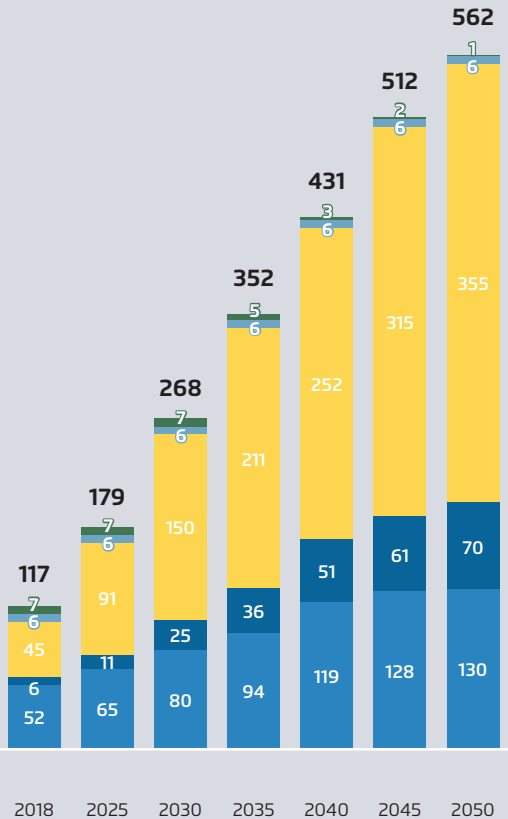
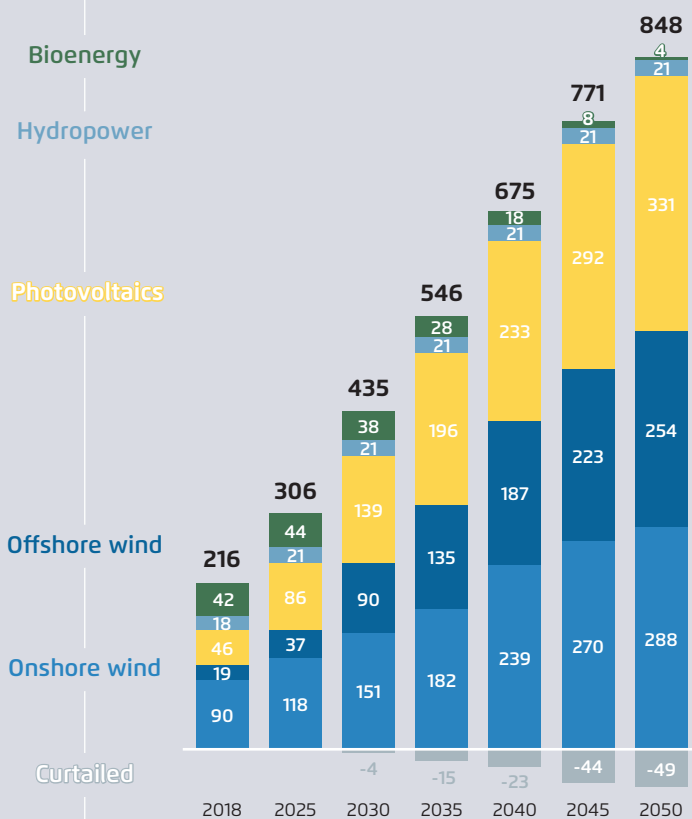


Installed renewable capacity (GW)



Renewable net electricity generation (TWh)



Needed average added capacity per year

Gross increase, for life spans of 25 years

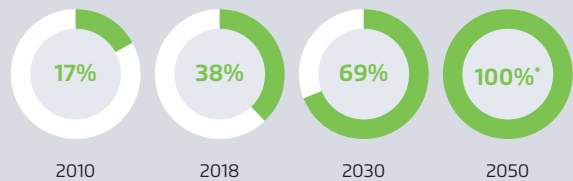
2021–2030



Past years with greatest added capacity:
 Photovoltaics: 8 GW (2010, 2012)
 Offshore wind: 2 GW (2015)
 Onshore wind: 5 GW (2014, 2017)

Cumulative gross increase from 2021 to 2030:
 Photovoltaics: 98 GW
 Offshore wind: 17 GW
 Onshore wind: 44 GW

Share of renewable energy in gross electricity consumption



* Includes electricity generation from renewable hydrogen together with stored and imported renewable electricity. Prognos (2020)