#### **DNV-GL**



## **The Norwegian Seminar on Green Economics**

The SDG's and the Energy outlook for the coming decades BI 30. May 2018

Bjørn Kj. Haugland, Chief Sustainability Officer & Executive Vice President



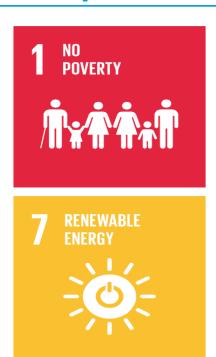


## 2015 – the world's turning point!

05 April 2018



## **One plan – One planet**



























05 April 2018

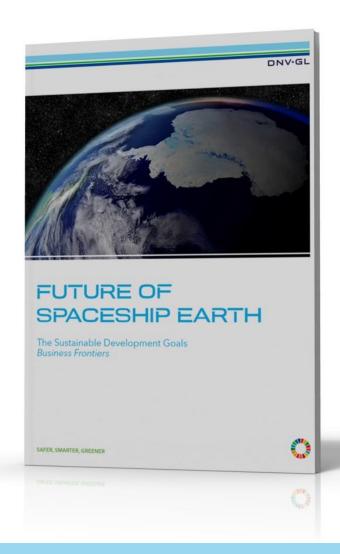






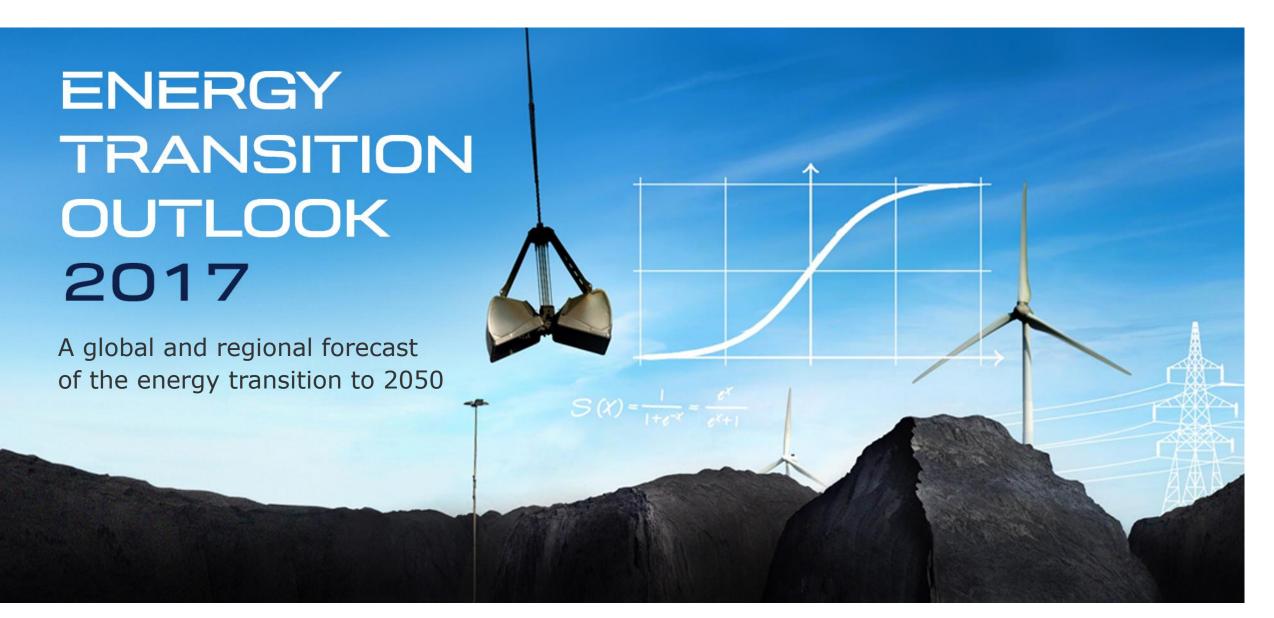


### **Our 2030 Forecast**

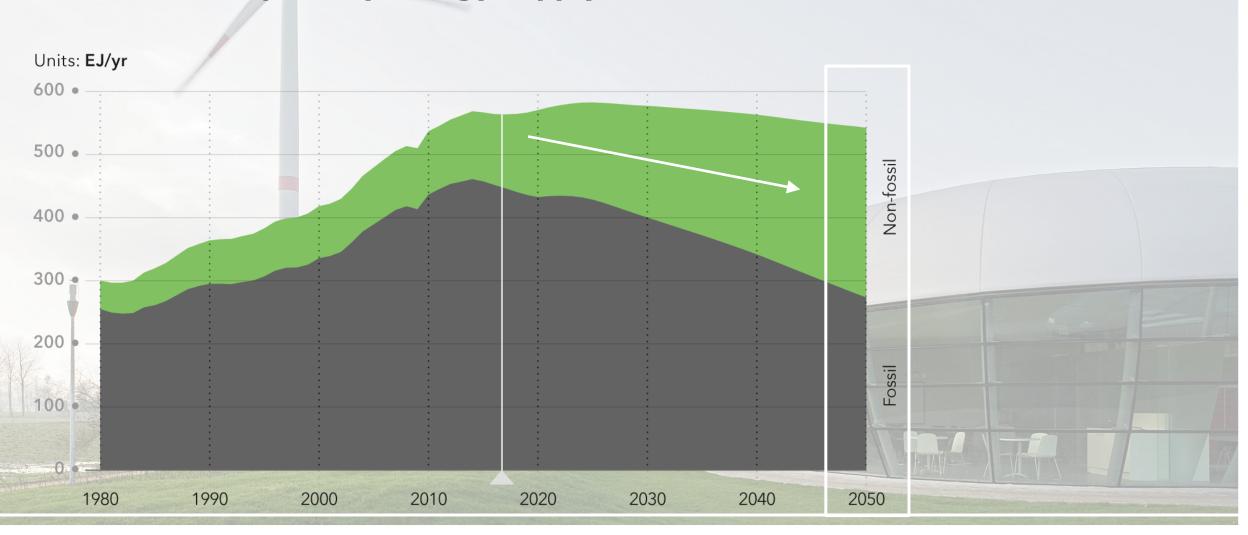


		ROW	BRISE	CHINA	OECD	USA
1.	No poverty					
2.	Zero hunger					
3.	Good health and well-being					
4.	Quality education					
5.	Gender equality					
6.	Clean water and sanitation					
7.	Affordable and clean energy					
8.	Decent work and economic growth					
9.	Industry, innovation and infrastructure		•	•		
10.	Reduced inequality					
11.	Sustainable cities and communities					
12.	Responsible consumption and production		•	•		
13.	Climate action					
14.	Life below water					
15.	Life on land					
16.	Peace, justice and strong institutions					
17.	Partnerships for the goals	Not	enoug	h data	to as:	sess

