

THE ROLE OF RENEWABLES

CEO BÅRD MIKKELSEN, STATKRAFT AS
NEREC, 7 OCTOBER 2009



Statkraft
PURE ENERGY



CLIMATE CHANGE AND RENEWABLES

1. RENEWABLES IN PERSPECTIVE
2. STATKRAFT RENEWABLES
TODAY...
3. ...AND TOMORROW

THE ROAD TO COPENHAGEN...

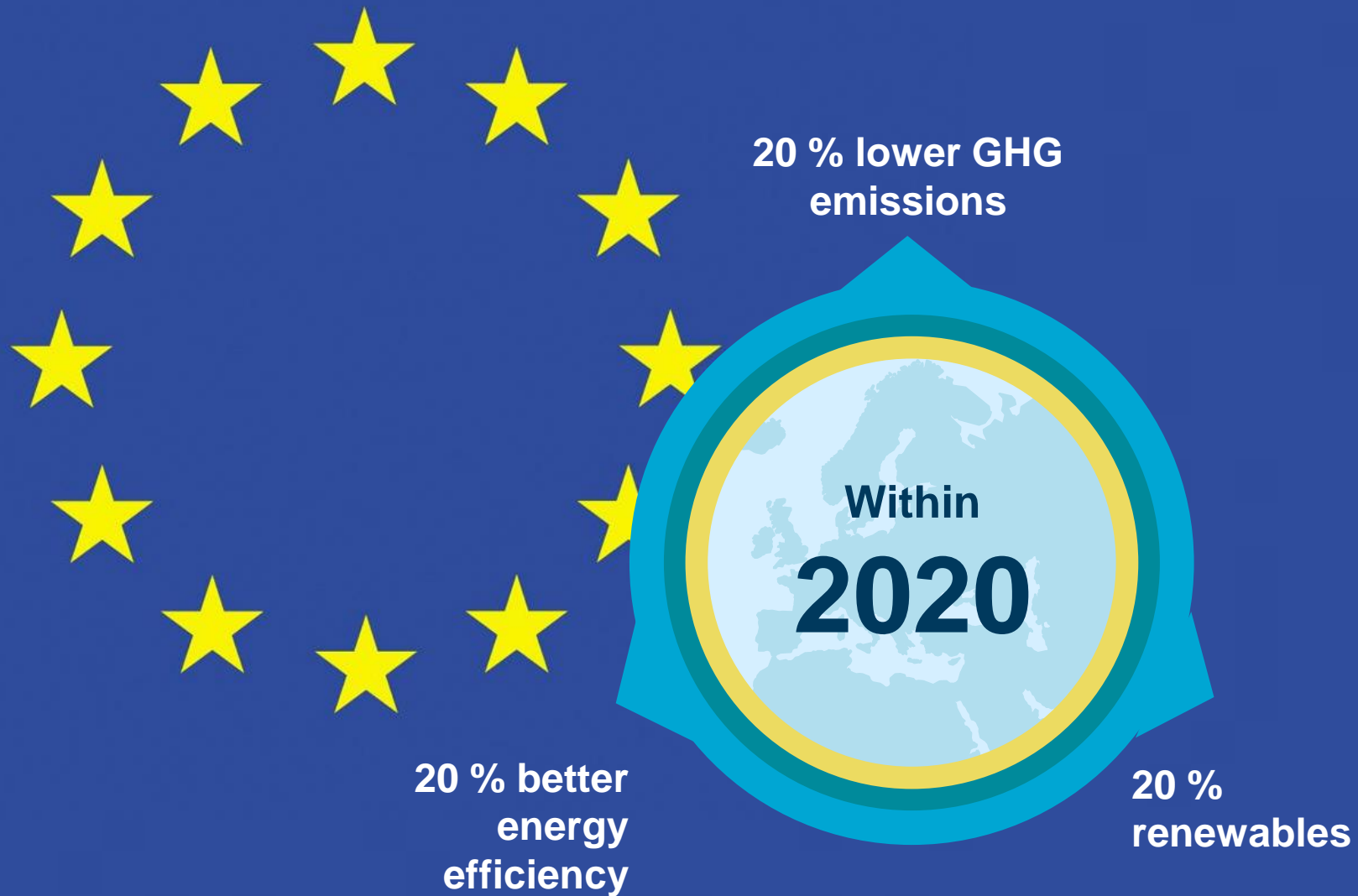


THE GLOBAL TARGET IS AMBITIOUS



50 %
reduction of global
greenhouse gas
emissions within
2050

SO ARE THE EUROPEAN TARGETS...



