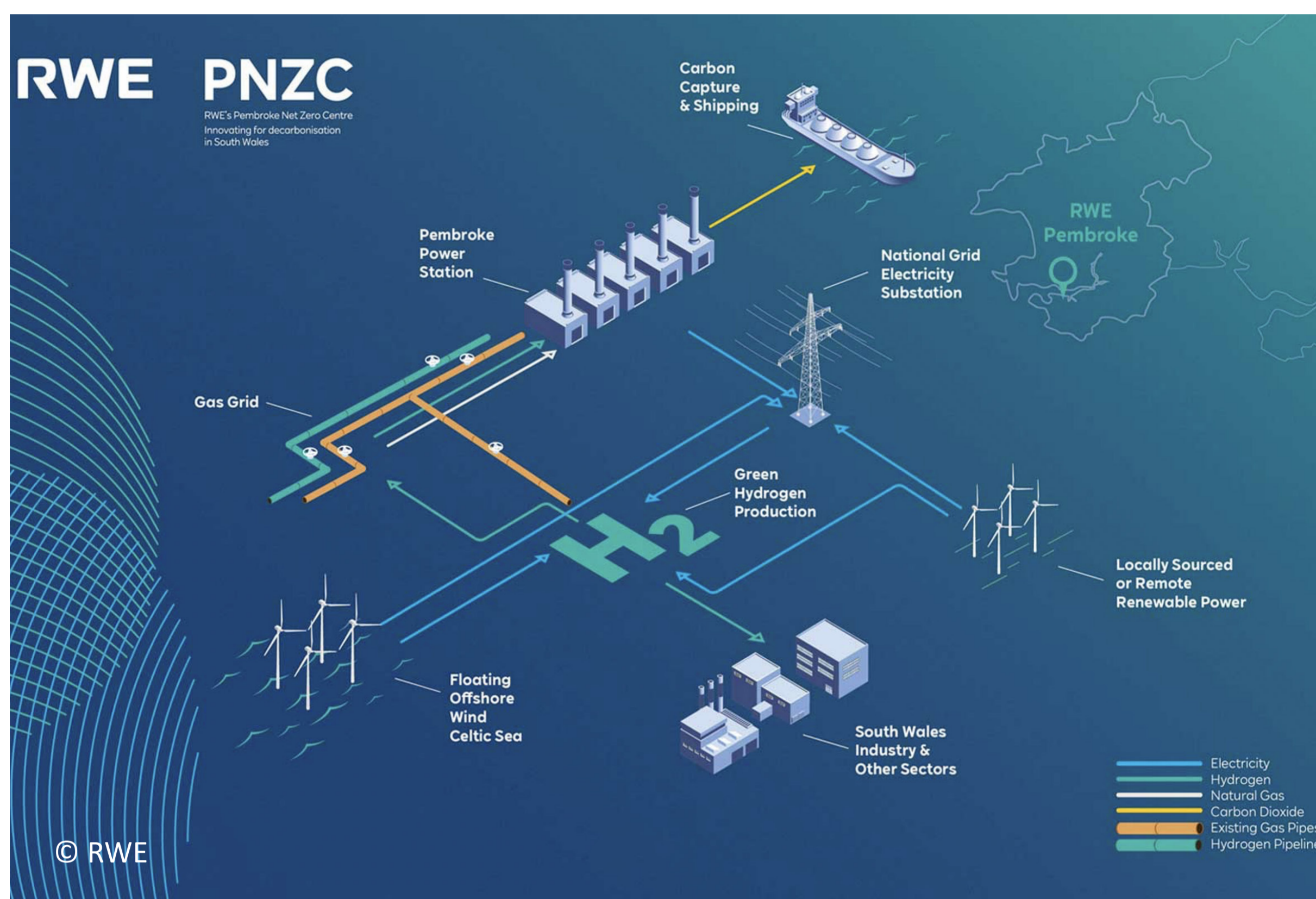


Other local and regional groups working towards a decarbonised energy system



RWE

RWE is a key industrial player on the Haven waterway, owning and operating the Pembroke natural gas-fired power station. To transition to carbon neutrality, RWE is looking at wide-scale investment in decarbonisation technologies which includes transforming the Pembroke power station to the Pembrokeshire Net Zero Centre (PNZC) – a decarbonisation hub linking innovative low carbon technologies such as hydrogen production, CCUS and floating offshore wind.

Feasibility studies for the decarbonisation of the Pembroke power station with CCS and hydrogen production have commenced and RWE have now started FEED (Front End Engineering Design) study for a green hydrogen production project using a 100-110 MW electrolyser. RWE has plans to scale hydrogen production to the Gigawatt (GW) scale in the longer term and develop floating offshore wind farms in the Celtic sea.

RWE sees the PNZC as an enabler to unlock the route to net zero in South Wales and is working with the MH:EK project and the SWIC projects to further understand decarbonisation plans and ensure projects and plans are aligned.

“RWE is looking to deliver 2GW of hydrogen projects by 2030, including a green hydrogen project in Pembrokeshire. Key to this is the economic viability of projects producing hydrogen for use across a wide variety of sectors such as transport, power and industry. RWE welcomes the work of MH:EK in helping to make the storage, use and distribution of hydrogen cost effective.”

Jeremy Smith, RWE

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