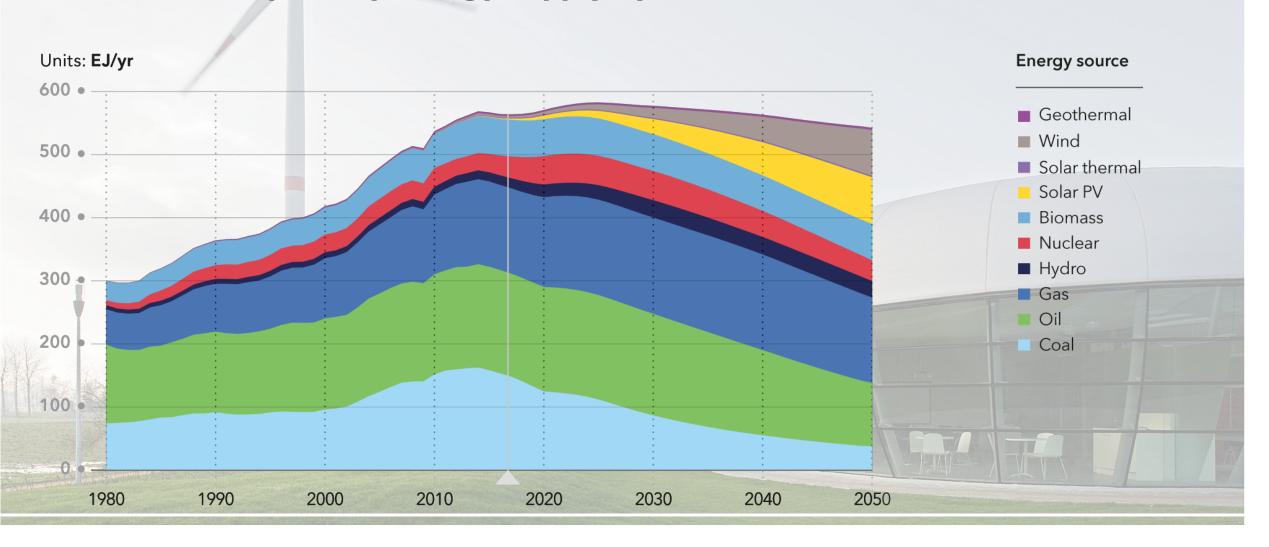
**DNV-GL** 

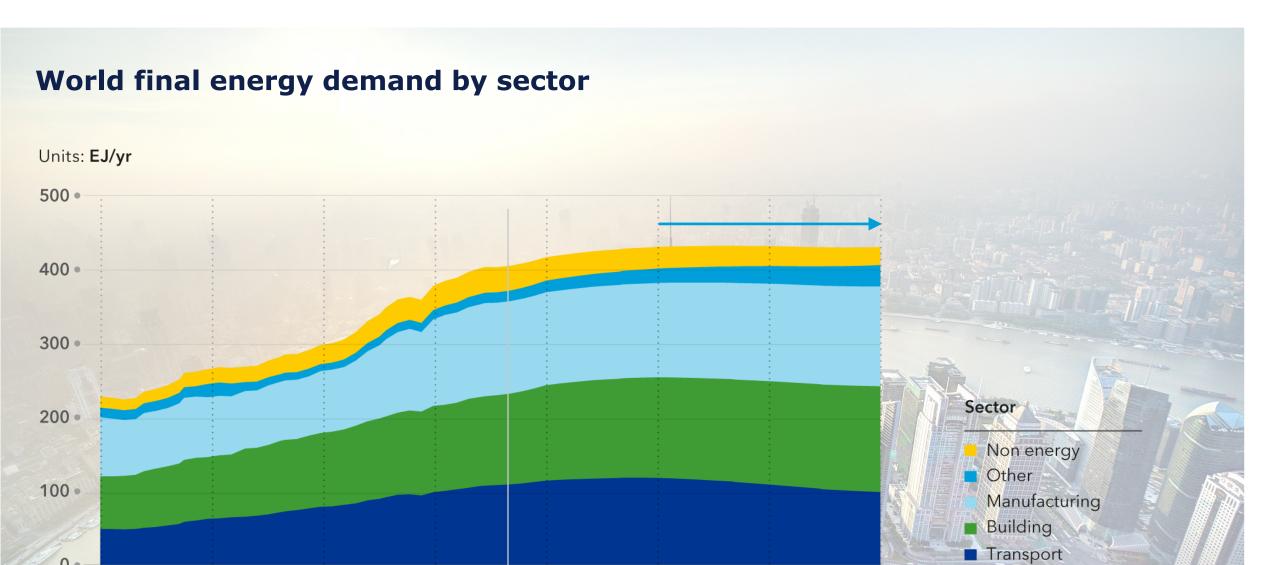


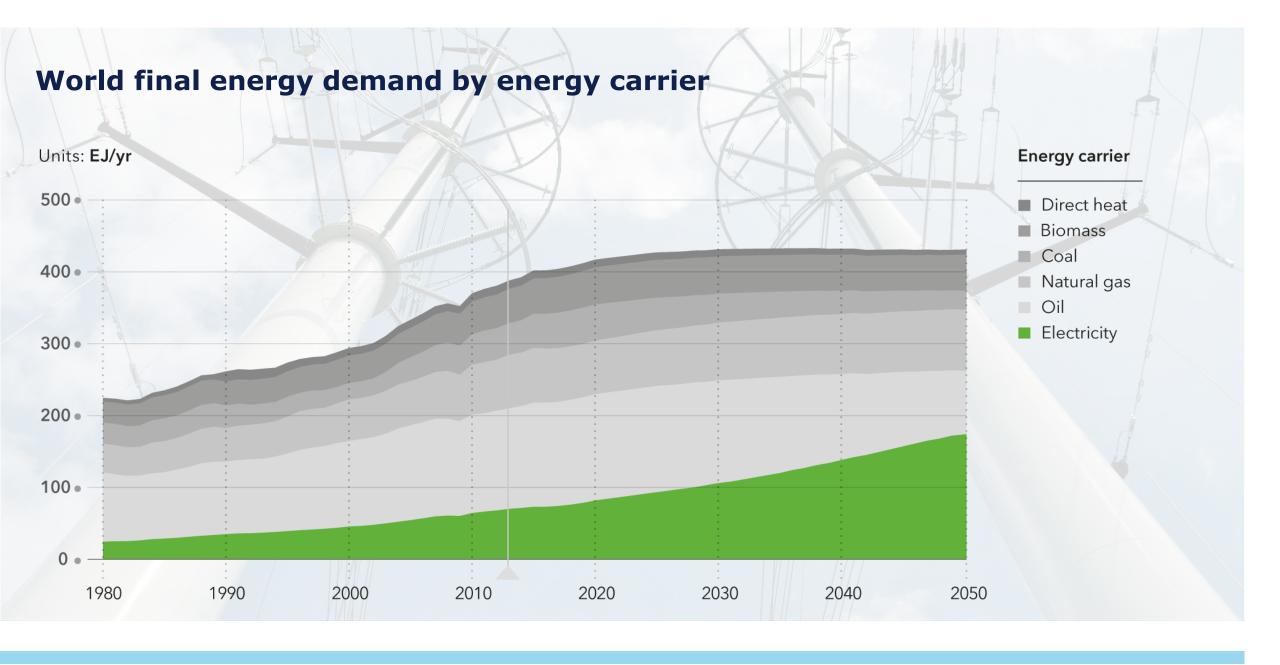