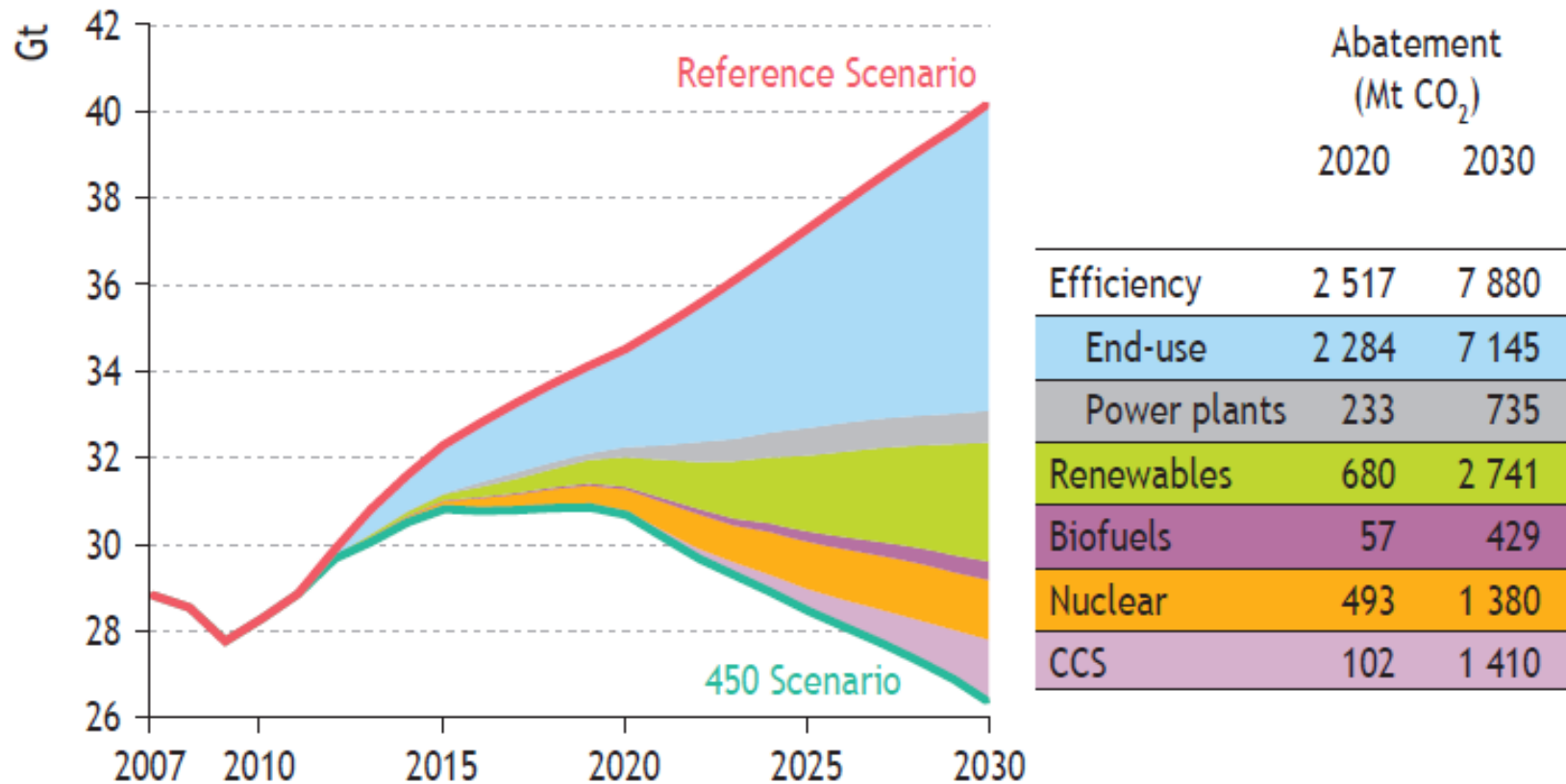
AND THE NORWEGIAN...

