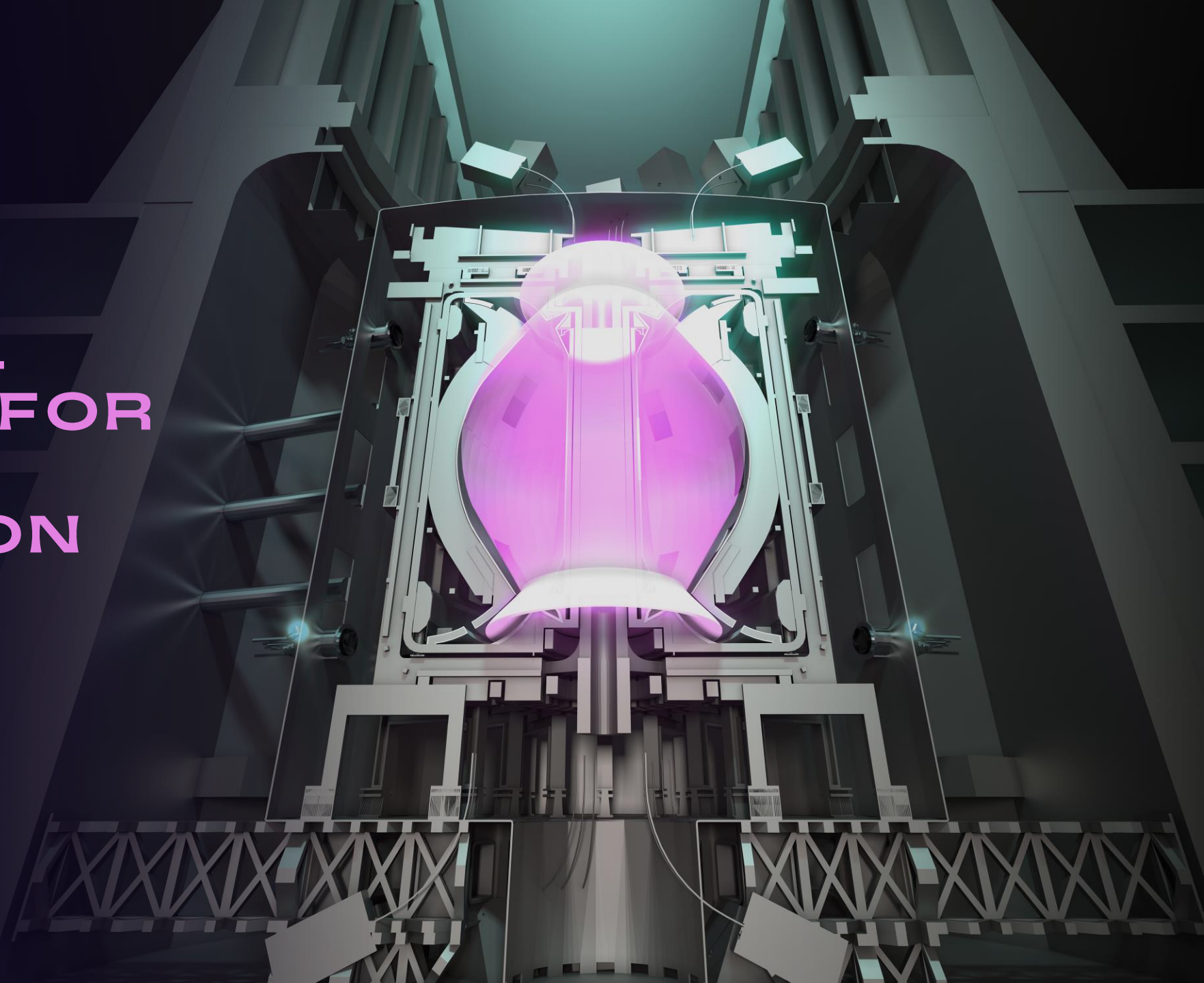


**SPHERICAL
TOKAMAK FOR
ENERGY
PRODUCTION**





**DELIVER A UK PROTOTYPE FUSION ENERGY PLANT,
TARGETING 2040, AND A PATH TO
COMMERCIAL VIABILITY OF FUSION.**

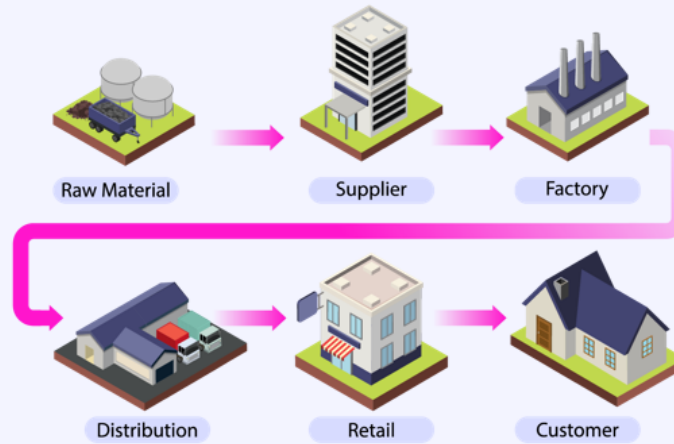
STEP MISSION

OBJECTIVES

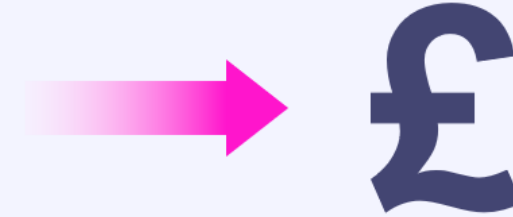


SOCIAL VALUE

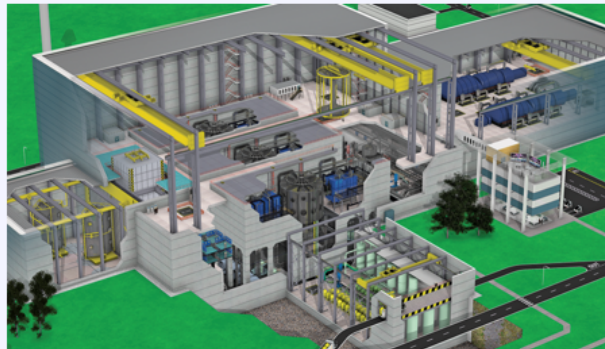
Skills, jobs, investment, regional infrastructure