# Forecast world primary energy supply



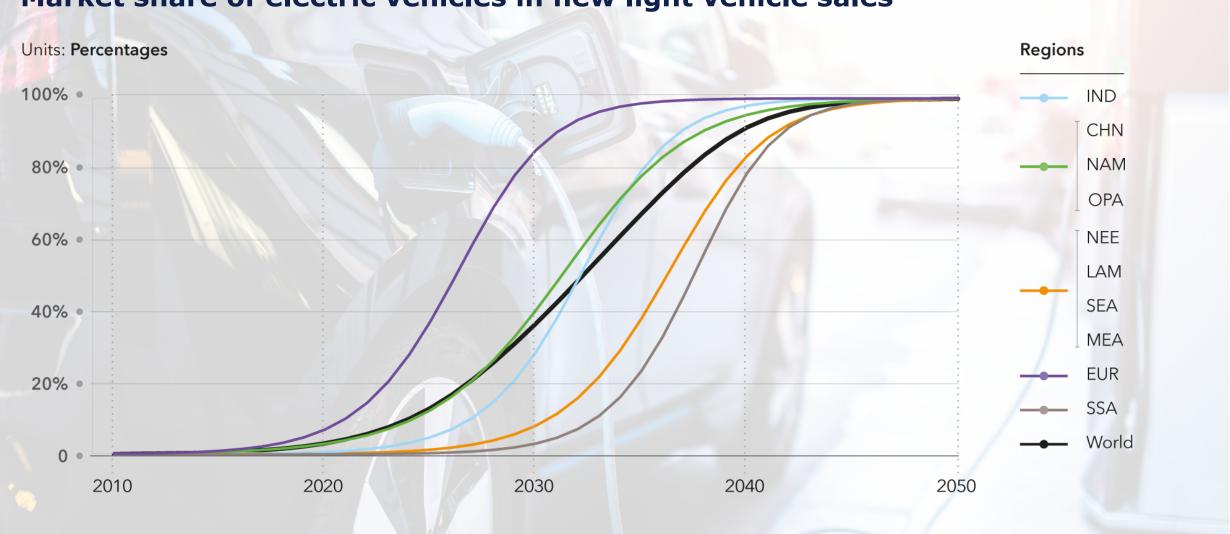
## Forecast world primary energy supply by source



