



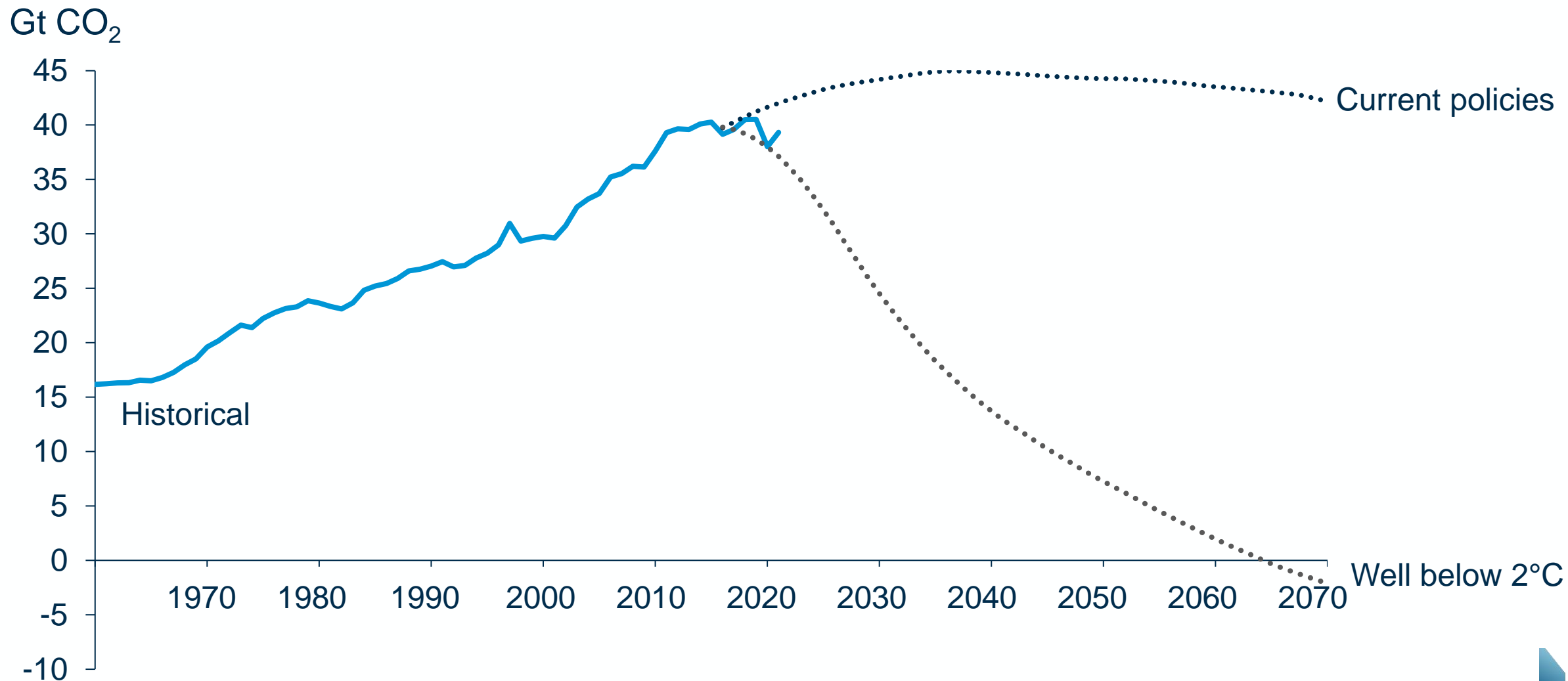
# Ownership and climate risk in the Norwegian sovereign-wealth fund