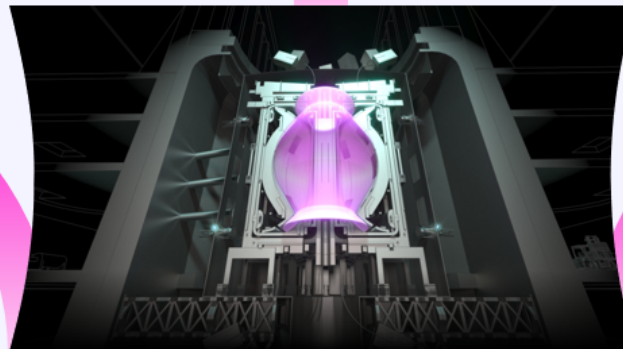
SUPPLY CHAIN DEVELOPMENT



UK ECONOMIC VALUE
Exports, contracts, spin-offs



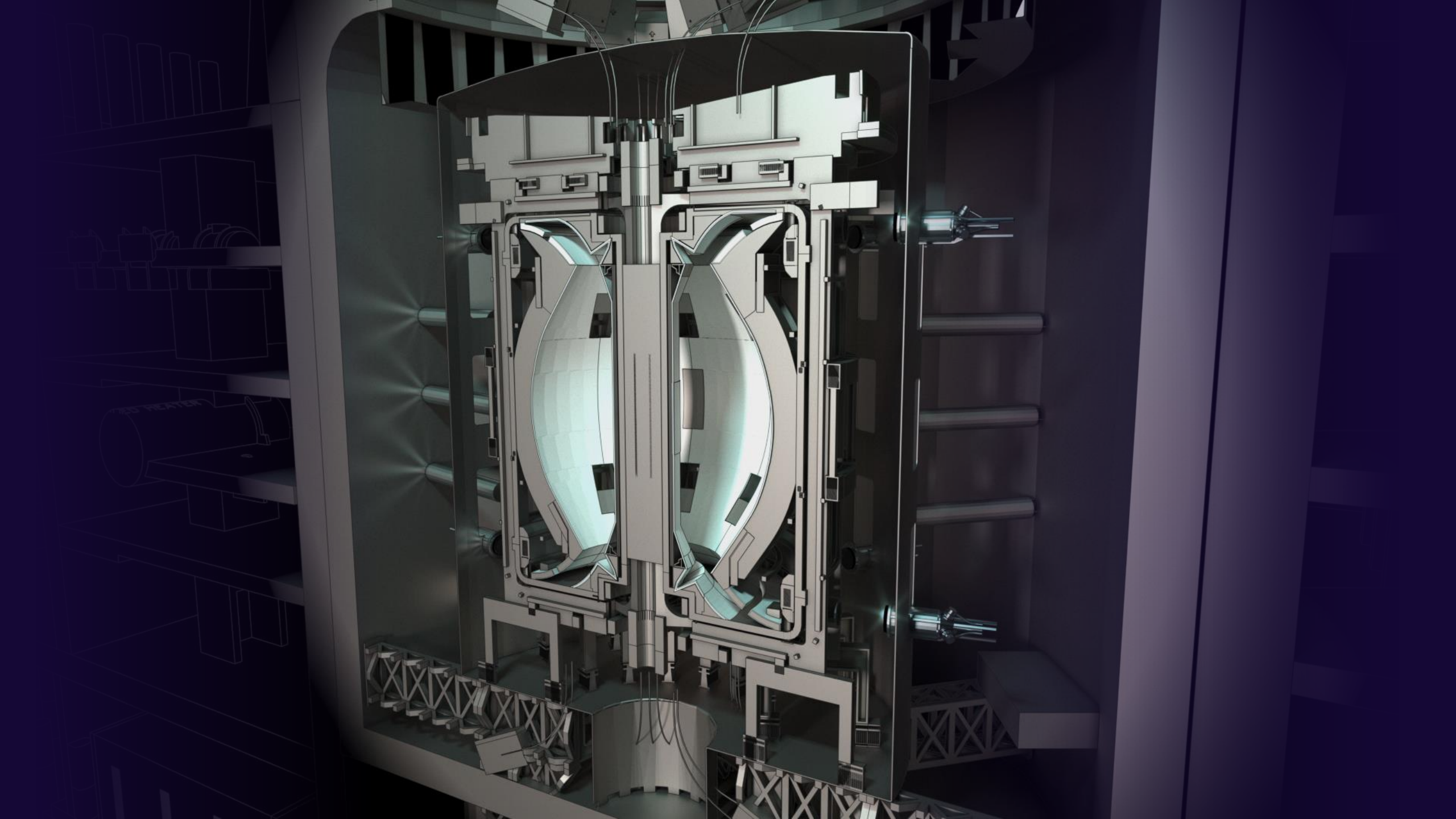
FUSION DEVELOPMENT FACILITY



POWER PLANT DEMONSTRATION

Activity Name	Start	Finish
VILLUMONT Headbook 1 Validation	14-03-2015	414-2015
V1100 Make to Proceed	14-03-2015	414-2015
V1101 Project Start	17-03-2015	414-2015
V1102 Project Management	17-03-2015	414-2015
V1103 Project Completion	17-03-2015	414-2015
V1104 Hand-Off	14-03-2015	414-2015
VILLUMONT Headbook 1 Mobilisation	17-03-2015	1-02-2016
V1105 Mobilise	17-03-2015	1-02-2016
VILLUMONT Headbook 2 Construction	1-02-2016	1-02-2016
V1106 Steel Erection	1-02-2016	1-02-2016
VILLUMONT Headbook 2.1 Below Grade	1-02-2016	1-02-2016
V1107 Grade Out	1-02-2016	1-02-2016
V1108 Set Foundations	1-02-2016	1-02-2016
V1109 Install Conduit	1-02-2016	1-02-2016
VILLUMONT Headbook 2.2 Above Grade	1-02-2016	1-02-2016
V1110 Dig Cable Trench	1-02-2016	1-02-2016
V1111 Erect Steel Structures	1-02-2016	1-02-2016
V1112 Install Equipment	1-02-2016	1-02-2016
V1113 Install Ductwork	1-02-2016	1-02-2016
V1114 Install Bus and Cables	1-02-2016	1-02-2016
V1115 Lay Conduit Cable	1-02-2016	1-02-2016
VILLUMONT Headbook 2.3 Power	1-02-2016	1-02-2016
V1116 Install Pumps	1-02-2016	1-02-2016
VILLUMONT Headbook 2.4 Site Protection	1-02-2016	1-02-2016
V1117 Remove Equipment	1-02-2016	1-02-2016
V1118 Lay Storage	1-02-2016	1-02-2016
V1119 Lay Paved Area	1-02-2016	1-02-2016
VILLUMONT Headbook 4 Project Closure	1-02-2016	414-2015
V1120 Finalised Location	1-02-2016	1-02-2016

