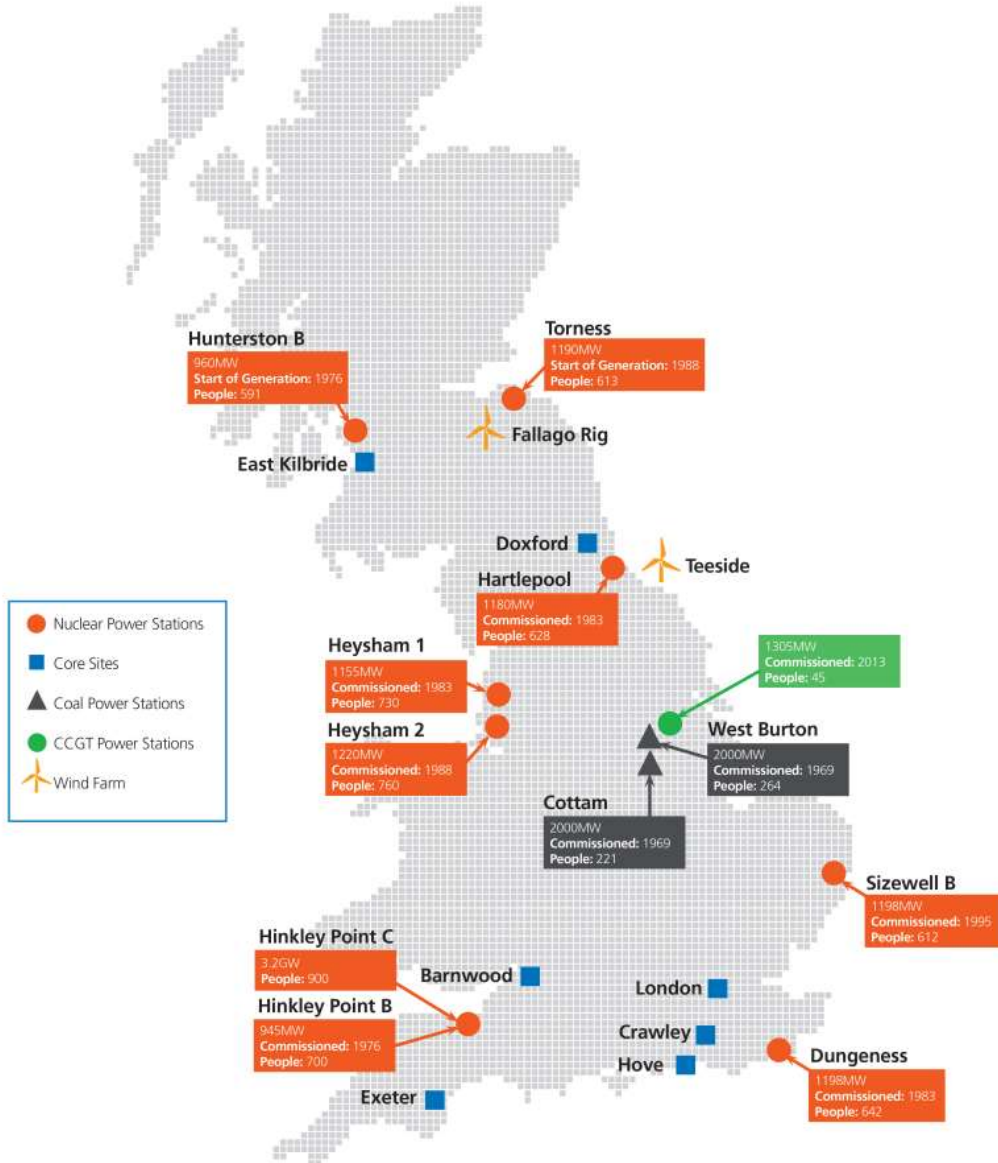


Nuclear New Build

Hinkley Point C

Ross Edwards





NUCLEAR

1 PRESSURISED WATER REACTOR

- Commissioned 1995
- Lifetime expectation 2035+

7 AGR NUCLEAR STATIONS

- 7 Advanced Gas-cooled Reactors
- Commissioned 1976 – 1988
- Lifetime expected mid to late 2020s

WIND

30 WIND FARMS

- Total capacity of ~400 MW
- EDF Energy is JV partner with EDF Energy Nouvelles
- 10% in Fallago Rig
- 50% in other wind farms

HINKLEY POINT C HINKLEY POINT B

- 25,000 new job opportunities created during construction
- Powering 6 million homes