A photograph of a Norwegian flag flying on a wooden pole in the foreground. The background shows a vast, snowy mountain landscape under a clear blue sky. The flag is red with a white border and a blue cross.

Norway
carbon-neutral
within

2030

WHAT DO WE HAVE TO ACHIEVE?



ENORMOUS OPPORTUNITIES

Renewable power in Europe..
TWh

**Growth
require-
ment
until
2020**

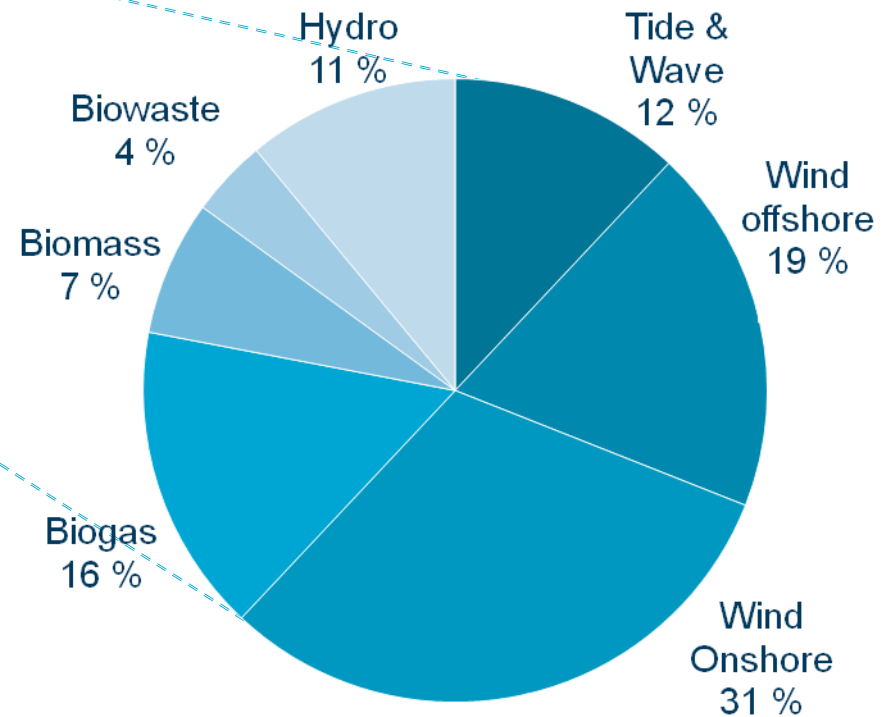
~ 600

Today

Renewables
in 1997

~ 600

..across several technologies



A GREEN POLICY FRAMEWORK IS ESSENTIAL



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Statkraft
PURE ENERGY

No. **1** WITHIN RENEWABLES
IN EUROPE

90% RENEWABLE
ENERGY

264 POWER AND DISTRICT
HEATING PLANTS

35% OF NORWAY'S
POWER
GENERATION

3200 EMPLOYEES..
20 COUNTRIES



