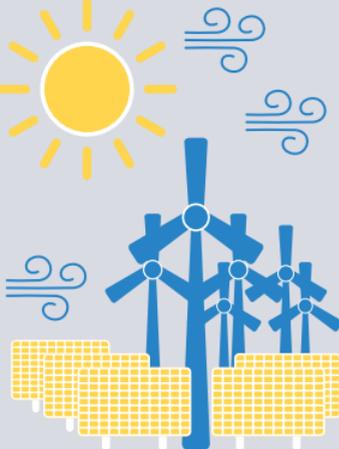


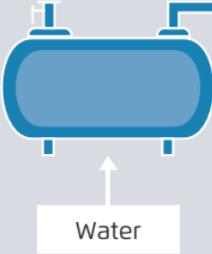
Production process for electrofuels (hydrogen, power-to-gas methane and power-to-liquid fuels) from sun and wind

Figure 31

Electricity from renewable energy



Electrolysis



Hydrogen
 H_2

Methanation



Synthetic methane
(based on renewable energy)

CO_2



Synthetic gasoline
Synthetic diesel
Synthetic kerosene
(based on renewable energy)

Fischer-Tropsch process
or methanol synthesis