INFORMATION BASELINE



TARGET OPERATING MODEL

Shareholder & Sponsor relationships

Secretary of State
DESNZ

DESNZ
Sponsor Department

UKAEA Group
Shareholder & Shared Services



Integrated Delivery Team (IDT)

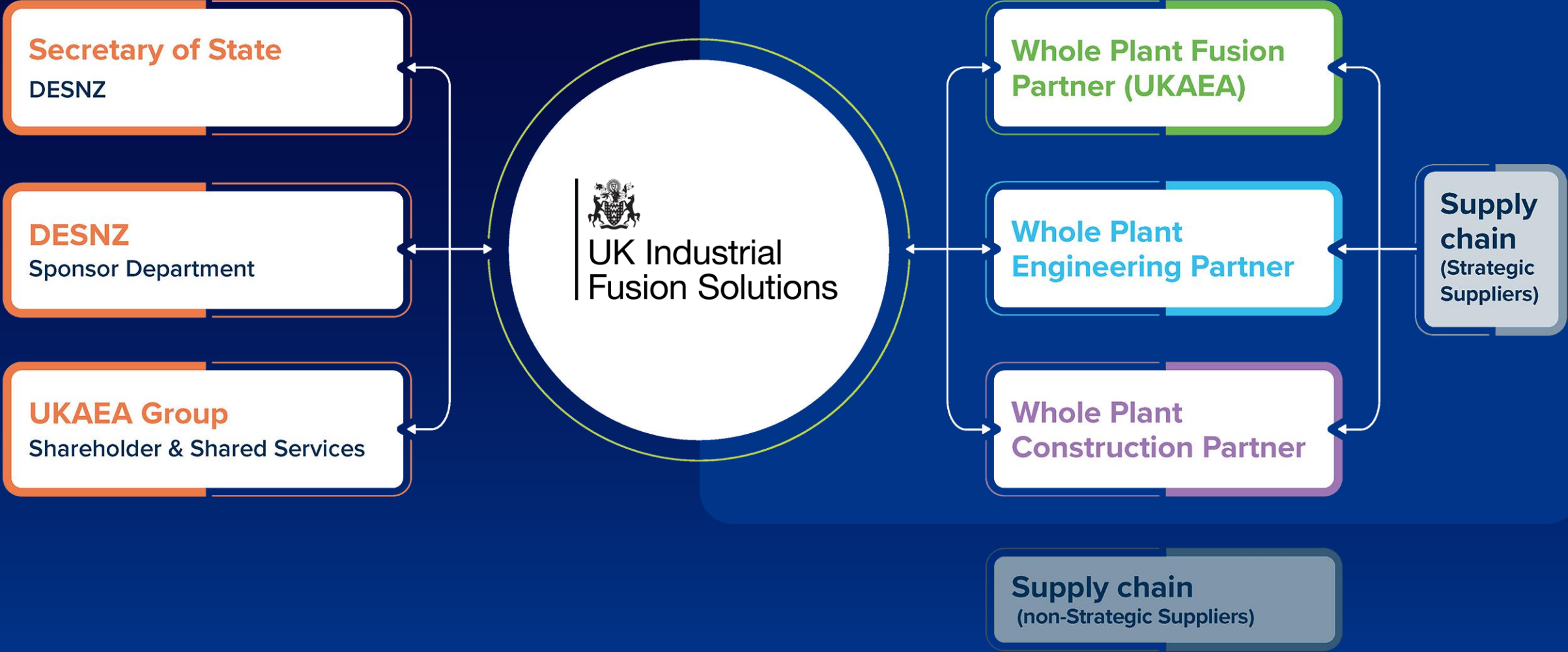
Whole Plant Fusion Partner (UKAEA)

Whole Plant Engineering Partner

Whole Plant Construction Partner

Supply chain
(Strategic Suppliers)

Supply chain
(non-Strategic Suppliers)



OUR STEP VALUES



We champion
SAFETY

We prioritise physical safety, making it fundamental in all our choices, fostering a culture of accountability and diligence with a safety-oriented approach.