CUSTOMERS

- Powering over 3.5 million customers
- 1.4 million of those are on Low carbon Blue
- 8 million Customer visits
- 1.25 million live chats
- Providing over 19% of the electricity supplied to UK businesses

GAS

2 GAS STORAGE SITES

- 7 converted salt cavities
- Fast injection / withdrawal – up to 7Mtherms/day

1 GAS STATION (CCGT)

- Commissioned 2013
- Lifetime 2040+

COAL

2 COAL-FIRED STATIONS

- Commissioned 1967 – 1969
- Lifetime ambition 2020+
- Co-fires biomass

EMPLOYEES

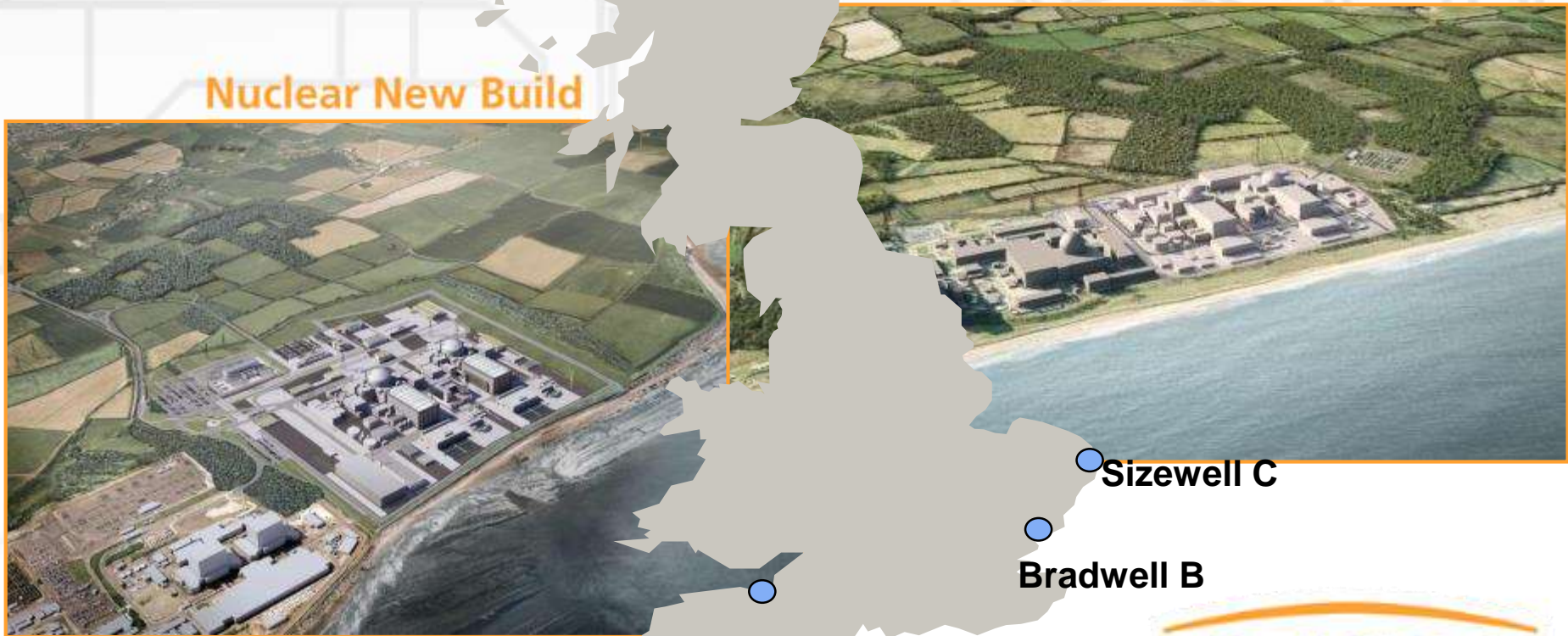
- 14,000 employees

RESPONSIBLE BUSINESS

- 8 Visitors' Centres, 45,000 visitors a year
- 20,900 schools registered to the Pod
- £905,000 fundraising for Marie Curie
- 150 company makers involved in local and company-wide projects