Deputy Governor Øystein Børsum

Oslo, December 21 2021

# Emissions must come down

## Global Carbon Dioxide Emissions. Gigaton CO<sub>2</sub> per year

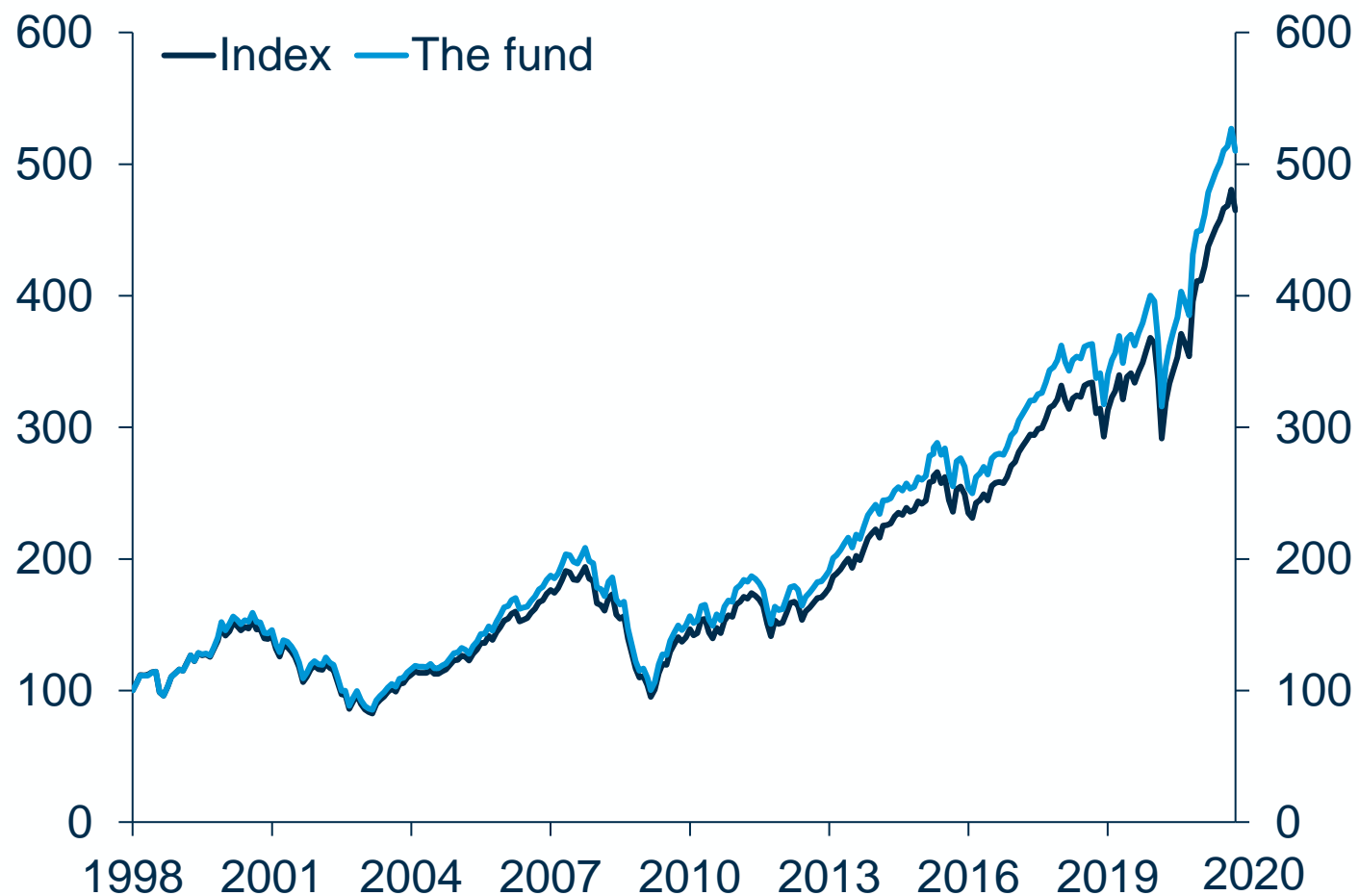


Source: Glen Peters Data: Global Carbon Project, IIASA SSP Scenario Database; IIASA SR15 Scenario Database



