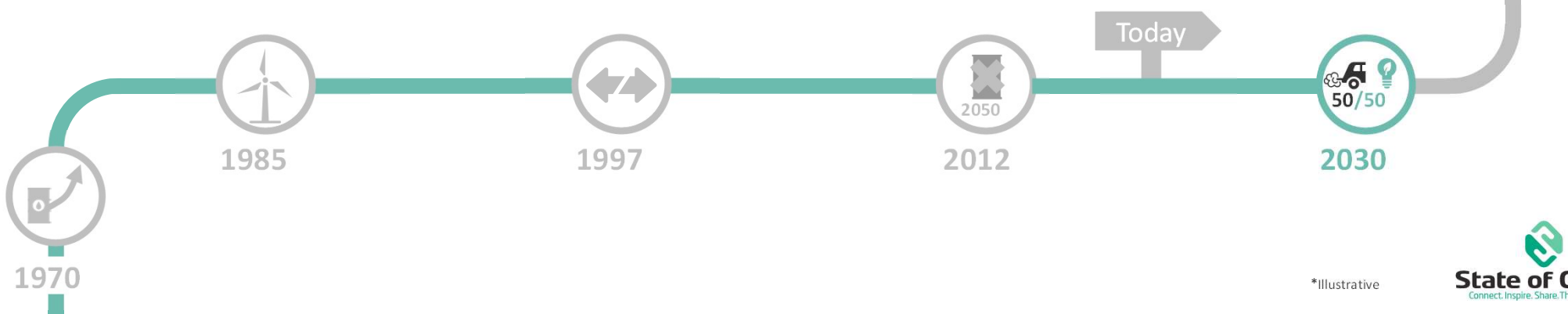
Renewable energy in energy consumption



Water savings since 1980



Share of household waste recycled



*Illustrative

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



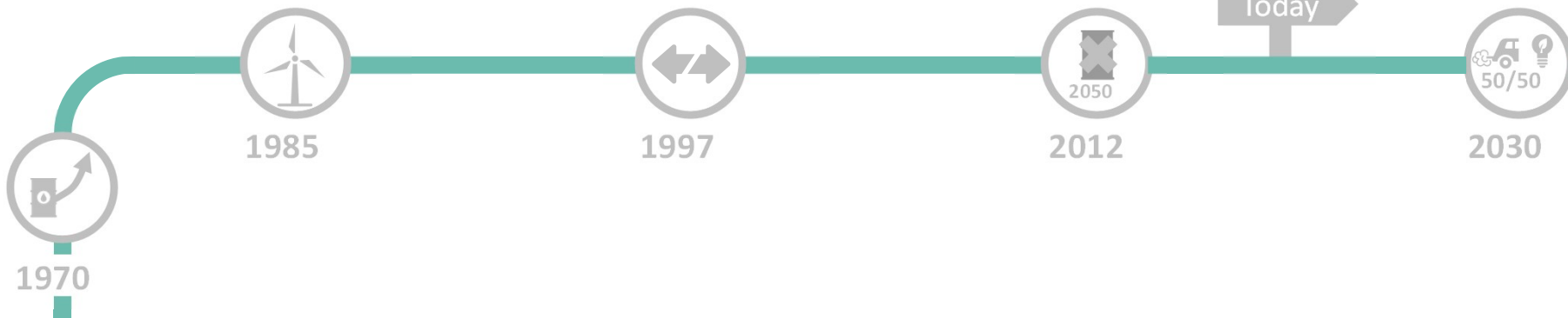
