



Energy decarbonisation strategy for Lithuania – 80% renewables in 2050

Ministry of Energy of the Republic of Lithuania
Daumantas Kerežis

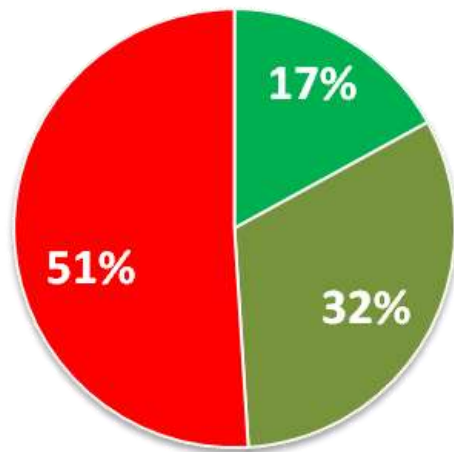


Review of Lithuanian energy sector situation (2010)

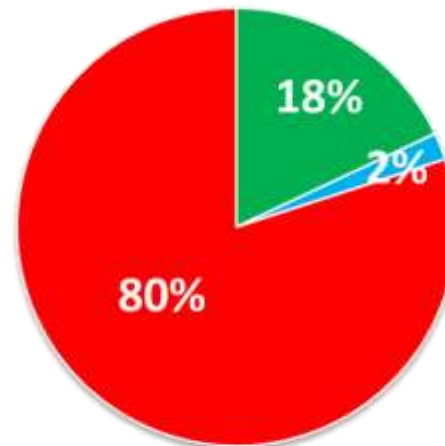


DEPARTURE POINT

Energy island / No energy market

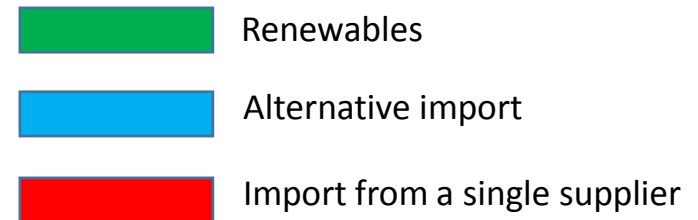


2009



2010

Energy mix:

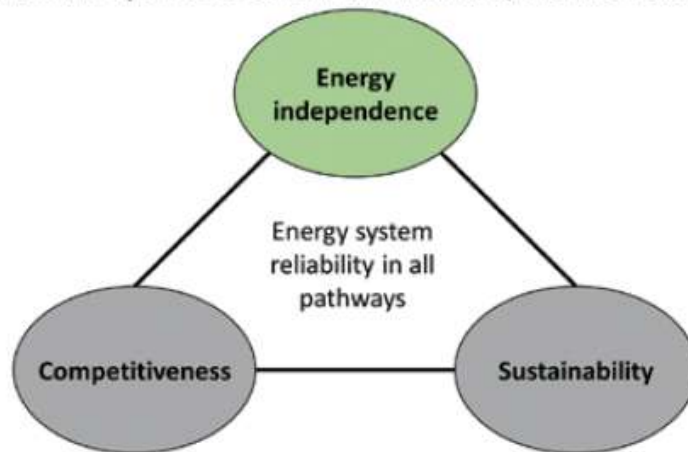


National Energy Independence Strategy of Lithuania (2012)

2. The main 3 strategic principles of the Lithuanian energy sector

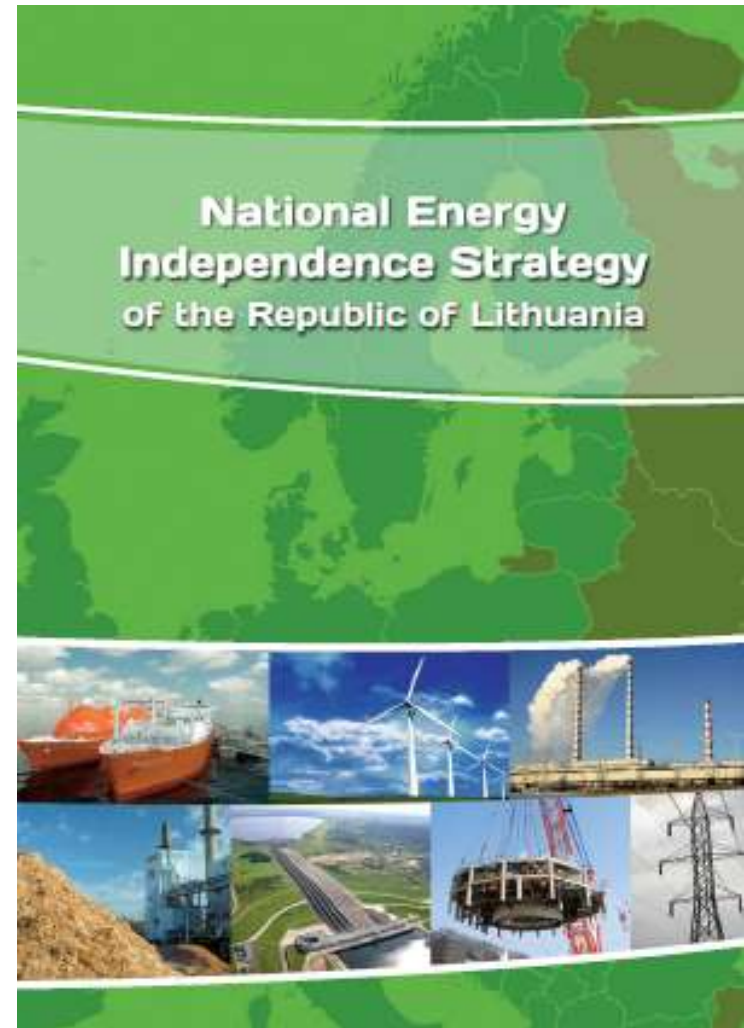
Integration into European energy networks; sufficient and competitive local energy generation capacities to cover internal demand; diversified energy imports