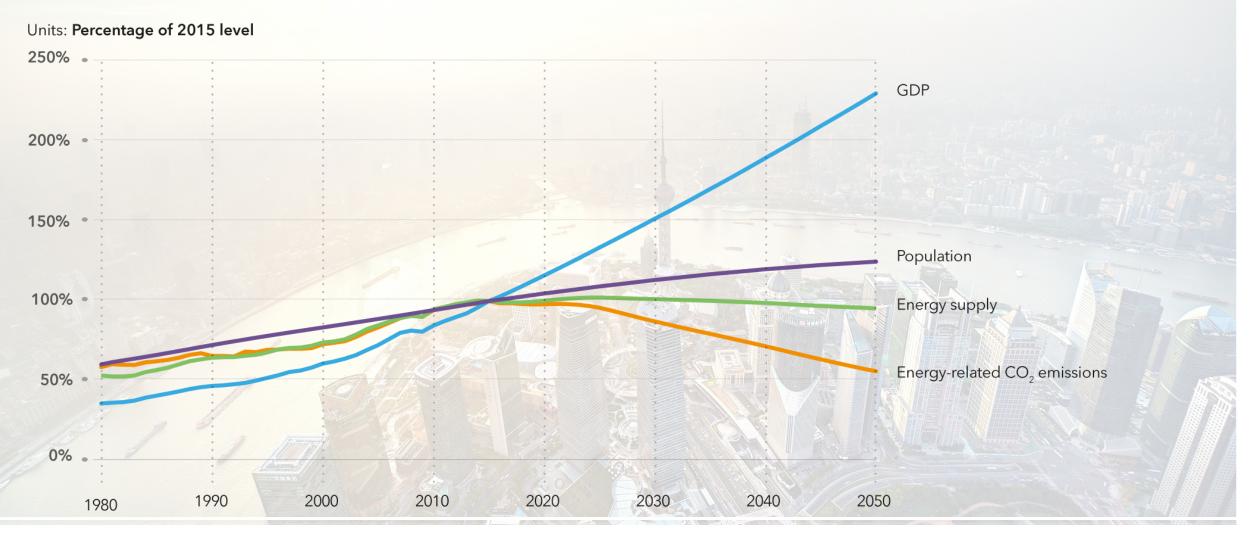


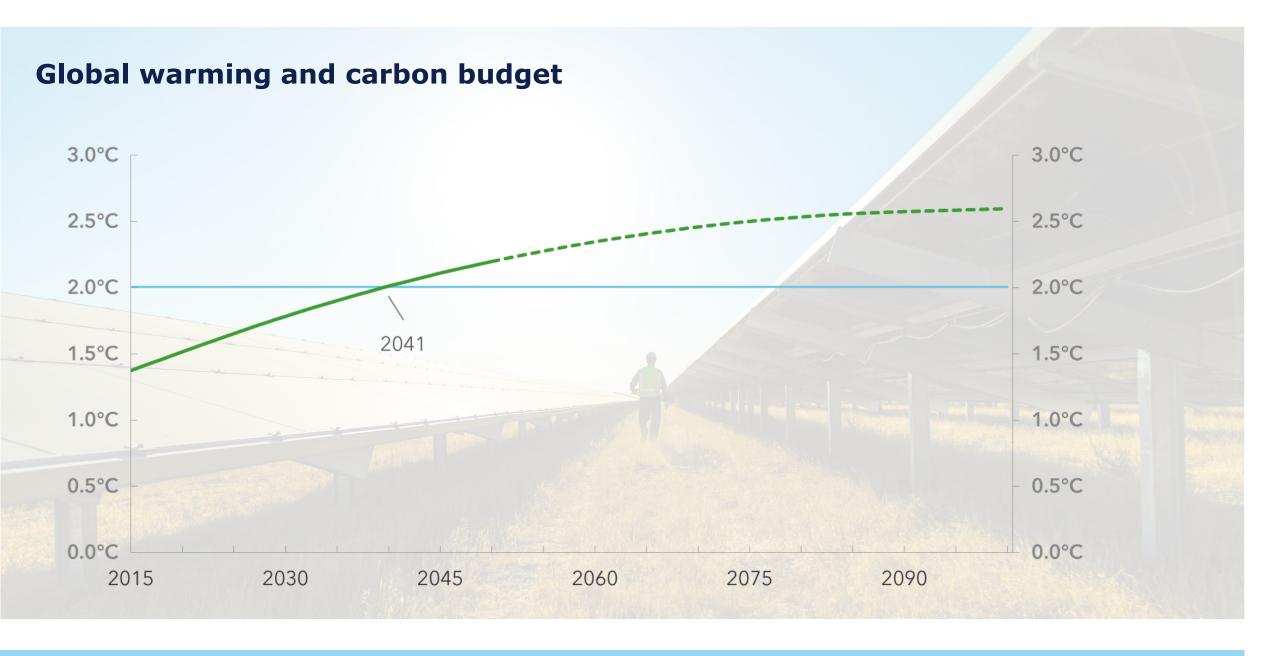






## **Economic growth vs. energy efficiency growth**





## Thank you!