# Large, broadly diversified, long-term and index-based

The fund's equity portfolio. Index 1998=100



Sources: FTSE og Norges Bank

**70%**  
Of our investments

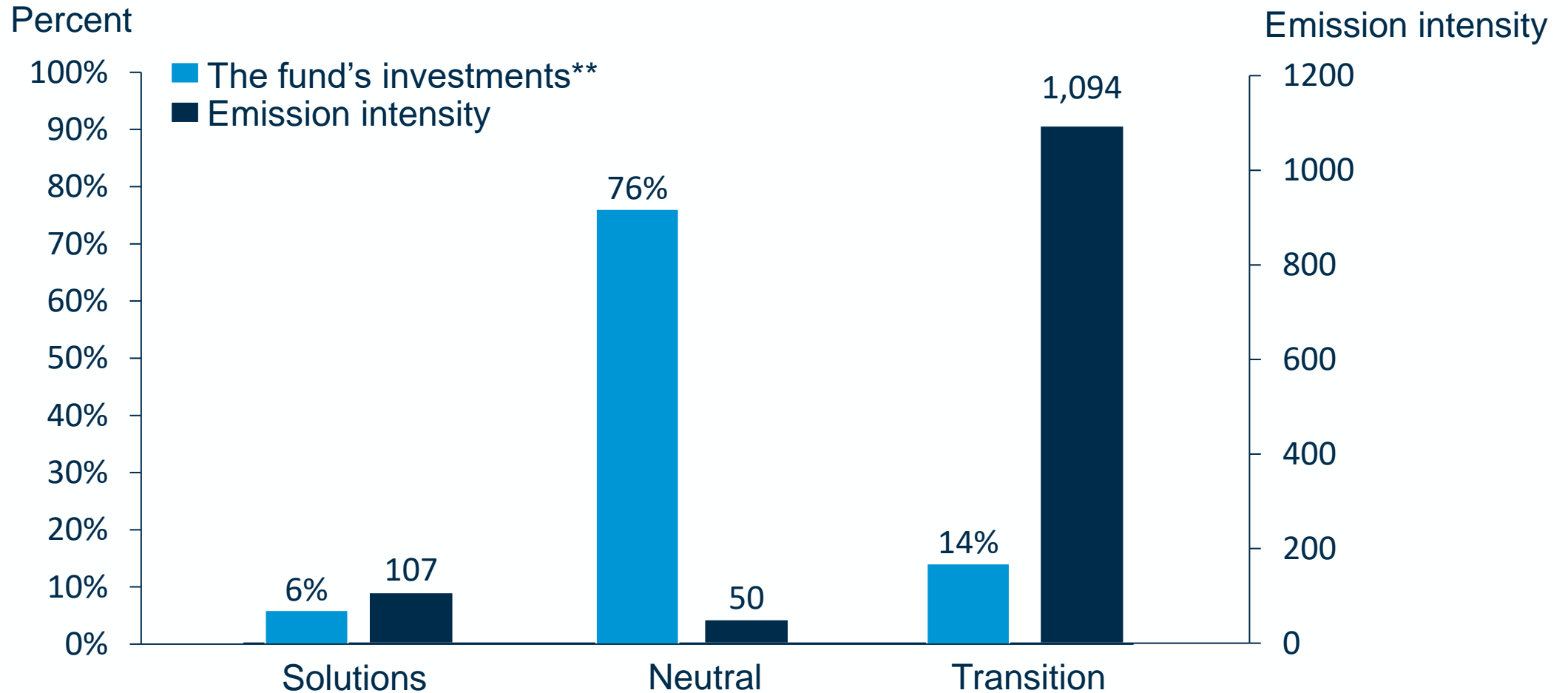
**9000**  
Companies

**70**  
Countries

**1,3%**  
Ownership in all listed  
companies in the world



# Transition risk\* and the fund in 2020



\*According to MSCI's ACWI risk categories  
\*\*in addition, the fund is invested in 0,13% categorized as stranded and 3,82% categorized as unmapped  
Source: Norges Bank Investment Management





