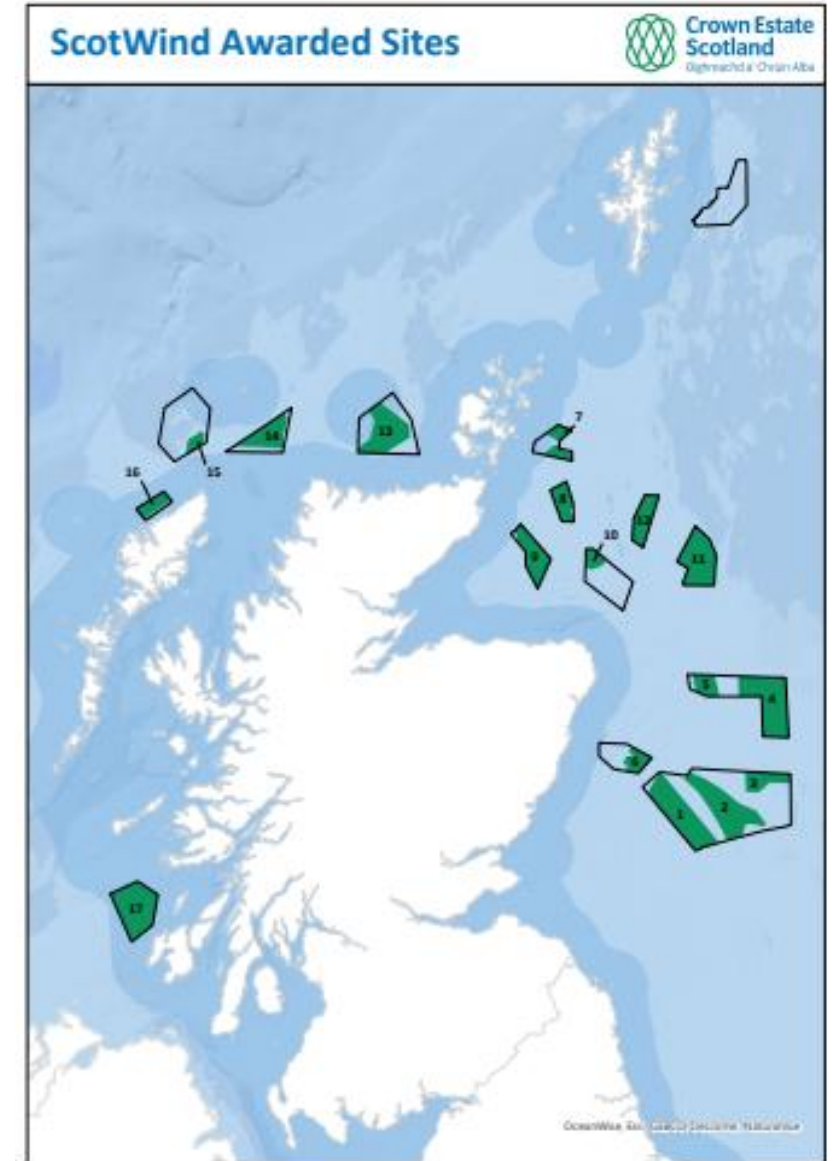


# Scottish Government Hydrogen Policy



- Net Zero by 2045, a 75% reduction in emissions by 2030 and a commitment to a just transition
- Energy Strategy and Just Transition Plan to be published in 2022
- Scotland is already a net exporter of electricity
- The amount of **renewable electricity generated in Scotland in 2021** is the equivalent of **powering all households in Scotland** for almost **three years**.
- **40GW pipeline of renewable energy projects** with a supportive investment package to drive the energy transition





