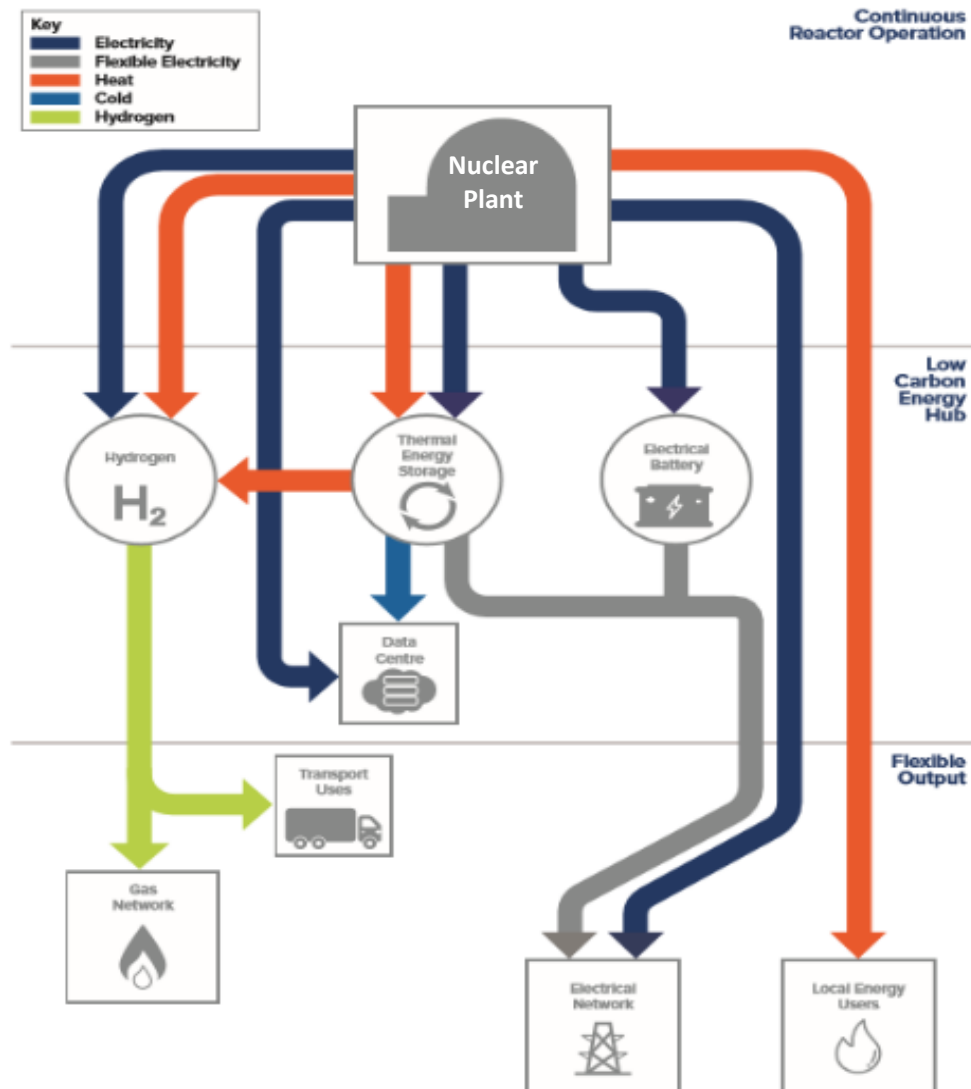# A green and diverse construction project

- **Sizewell C are carrying out an emissions audit of the project.** We will then look to identify opportunities to reduce the carbon footprint of the construction and operation of the plant, through our supply chain.

- This could include: logistics, transportation, on-site generation, through to catering contracts.

- **Through discussions with HMG and local authorities we are looking to promote local and regional sourcing strategies**.

- We are also keen to explore opportunities in and around the Sizewell estate, with local landowners and residents, **to improve biodiversity and encourage clean, productive agriculture.**

- The nuclear industry has set ambitious **diversity and inclusion** targets and we are interested to explore how the local and regional supply chain can support this.

SizewellC
eDF CGN

More than a nuclear power station: supporting decarbonisation beyond the power sector

- **Kick starting the Hydrogen economy,** by a demo electrolyser potentially powered by SZB, which could be scaled up at SZC once the power plant is operational.

- **Direct Air Capture (DAC)** can be located at the nuclear power station to give **net negative lifecycle carbon emissions. Net Zero fuel** can be processed from carbon captured by DAC, which can be combined with hydrogen produced by electrolysis.

- **Aligning with Freeports** to create a 'test bed' with regulatory flexibility to deliver innovative low carbon technologies and support the decarbonisation of sectors such as shipping.

- As part of an energy hub, new nuclear can **provide even greater flexibility** For example, on a windy day when offshore wind is producing enough electricity to meet demand nuclear can divert some of its output to other low-carbon activities.

Sizewell C is proud to be collaborating on a community led project to take the town of Leiston to net zero

This project will:

1. be community led

2. take a thorough, robust engineering approach

3. have sustainable and affordable business models

4. provide social mobility by training local people

5. be open source and collaborative

6. combine thinking and funding