# Responsible investment – a chain of tools

## Market

Standards  
Expectations

## Companies

Dialogues  
Voting

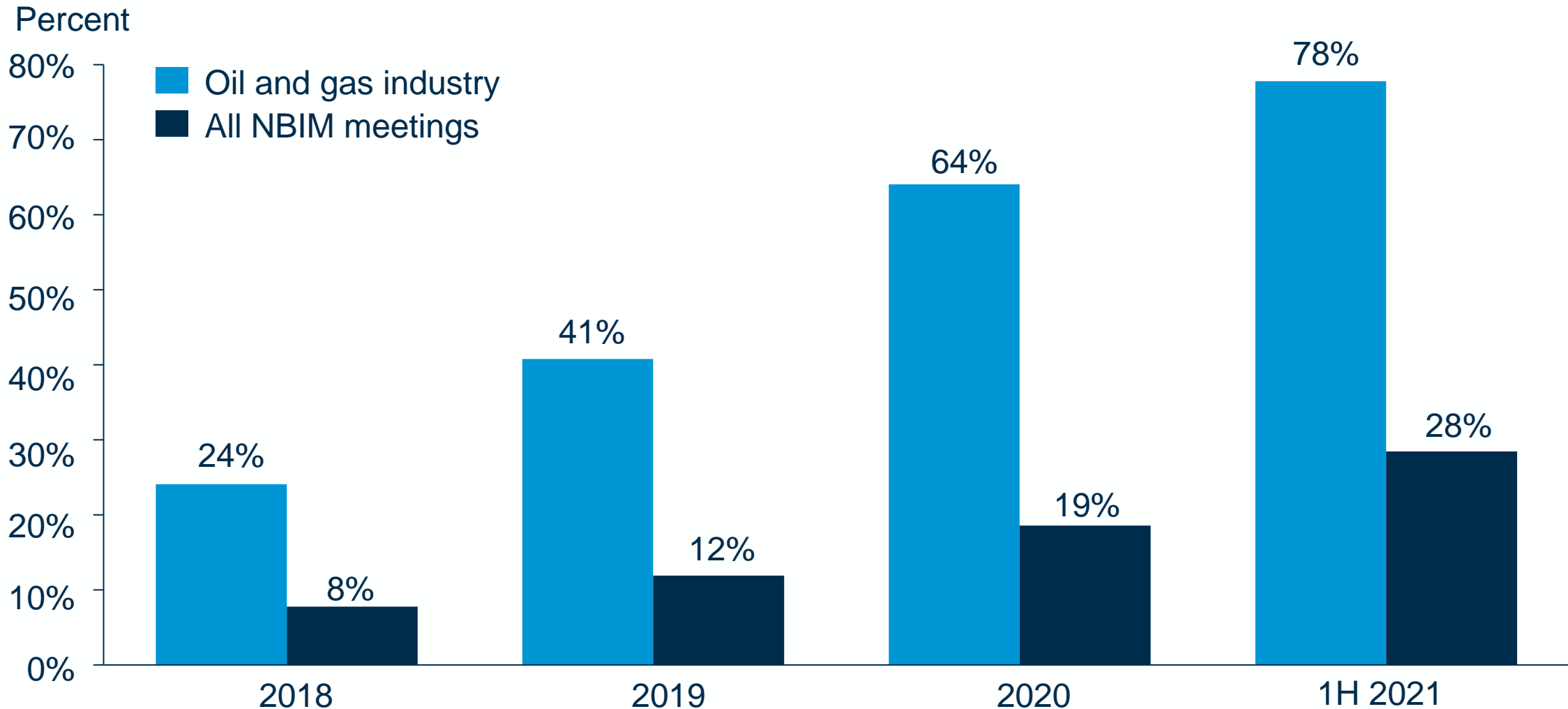
## Portfolio

Investments  
Divestments



# Climate increasingly a dialogue topic

## Share of