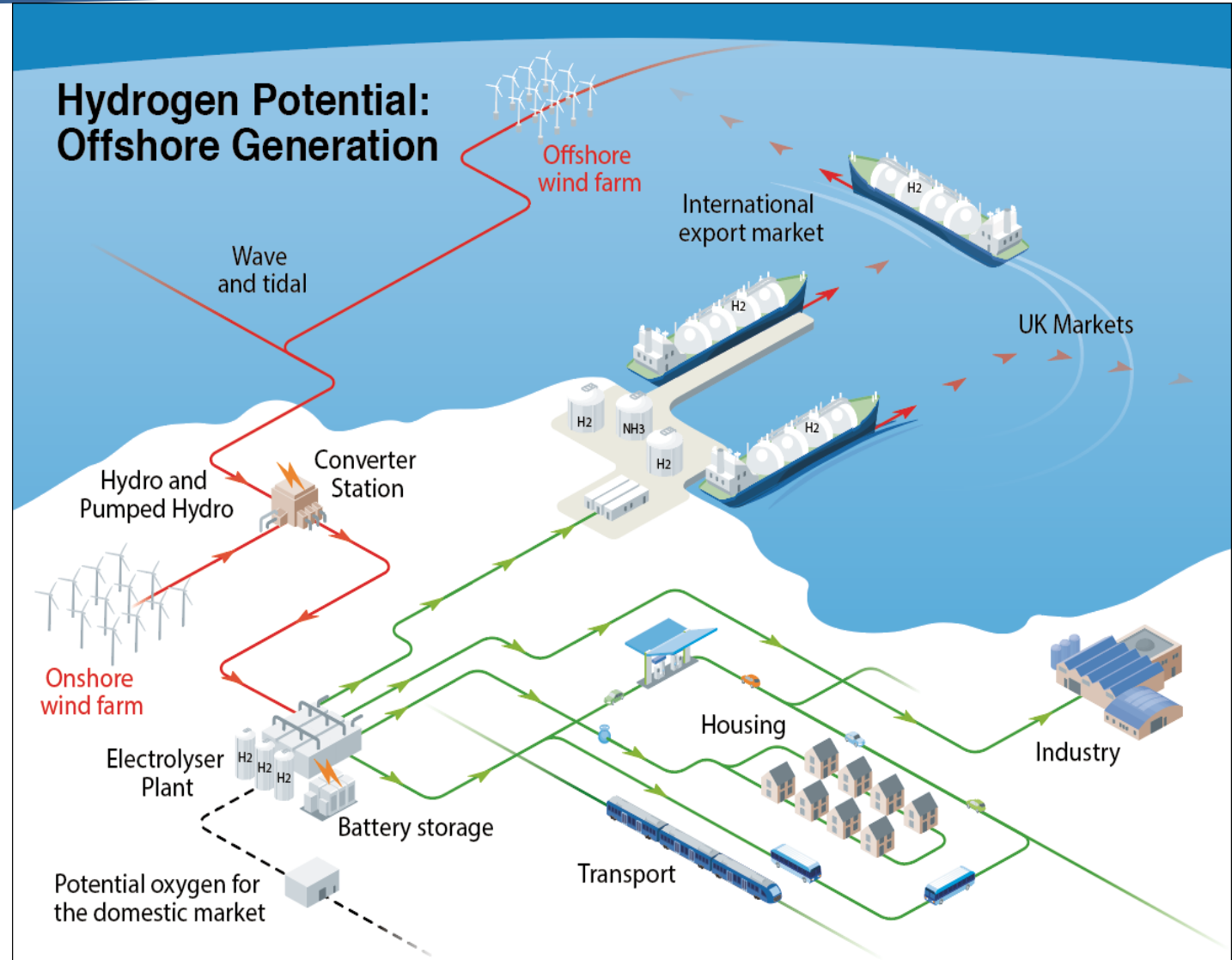
- **Ambition of 5GW installed hydrogen production capacity by 2030 and 25GW by 2045**
- Significant proportion of UK ambition for 10GW by 2030 will come from Scotland
- Supported by UK and Scottish investment package
  - Net Zero Hydrogen Fund, Hydrogen Business Model, Emerging Energy Technologies Fund
- Both renewable and low-carbon hydrogen will play an important role in our transition to net zero in 2045
- Vast renewable resources in Scotland will support both a domestic and export market for hydrogen

## Draft Hydrogen Action Plan



# Scottish Hydrogen Economy

- ✓ Abundant natural resources
- ✓ Experienced energy exporter
- ✓ Skilled energy supply chain
- ✓ Research and innovation expertise
- ✓ Supportive policy environment



- **EMEC (Orkney)**
- **Net Zero Technology Centre**
- **Scot2Ger (Scottish Power, Scottish Enterprise, KPMG)**
- **UKG (BEIS) Colleagues (cross-directorate)**
- **Hydrogen Accelerator (St.Andrews Uni)**
- **Energy Technology Partnership (ETP)**
- **SGN H100 Project**
- **Aberdeen Hydrogen Hub (ACC,BP)**