Water savings since 1980



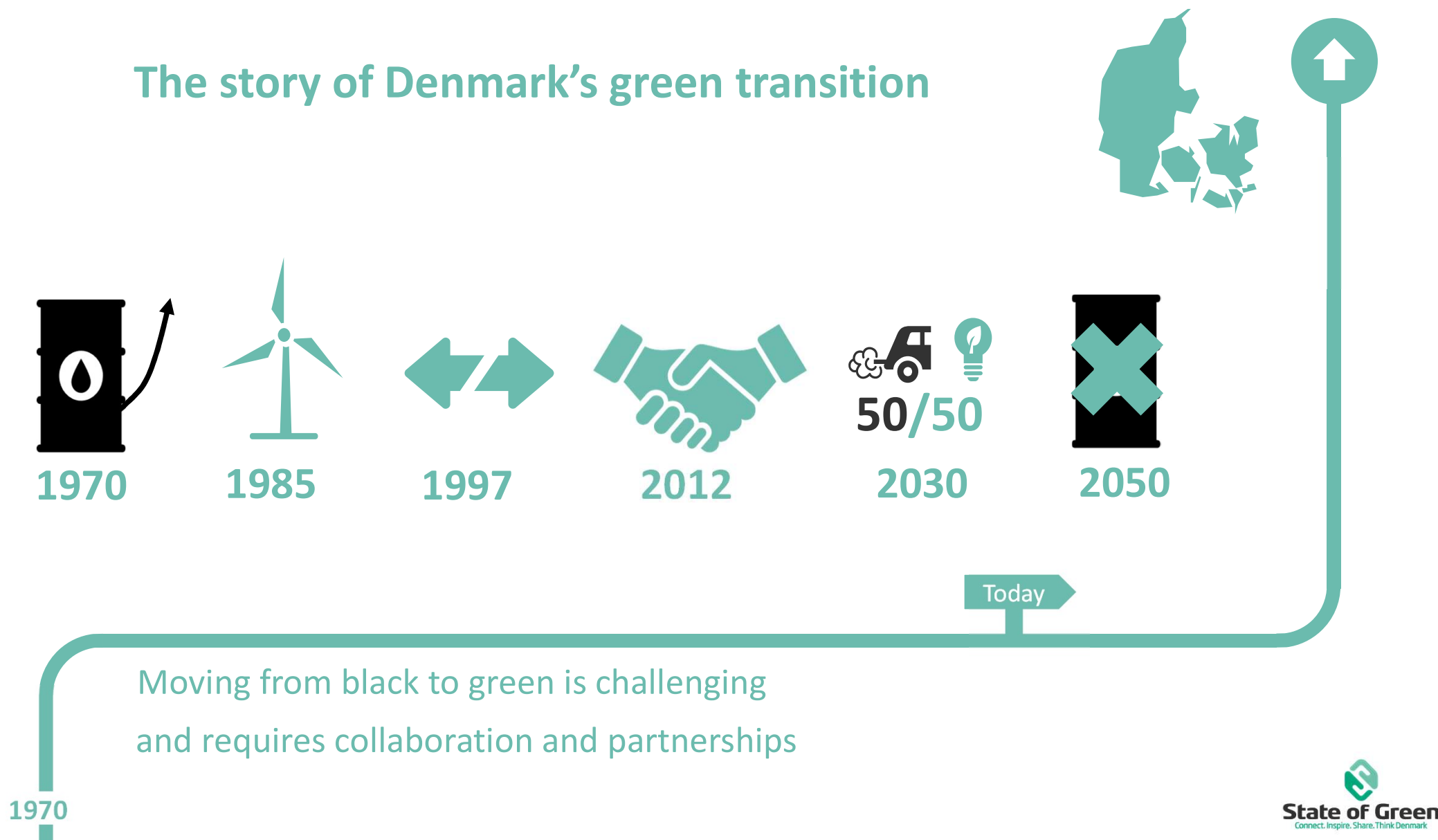
Share of household waste recycled



2050



The story of Denmark's green transition



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Thank you for your attention