We all
MATTER

We embody compassion, care for ourselves, colleagues, and those we engage with, embrace uniqueness, and promote inclusivity.



We act as
ONE

We foster a collective mindset through shared commitment, collaboration, and honest, transparent dealings, ensuring effective cooperation to achieve goals.



We embrace
CHANGE

We are adaptable and resilient, open to learning and evolving. We maintain balance in facing challenges, upholding well-being, unity, and efficiency.



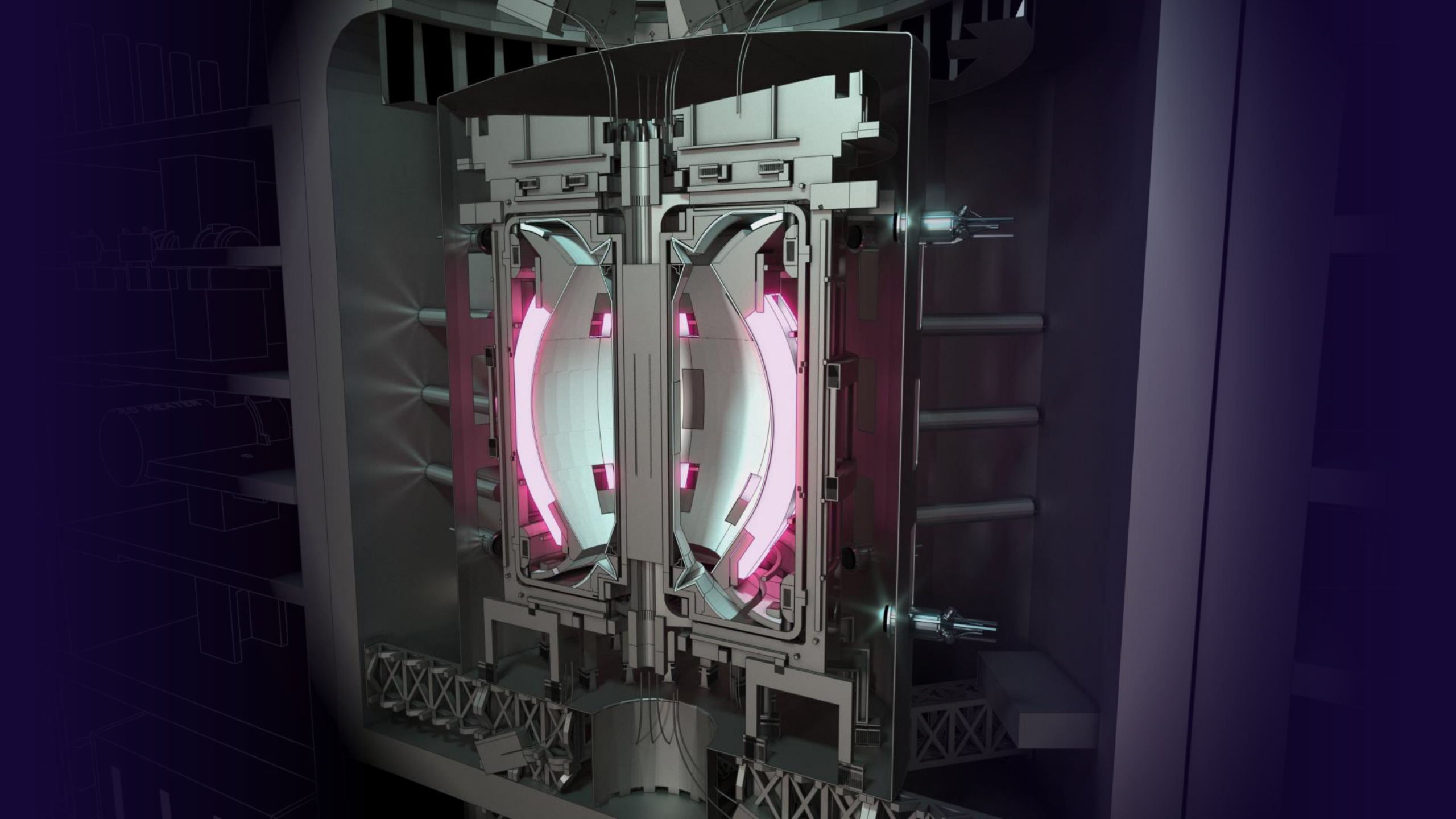
We are
PIONEERING

We are bold in our thinking, embrace innovation, and act with courage. We challenge norms, explore the unconventional, and strive for solutions.