Most critical through 2020



Price determined by objective market conditions and is favorable to the customer

Environmentally friendly energy sector; effective resource depletion



National Energy Independence Strategy of Lithuania (2017 Draft)



Strategic directions in energy

COMPETITIVENESS

ENERGY SECURITY

GREEN ENERGY

INNOVATIONS AND
BREAKTHROUGH IN ENERGY



How can we achieve the vision of 80% renewables in 2050? (1)



Development of **renewables**, with an emphasis on **wind energy** and **prosumers**

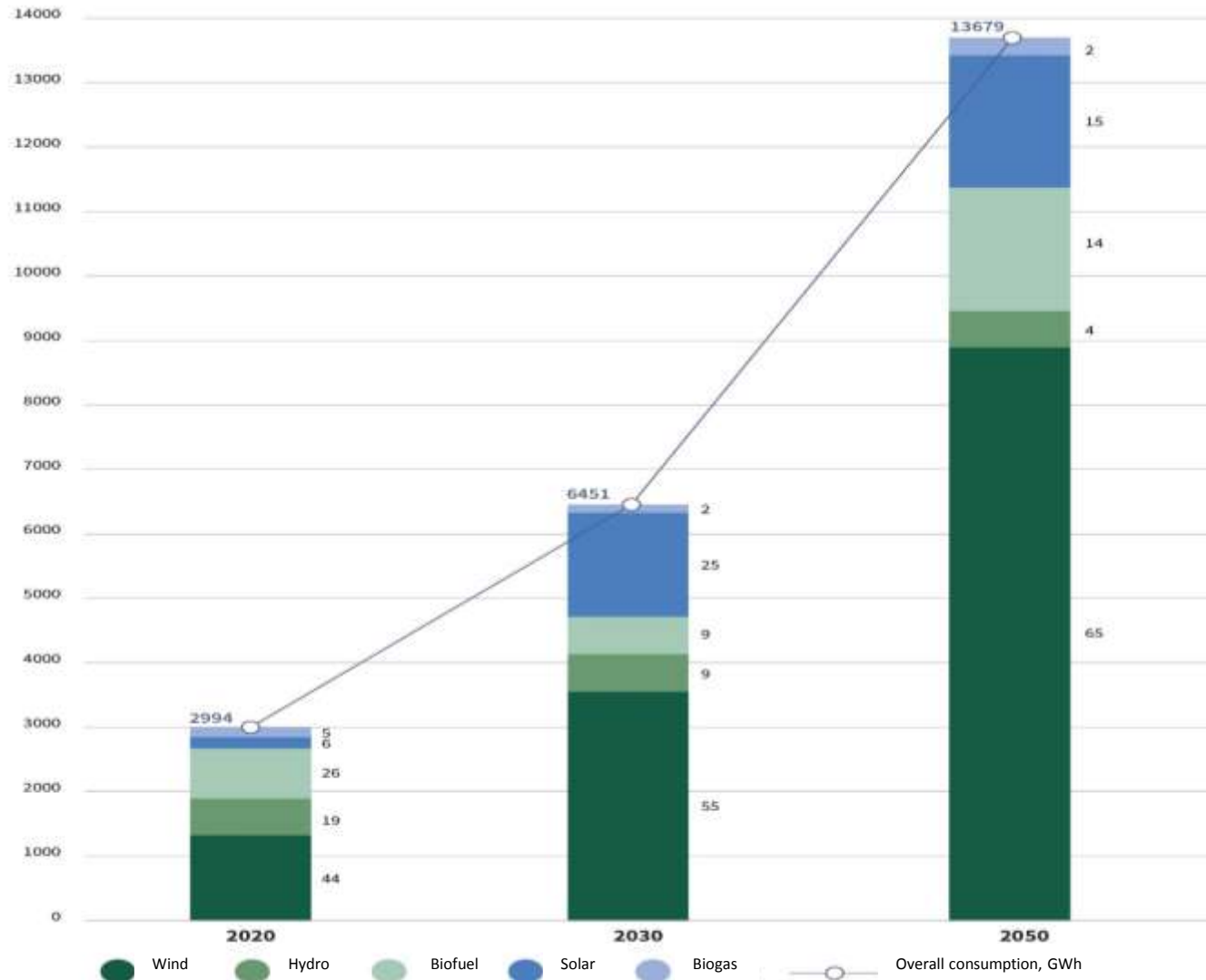


Energy **efficiency** – primary and final energy intensity around 2,4 times lower than in 2017