Explore solutions on www.stateofgreen.com
and follow on Twitter @Stateofgreendk



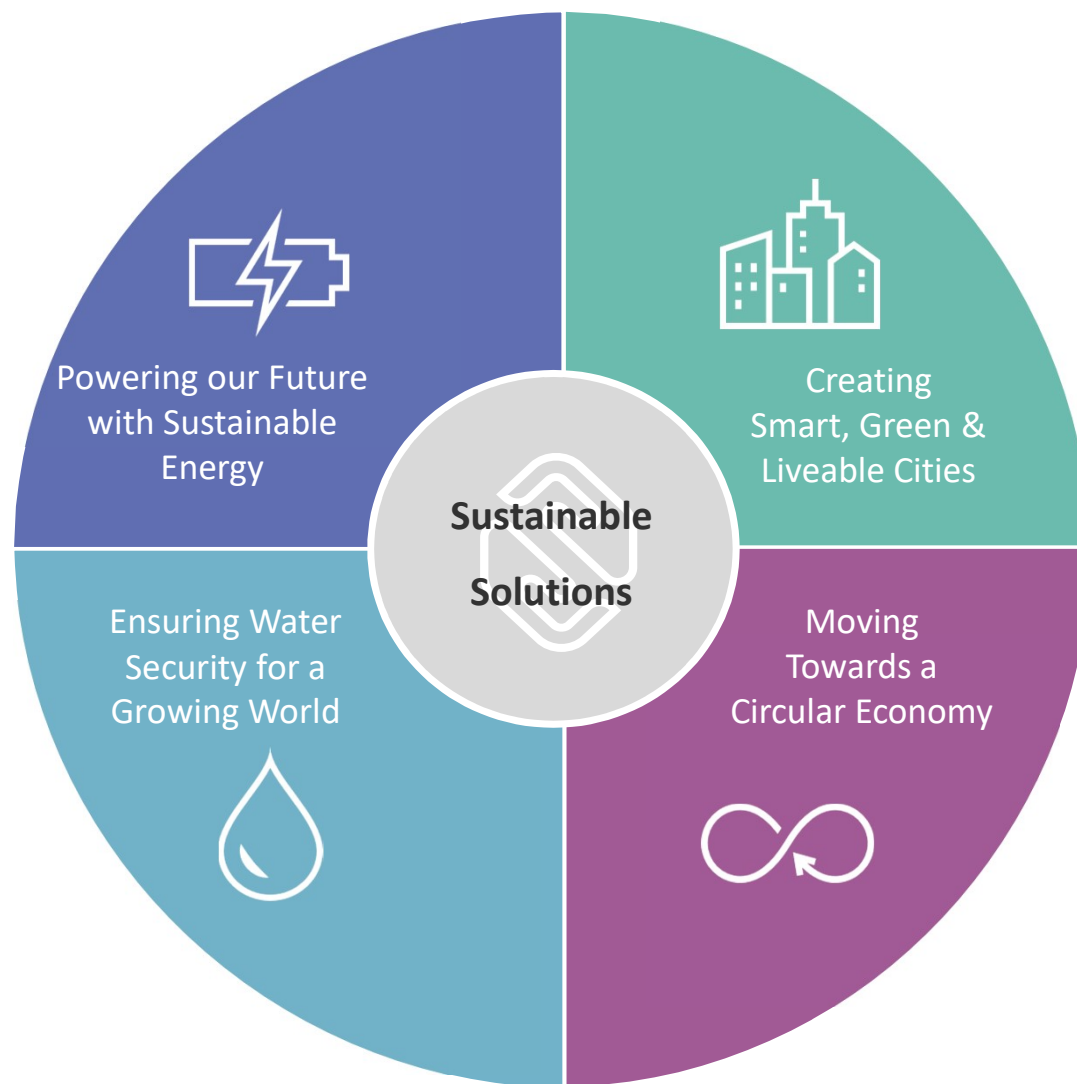
State of Green

Connect. Inspire. Share. Think Denmark

Our ambition is to connect,
inspire and share Danish
experiences

Today

1970



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