EDF Energy's focus for nuclear new build

Nuclear New Build



Hinkley Point C

Bradwell B

Sizewell C



Hinkley Point C: Number power

3.2 GW

power plant with
two reactors

25,000

new job opportunities
created during
construction

9 million

tonnes (approx) of
CO₂ avoided each
year, equivalent to
roughly 2 million cars

7% of
the UK's
electricity

Enough for
around

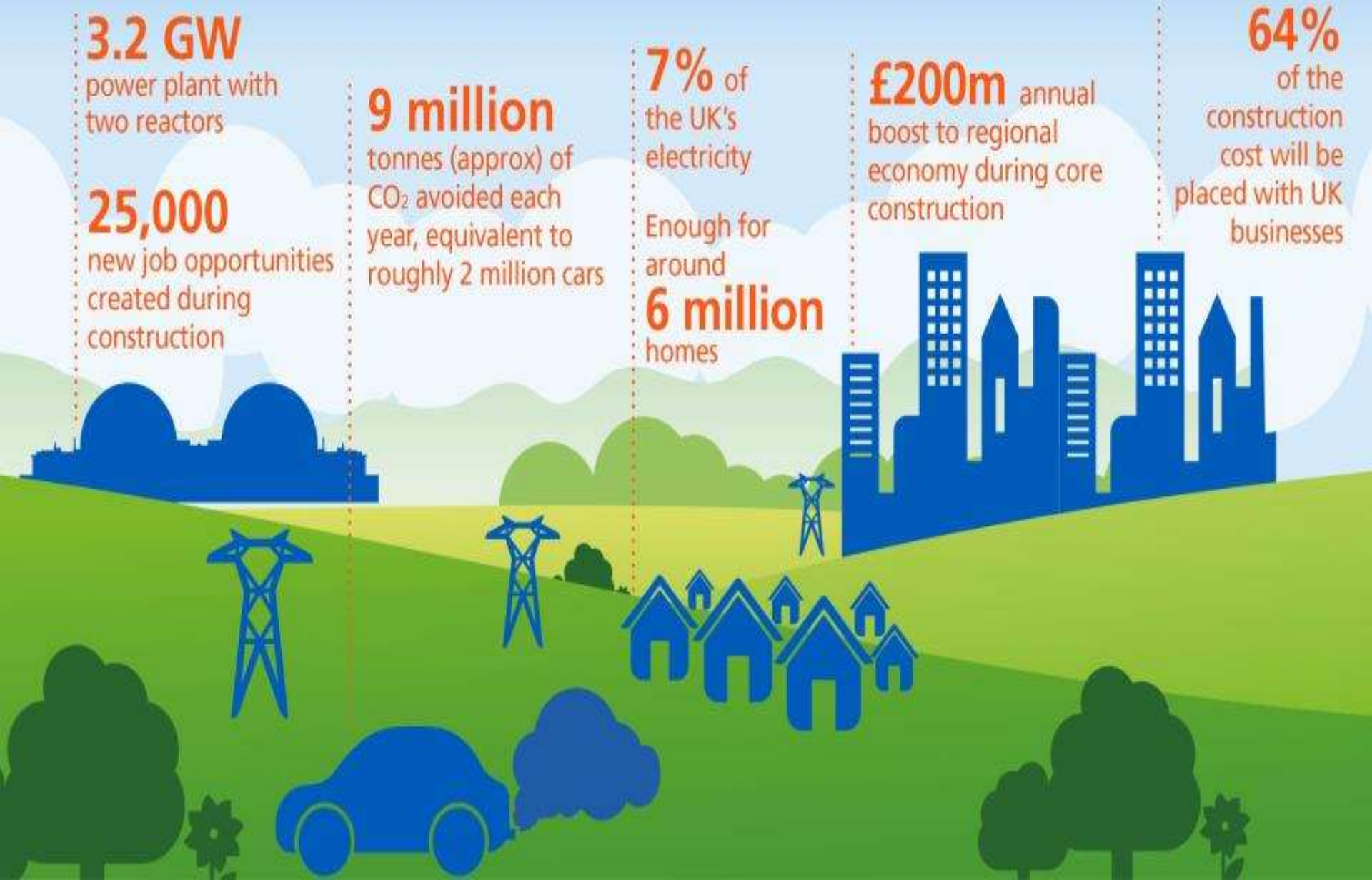
6 million

homes

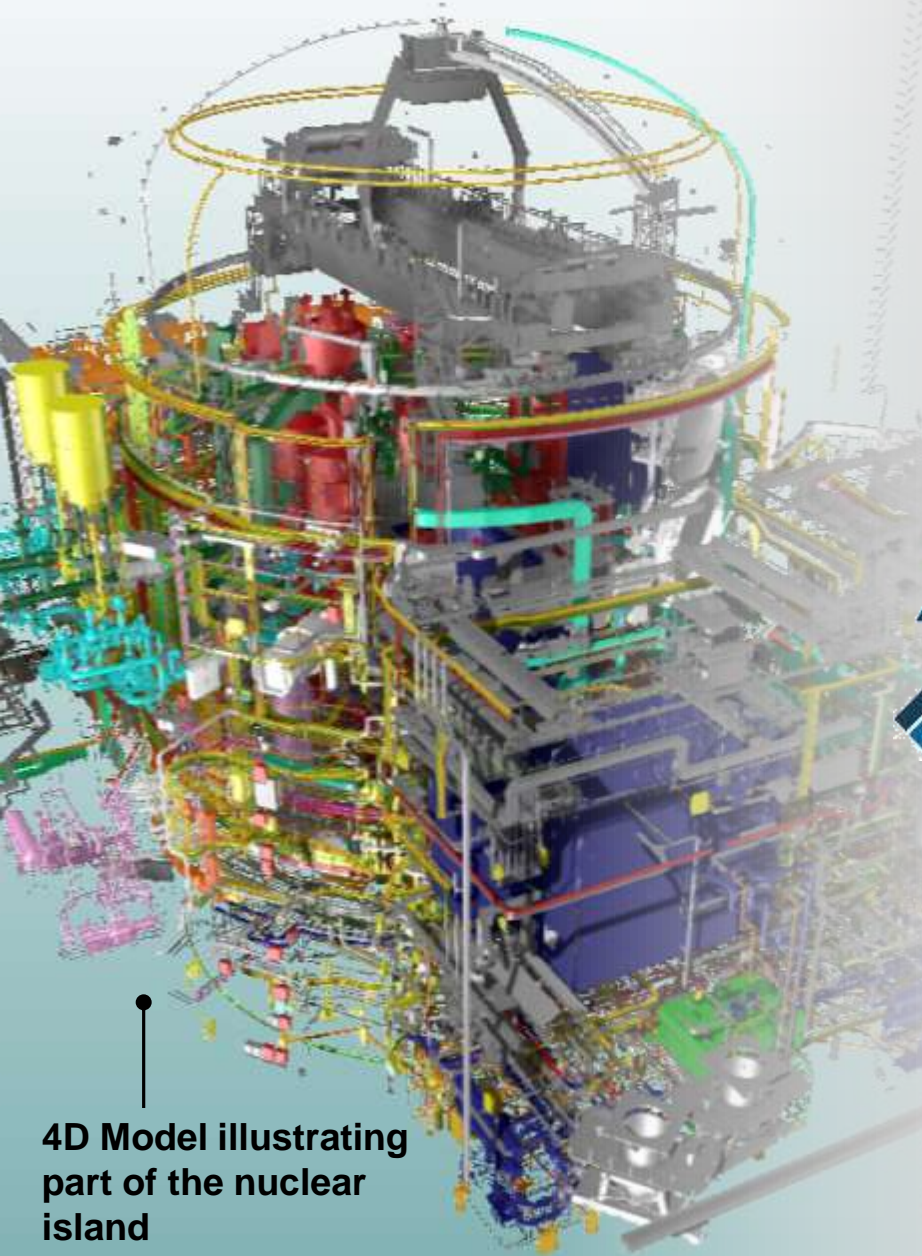
£200m annual
boost to regional
economy during core
construction

64%

of the
construction
cost will be
placed with UK
businesses



Scale of the Construction Site



4D Model illustrating part of the nuclear island



AREVA
forward-looking energy



cavendish
boccard
Nuclear

ACTAN



Balfour Beatty Bailey
WORKING TOGETHER FOR YOUR SUCCESS

bylor



KIER | BAM



3 Million

Tonnes of Concrete

5.6 MILLION

M³ of earth to be moved

4000 km

electrical cabling

UK businesses set to

secure **64%** of the

total construction spend

25,000

Employment Opportunities

Current Activity – In Pictures



- 1 Main Earthworks
- 2 Concrete Batching Plants and Aggregate Store
- 3 Concrete Process Trials
- 4 Construction of East Office
- 5 Jetty Construction Underway
- 6 Aggregate Store
- 7 Preparations for Bridgwater-A Campus have begun off-site