Hydropower potential

Hydropower today

60%

of current global
power supply

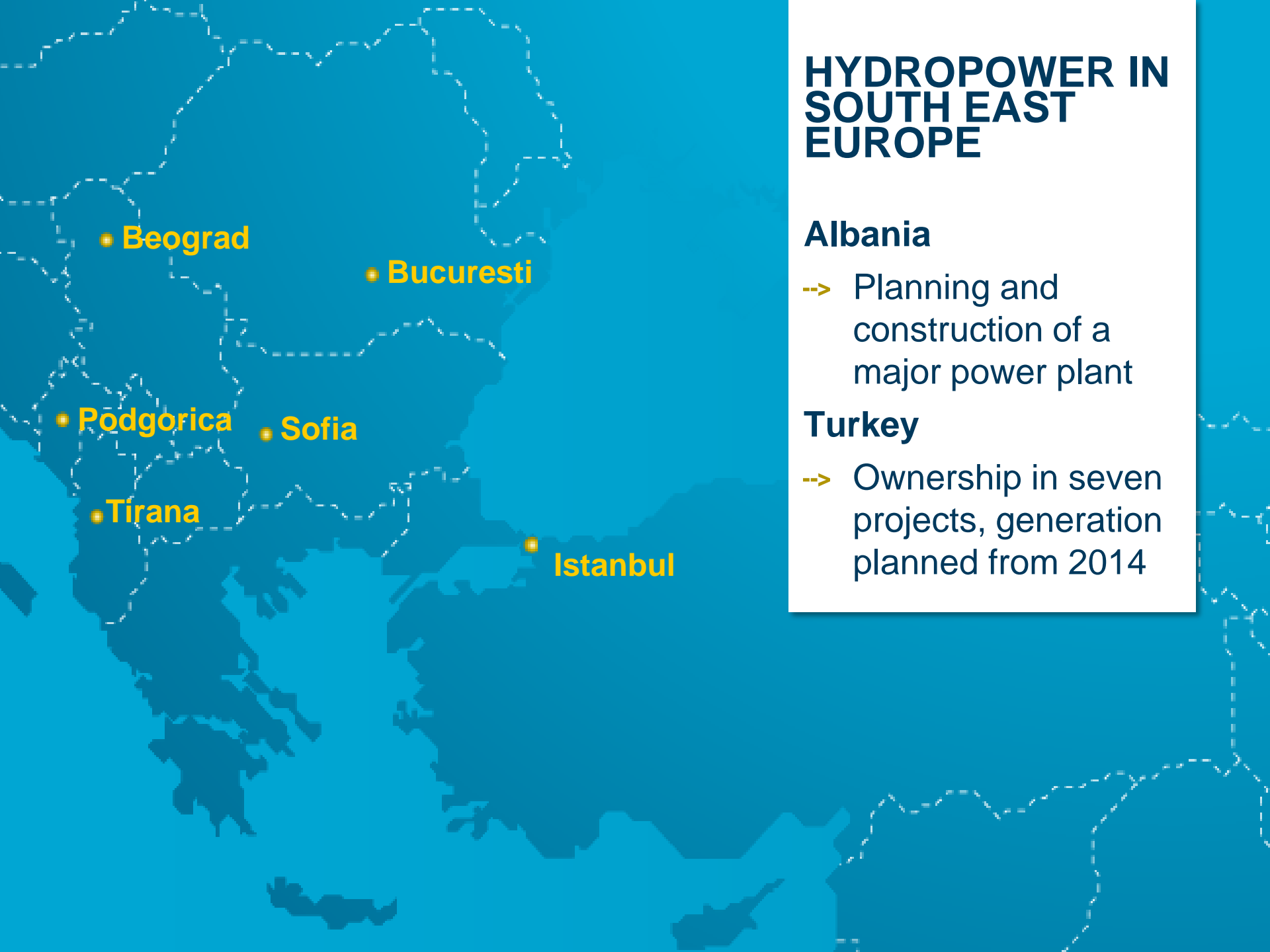
HYDROPOWER IN SOUTH EAST EUROPE

Albania

--> Planning and construction of a major power plant

Turkey

--> Ownership in seven projects, generation planned from 2014



**SN POWER
DEVELOPS
HYDROPOWER
IN ASIA, SOUTH
AMERICA AND
AFRICA**



**43 000 000
tonnes of CO₂
saved until 2017**

**Electricity for
11.5 mill.
people**

**Established SN Power
Africa and Central
America with partners**



LAND-BASED WIND POWER





OFFSHORE WIND POWER

**Sheringham
Shoal, UK:
Statkraft and
StatoilHydro co-
develop an
offshore windfarm
for NOK 10 bn**

A WIN-WIND COMBINATION



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INNOVATION IS KEY