We
DELIVER

As we evolve, we maintain a delivery mindset, staying focused and aligned with programme goals. We ensure optimal and timely delivery through efficient operations.





River Trent

Notts site is chosen for 'game-changing' nuclear fusion plant



MULTI-BILLION-POUND PROJECT HAS POTENTIAL TO GENERATE 10,000 JOBS AND NEAR-LIMITLESS CLEAN ENERGY

West Burton
A power station
near Retford

By JOEL MOORE
joel.moore@notts.gov.uk
@JoelMoore99

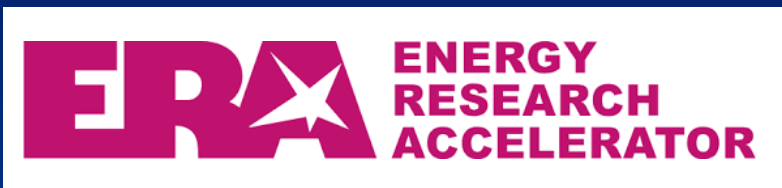
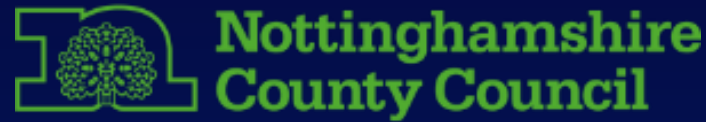
A NOTTINGHAMSHIRE power station has won the race to become the UK's first nuclear fusion site. Business Secretary Jacob Rees-Mogg announced yesterday that the West Burton A former coal-fired station, near Retford, had been chosen as the site for the multi-billion-pound project.

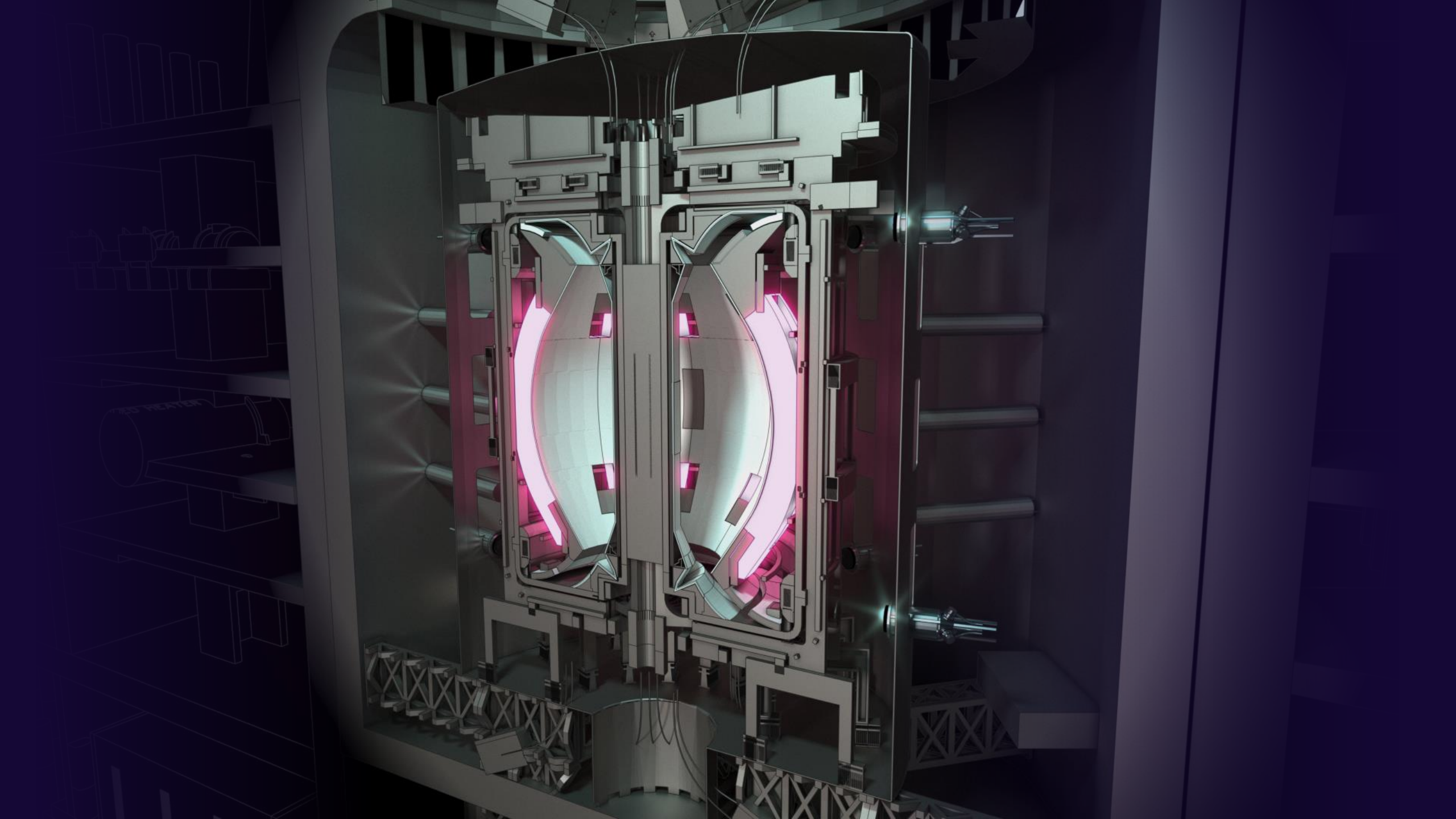
Its selection has been hailed as "game-changing" by Nottinghamshire County Council leader Ben Bradby, who said the project would give the county the opportunity to lead the world. The project is expected to generate around 10,000 jobs. The reactor, known as the Spherical Tokamak for Energy Production (STEP), would not be operational until around 2040, with construction work on the prototype expected to start in the early 2030s. Nuclear fusion, which is currently only carried out in experiments, is a potential source of near limitless clean energy.