RESPONSIVE
ENGINEERING

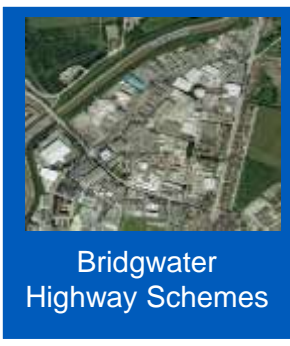




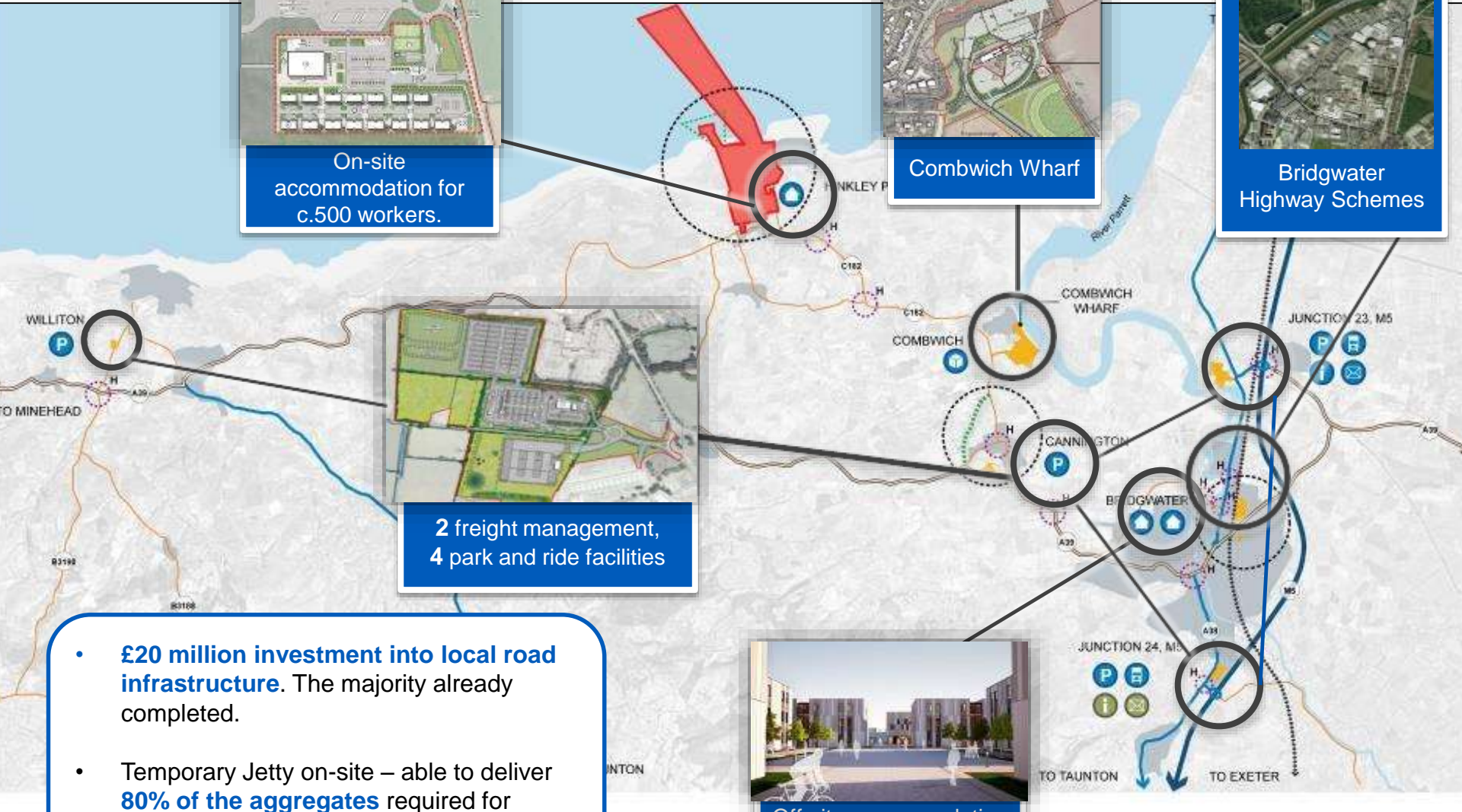




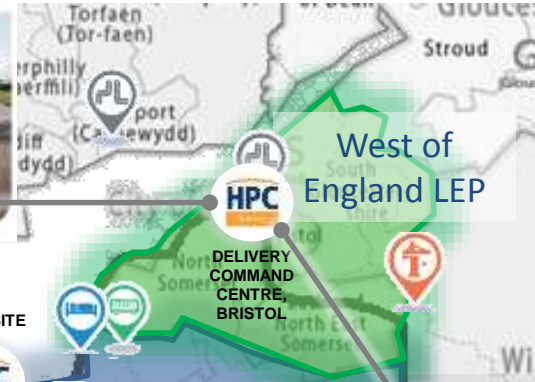
Hinkley Point C – Enabling Construction



- **£20 million investment into local road infrastructure.** The majority already completed.
- Temporary Jetty on-site – able to deliver **80% of the aggregates** required for construction



