

Solar & Wind integration workshop

Solar, *the* piece of the puzzle?



Oktober 2017 Berlin
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TenneT at a glance

A woman with long blonde hair, wearing a light-colored blazer, and a man in a white shirt and blue jeans are looking at a large whiteboard. The man is pointing at a specific part of the diagram on the board. In the background, another man in a suit is standing near a desk with a laptop and a globe. The setting appears to be a modern office or meeting room.

History

1880-1900

1949

1998

2003

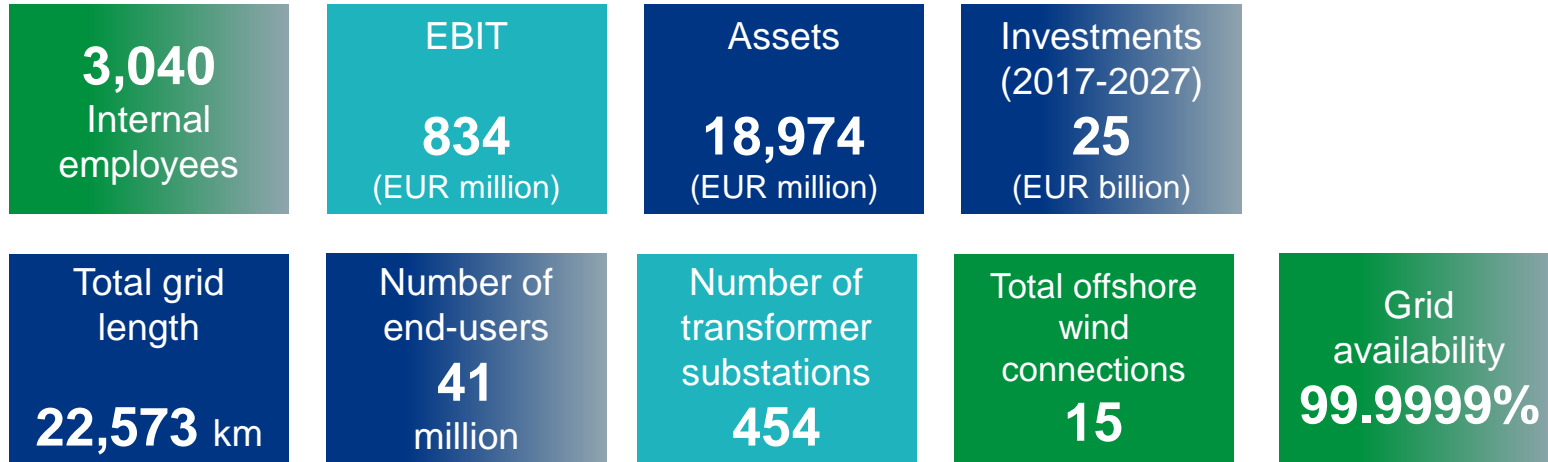
2008

2010

TenneT at a glance



Europe's first cross-border grid operator



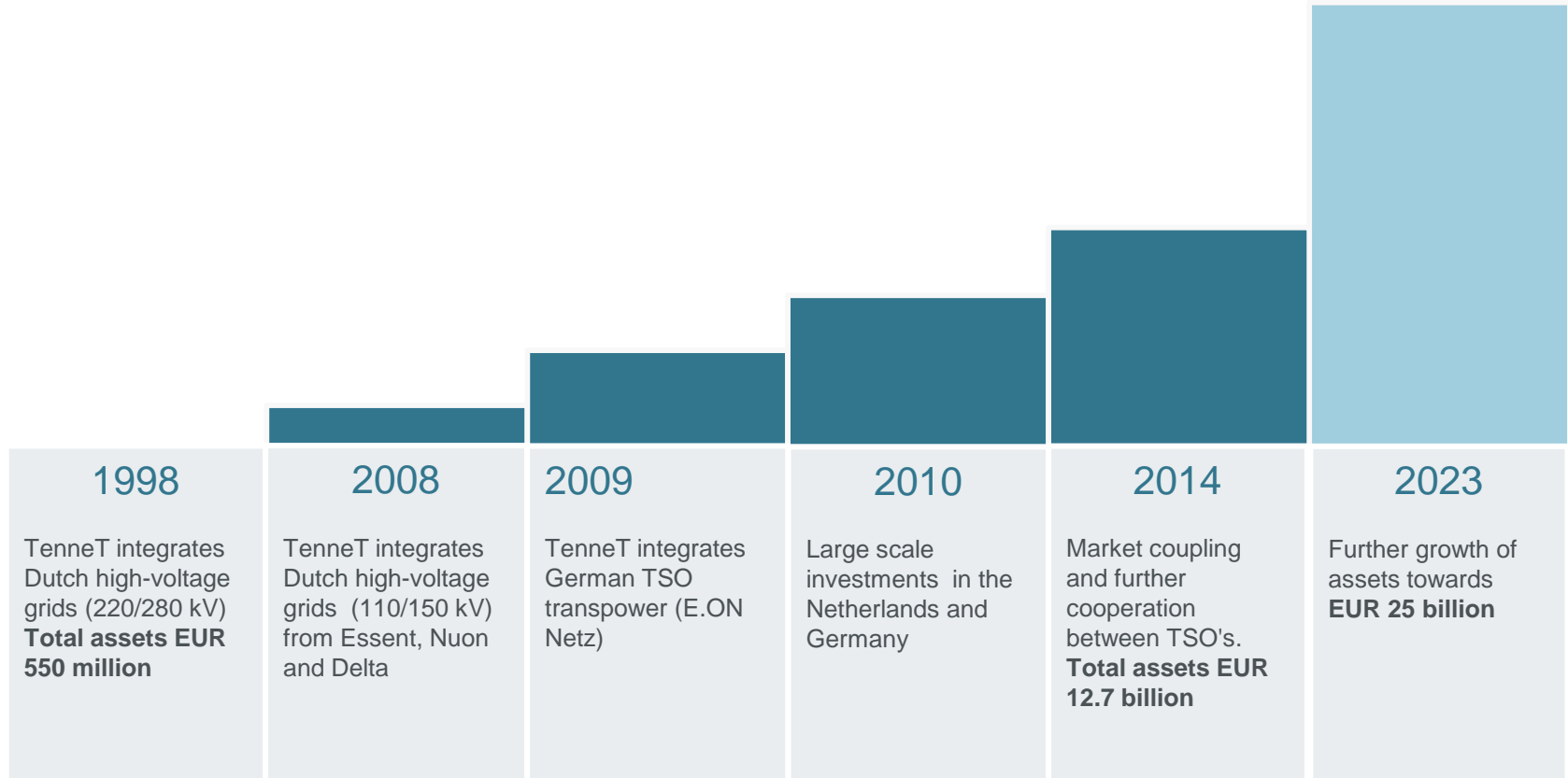
Investments account for 16,7 % of 150 billion in the EU.
Number of end-users account for 7.7% of a total of 532 million in the EU.

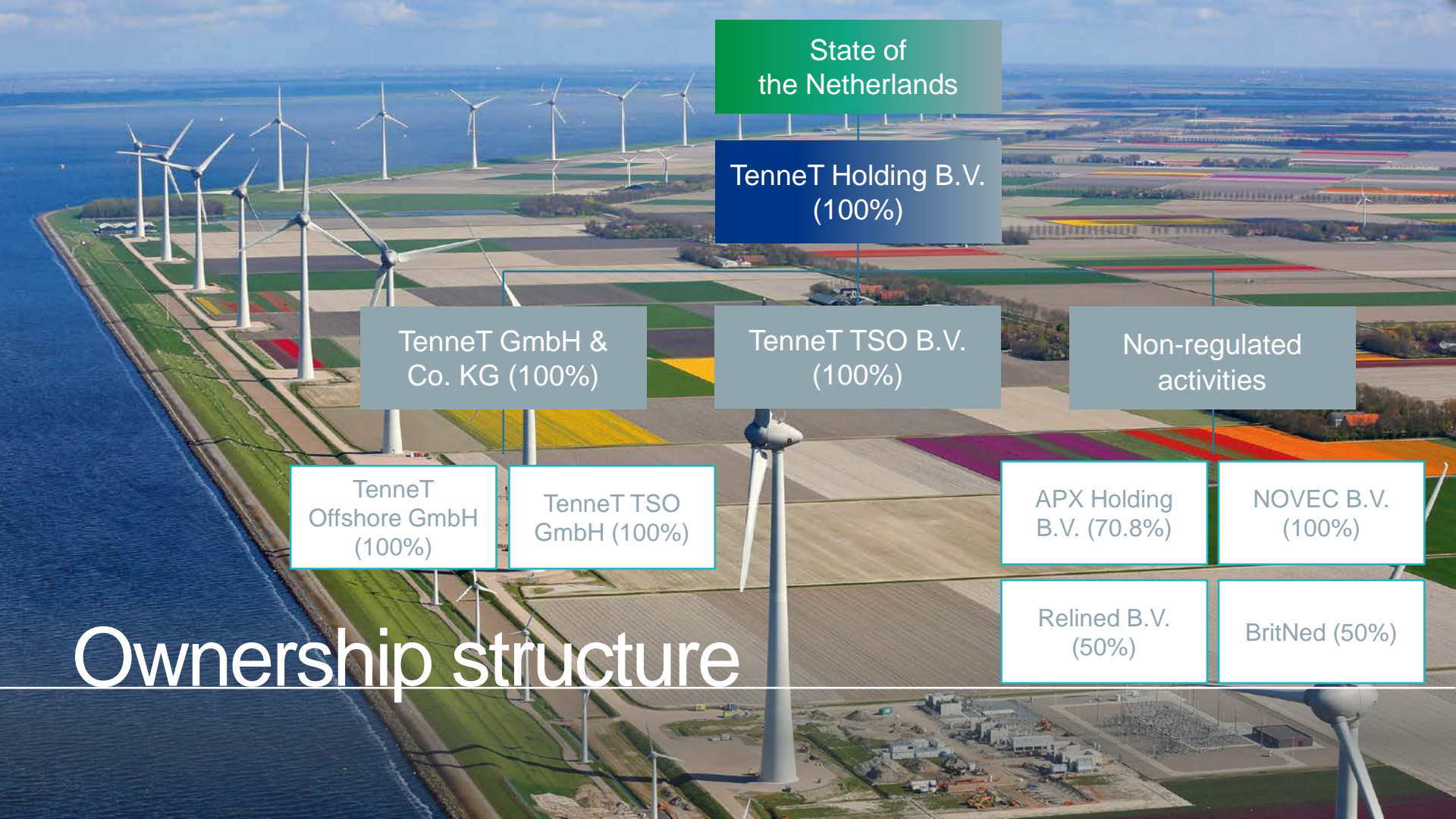
Figures for the year ended 31 December 2016 based on underlying financial information