Transport fuel transformation

Market structure of consumed RES electricity, % and GWh (forecast)



How can we achieve the vision of 80% renewables in 2050? (2)



Solutions for energy **supply and demand management** and consumer **behavior change**

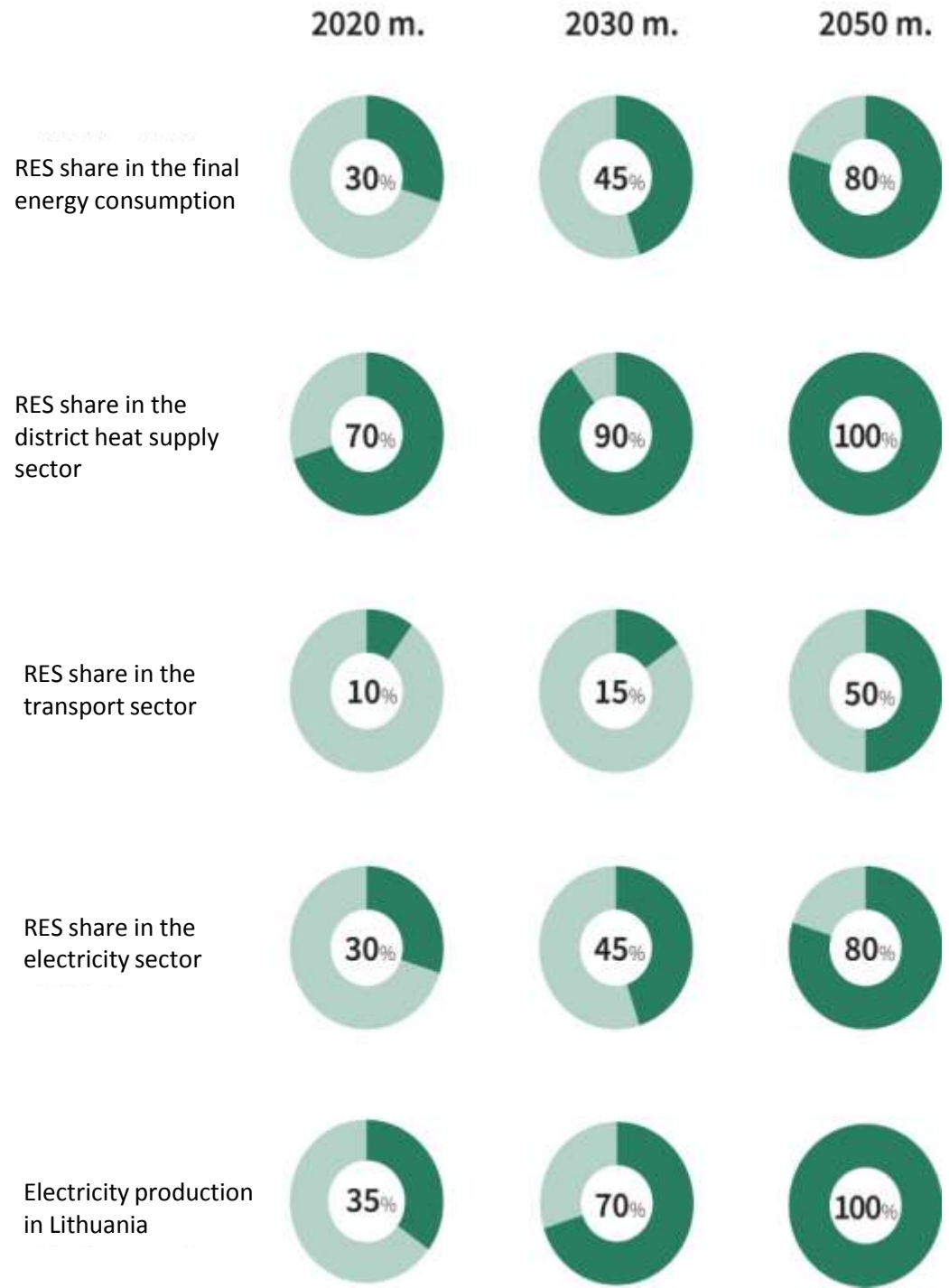


Modernization of existing **energy technologies** and creation of **new ones**



Centre of competence for renewable energy technologies

Long-term goals of the energy sector



Thank you!

