

## **Abstract for presentation at Conference on CO2-based Fuels and Chemicals 2023**

Already today, RWE is one of the world's leading companies in renewable energies. With our strategy "Growing Green", RWE intends to expand its sustainable growth even further by investing EUR 50 billion in its core fields by 2030: offshore and onshore wind, solar, batteries, flexible generation and hydrogen. We firmly believe that green hydrogen holds a huge potential for the energy transition: **Hydrogen is key in the value chain of CO2 based fuels and chemicals.** Thereupon, RWE has set itself the target to build up our own net 2 GW of electrolyser capacity by the end of the decade.

**RWE is positioned extremely well along the entire value chain for green hydrogen:** As a leading producer of electricity from renewables, RWE can deliver the clean electricity needed to produce hydrogen, and moreover possesses the expertise required to produce green hydrogen in-house.

Given this background, RWE is a frontrunner in driving the development of the hydrogen economy forward by implementing a series of integrated projects across the entire value chain that would markedly contribute to the EU's vision and ambition. RWE is cooperating with strong partners from industry and the scientific community to drive forward currently **30 hydrogen projects** e.g. GETH2 IPCEI , AquaVentus and Eemshydrogen in our core markets Germany, the Netherlands and UK.