TenneT at a glance



Annual growth 1998-present: 14%





State of
the Netherlands

TenneT Holding B.V.
(100%)

TenneT GmbH &
Co. KG (100%)

TenneT TSO B.V.
(100%)

Non-regulated
activities

TenneT
Offshore GmbH
(100%)

TenneT TSO
GmbH (100%)

APX Holding
B.V. (70.8%)

NOVEC B.V.
(100%)

Relined B.V.
(50%)

BritNed (50%)

Ownership structure

The TSO tasks



Our three main tasks

1

Transmission services

2

System services

3

Market facilitation



The three speeds



In Europe

1

Policy development

2

Infrastructure

3

Integration of renewables



The three parts of the solution



1

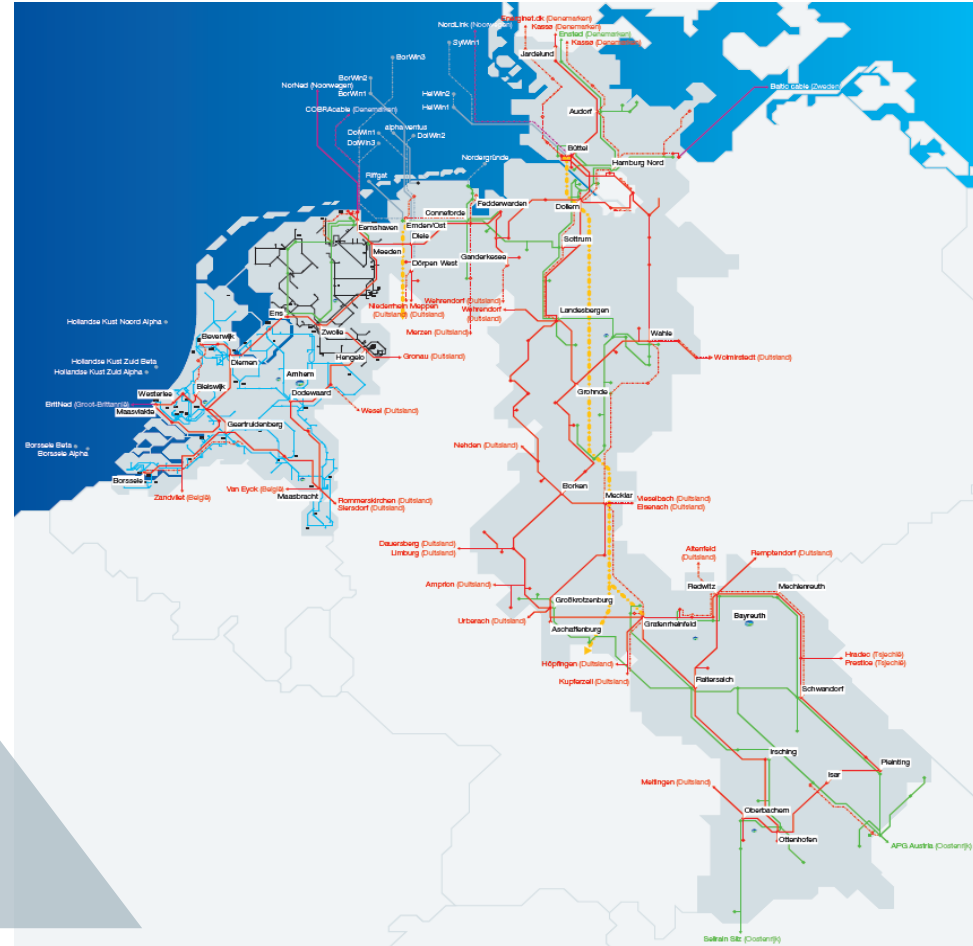
Continued grid investments

2

Storage

3

Flexibility



The three elements of the chain



1

Consumers

2

DSO

3

TSO

Questions