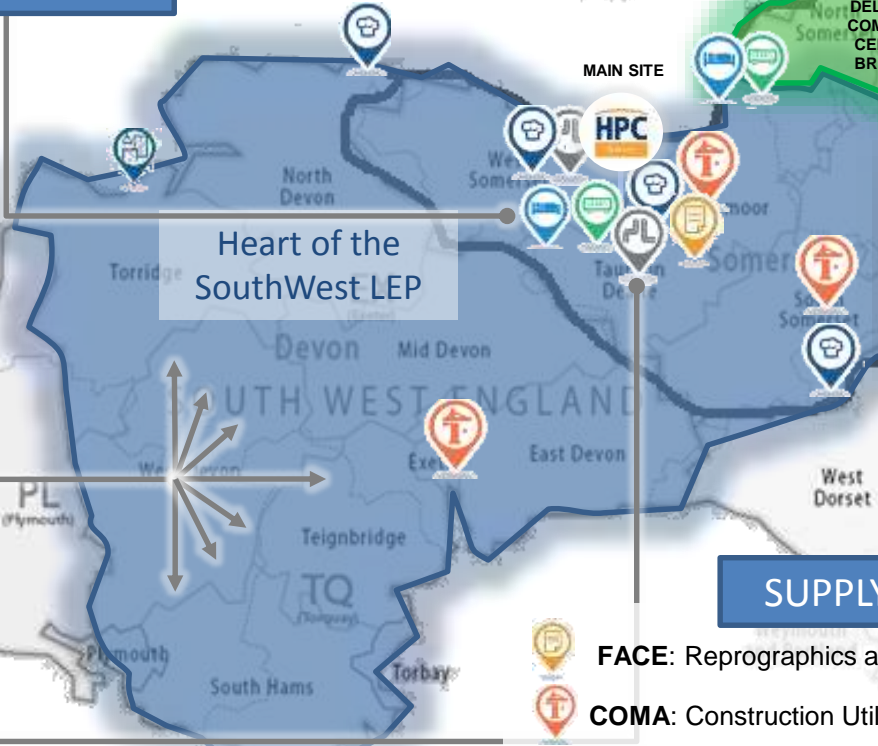
HPC – Providing Sustainable Benefit for the South West



SKILLS



EDUCATION



SUPPLY CHAIN

- FACE:** Reprographics and Design
- COMA:** Construction Utilities
- Somerset Larder:** Catering
- Somerset Passenger Solutions:** Bussing
- HOST:** Accommodation
- Somerset Infrastructure Alliance:** Site Infrastructure
- TCi:** Building Fit-Out

COMMUNITY INVESTMENT



A Pathway from Education, Through Training to Employment

Helping to close a national skills gap

HPC “Inspire” Programme

- Preparing the young people of Somerset to take advantage of HPC opportunities.
- Inspiring the next generation of scientists and engineers (STEM)
- **Over 105,000 student engagements** across Somerset
- Women Into Construction and Engineering initiatives

Skills Investment

- **£15 million investment** for schools and colleges in Somerset including;
 - Energy Skills Centre
 - Construction Skills and Innovation Centre
 - Hinkley Ready
- An aspiration to create **1000 new apprenticeships**
- Support to the **Hinkley Point Training Agency**

Sustainable Employment

- **25,000** employment opportunities.
- **Dedicated HPC Jobs Service**, placing local people into jobs.
- **Partnership** with JobCentre Plus.
- Focus on **in-work training** and up-skilling.
- Over **3,500 local people** registered on our talent pool.

EDUCATION



SKILLS



EMPLOYMENT



Investing in Our Community

Somerset Energy Innovation Centre



Construction Skills and Innovation Centre



Community Fund



Inspire Education Programme



- ✓ Energy Skills Centre
- ✓ Construction Skills and Innovation Centre
- ✓ The Hinkley Ready Project – WSCC
- ✓ Somerset Energy and Innovation Centre
 - ✓ £20 Million Community Fund
 - ✓ The Inspire Education Programme
 - ✓ Sports Pitches
- ✓ Supporting local business and supply chain

Hinkley Ready



Chilton Trinity swimming pool



Energy Skills Centre



Sports Pitches



Business



THANK YOU