company meetings climate is discussed

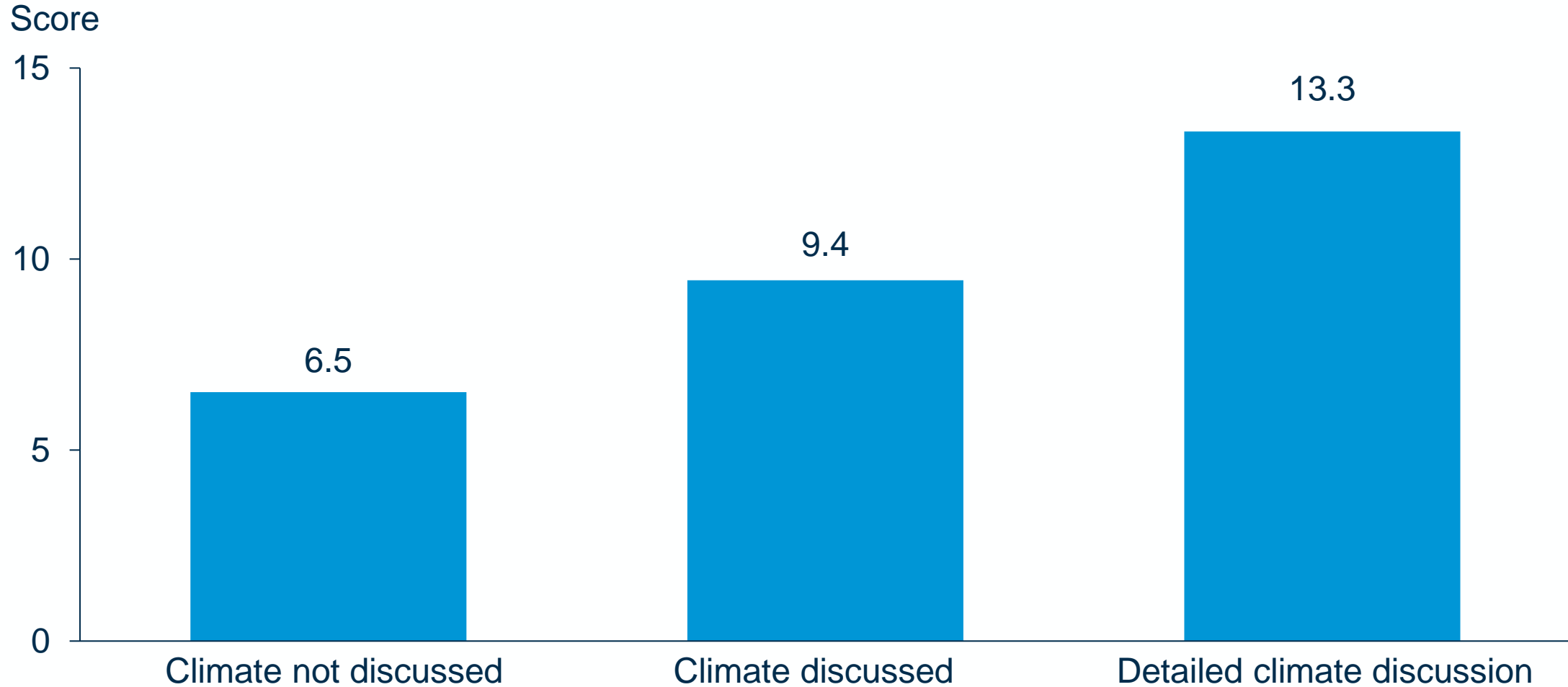


Source: Norges Bank Investment Management



# Companies' climate reporting is improving

Average change in climate change score from 2019-2020

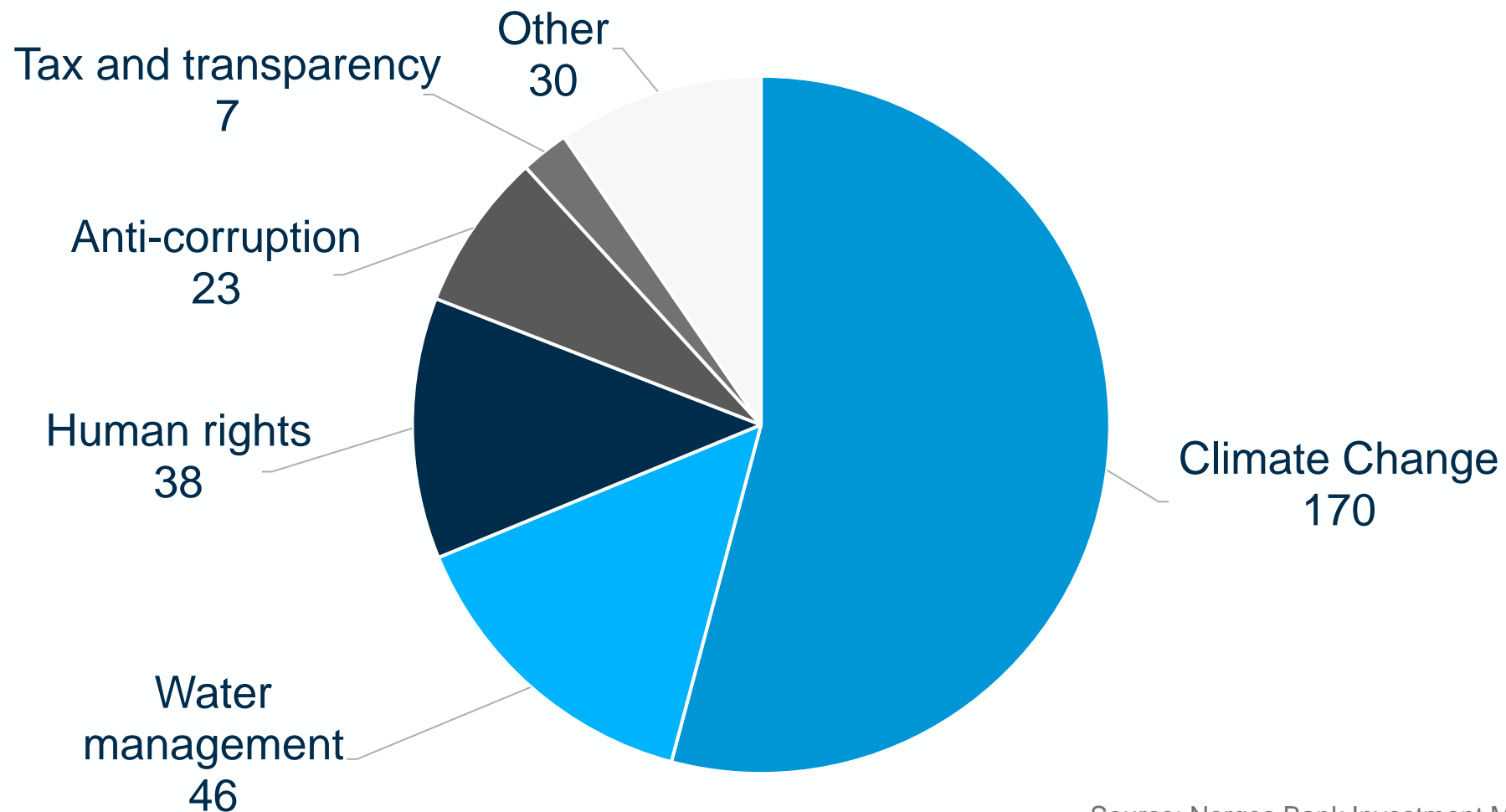


Source: Norges Bank Investment Management



# More than half of divestments have been climate-related

Number of risk-based divestments, 2012-2020



Source: Norges Bank Investment Management





# Responsible investment – a chain of tools