Continued on page 2



COLLABORATION PARTNERS



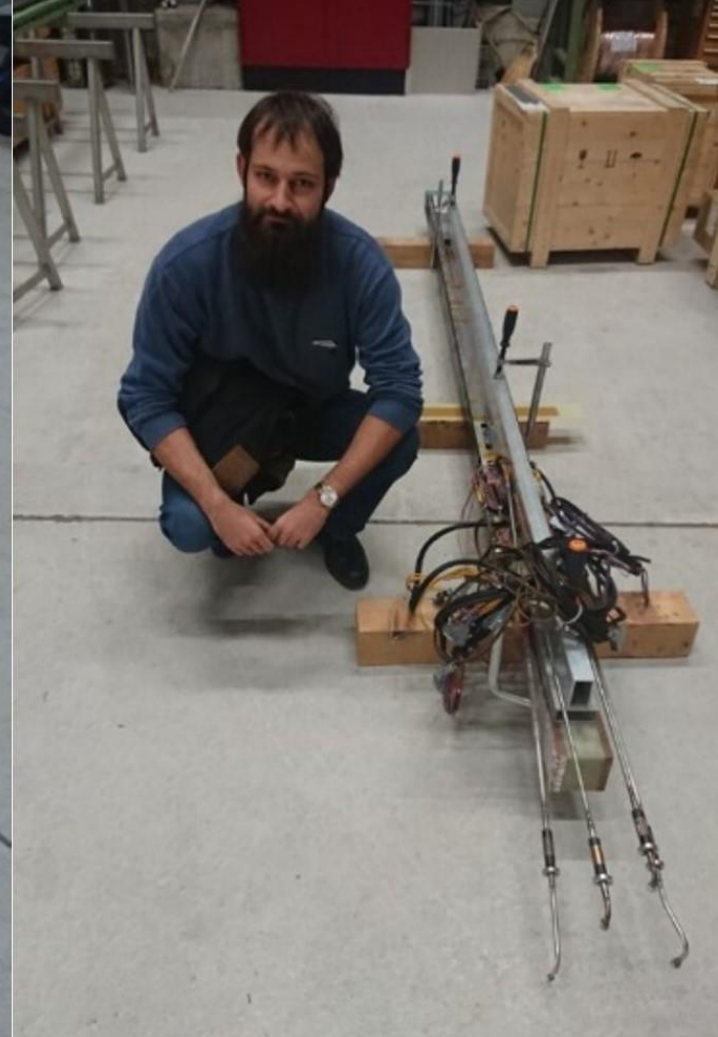
















**THE BOLDEST ENDEAVOURS
START WITH A PRACTICAL STEP**

