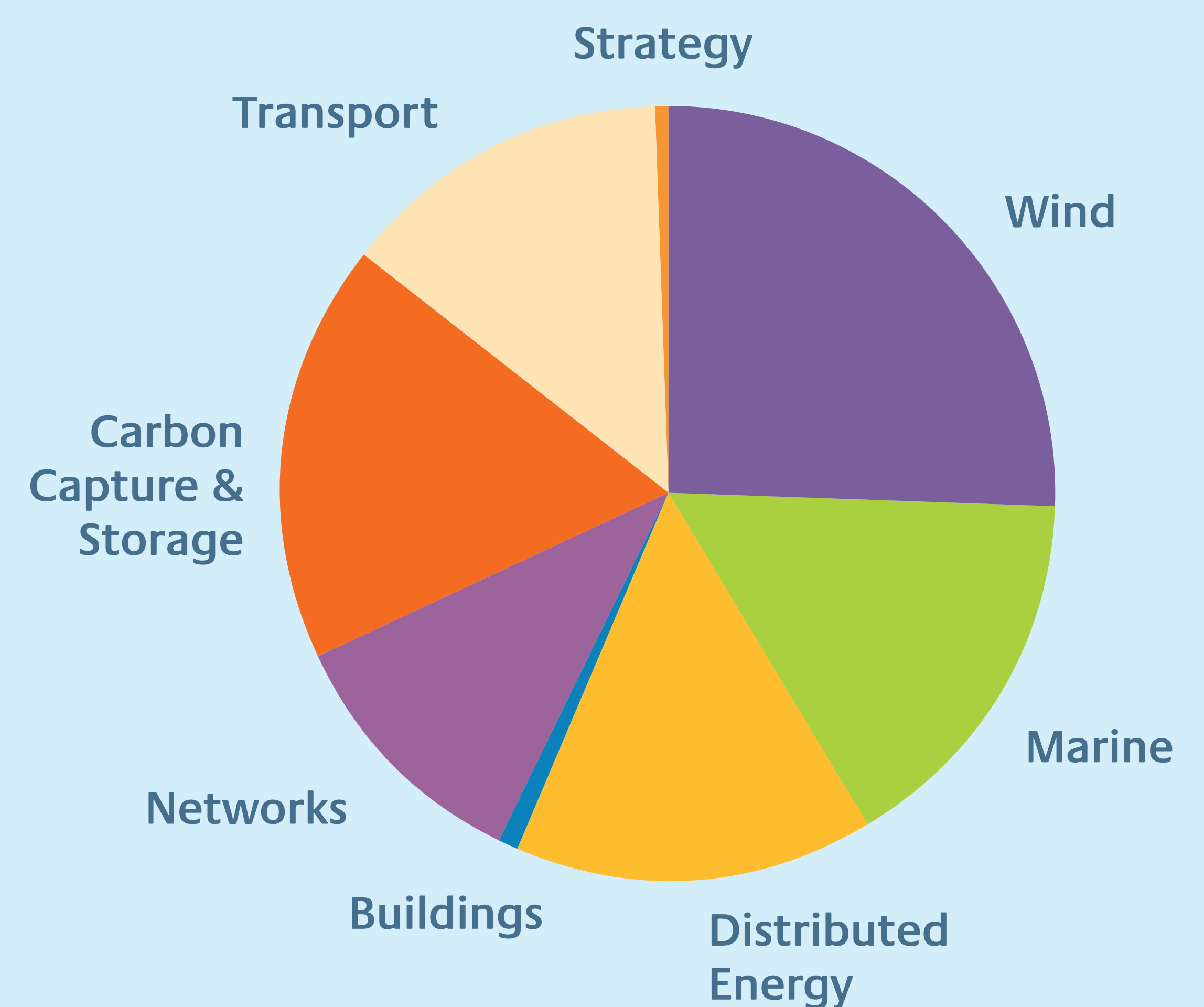


## Potential Programme Spend



# Technology Programmes

A Programme portfolio of over £200M has been developed focusing on UK energy targets and leveraging ETI capabilities

**Wind (primarily offshore)** – Accelerating the development of novel technology solutions including new turbine designs

**Marine** – Demonstrating low cost and innovative wave and tidal stream energy technologies

**Distributed Energy (DE)** – Novel local low-carbon energy solutions including energy from waste, combined heat and power, demand and supply optimisation, stationary fuel cells, heat pumps and solar thermal systems

**Energy Networks** – New electricity, gas and heat infrastructure solutions enabling a substantial deployment of low-carbon

energy systems in the UK. Includes large-scale energy storage

**Carbon Capture & Storage (CCS)** – UK offshore CO<sub>2</sub> storage appraisal, CO<sub>2</sub> networks modelling and low cost CO<sub>2</sub> capture technologies

**Transport** – Infrastructure demonstration for electrified light vehicles and improving heavy duty vehicle efficiency

**Buildings** – The development of new retrofit technology packages to improve UK building stock energy efficiency