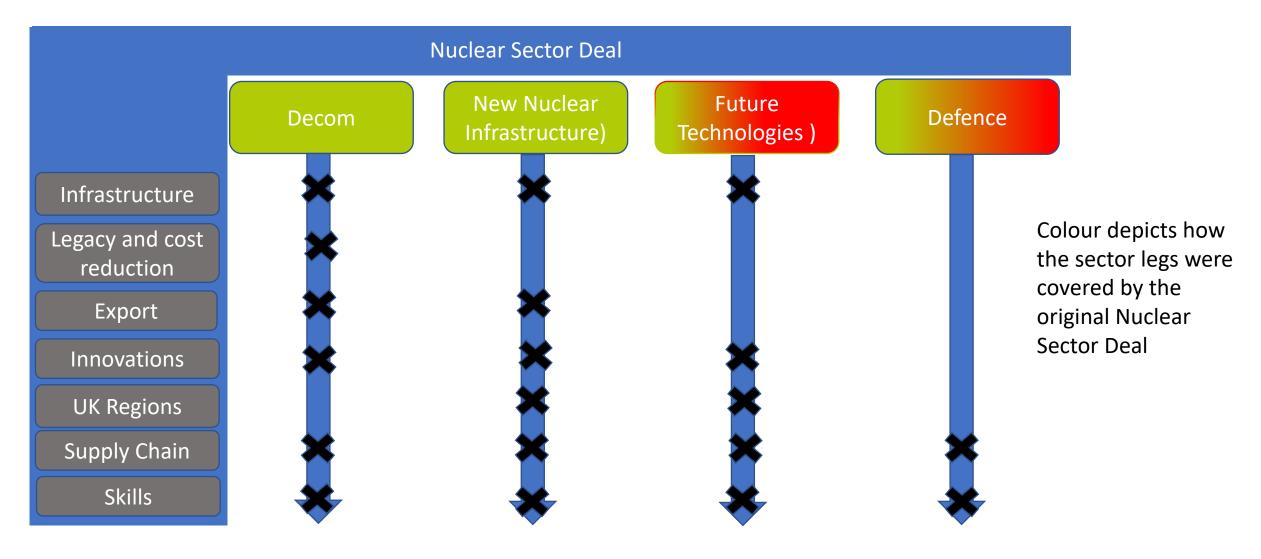




Nuclear Industry Council





# Changing Nuclear Landscape

March 2020

COVID-19 pandemic

Significant global social

and economic disruption.

to date





#### November 2020

#### Green Jobs Taskforce

Launched to set the direction for the job market as we transition to a high-skill, low carbon economy.

Ten Point Plan for a Green Industrial Revolution Sets out the approach government will take to build back better, support green jobs, and accelerate our path to net zero.



#### December 2020

Energy White Paper: Powering our net zero future Setting out how the UK will clean up its energy system and reach net zero emissions by 2050.

End of the transition period.



Net Zero Strategy: Build Back Greener Sets out the Government approach to Net Zero, laving out decarbonisation pathways, policies and proposals to reduce emissions, and cross cutting action to support the transition.

RAB Financing Bill introduced in House of Commons New financing model willsave more

than £30 billion on each new large-scale nuclear station.

#### COP26 Summit

In Glasgow, brought parties together to accelerate action towards the goals of the Paris Agreement and the UN Framework Convention on Climate Change.



#### September 2021

**UK Fusion Materials Roadmap** Outlining the path of fusion between 2021-2040; includes down selecting a January 2022 site for the first fusion powerplant and the direction of travel for the UK to enable a prototype by 2040.

### Nuclear Waste

2022.

Hunterston B closed After 46 years of power generation.

December 2021

Government Roadmap for

nuclear in the UK, outlining key

targets and milestones. To be

published at the end of March

Civil Nuclear requested

For the future delivery of

#### Nuclear Waste Services

#### Launched

Bringing together into one organisation the long-established expertise of site operator Low Level Waste Repository Limited, Geological Disposal Facility (GDF) developer Radioactive Waste Management Limited and the Nuclear Decommissioning Authority (NDA) group's Integrated Waste Management Programme.



#### February 2022

Completion of GDA process for HPR1000 The issue of a Design Acceptance Confirmation

(DAC) from Office for Nuclear Regulation (ONR) and a Statement of Design Acceptability (SoDA) from the Environment Agency.

#### Russia invades Ukraine

A Major escalation of the ongoing Russo-Ukrainian conflict, which began in 2014. Large sanctions put on Russia from numerous countries and consideration of energy security required across europe - energy cost increases. An update to the Energy Security Stratergy is required following this. and is expect at the end of March/ April







#### Supercharging nuclear: Closing

the policy gap

APPG on Nucleaar Energy sets out five steps to make nuclear happen, ensure energy security and hit net

No.10 Roadmap Meeting The Prime Minister hosted a roundtable with leaders from the nuclear industry to discuss how to improve domestic energy security and rapidly accelerate nuclear projects in the UK. Rolls Royce SMR begins GDA

A significant step in securing consent for the SMR design to operate in the UK from regulators.

#### lune 2018

Nuclear Sector Deal published Establishing a joint commitment to maximise industrial benefits of the UK nuclear sector, while providing proven affordable, and reliable, low-carbon energy.



#### December 2019

February 2020

Trident replacement

MoD announce the start

of a new nuclear warhead

replacement programme.

General Election Tory party wins with a majority of 80 seats.



Magnox Magnox



#### September 2019

Magnox return to NDA Magnox Ltd becomes a wholly owned subsidiary of the NDA.



#### lune 2019

Net Zero emissions legislation New target will require the UK to bring all greenhouse gas emissions to net zero by 2050.

#### Milestone for Hinkley Point C

Hinkley Point C hit its biggest milestone on schedule by completing the base for the first reactor, known as J-zero.



#### lune 2020

Forty by '50: The Nuclear Roadmap Compiled by the Nuclear Industry Association and Nuclear Industry Council, the report sets out potential contributions nuclear can make to new national priorities, and the steps required to deliver them.

Hinkley Point C hits 2nd target Hinkley Point C hits another major milestone, completing the base for the Unit 2 reactor.

### LLW Repository Ltd

#### July 2021

LLWR becomes an NDA subsidiaries As part of One NDA LLW Repository Ltd (LLW) will be a wholly owned subsidiary of the NDA.



#### March 2021 DSRL becomes an NDA subsidiaries

As part of One NDA Dounreay Site Restoration Ltd (DSRL) will be a wholly owned subsidiary of the NDA.





#### One NDA published

Bringing together expertise and experience to find more effective and efficient ways of providing nuclear clean-up and decommissioning.



# Where we are now

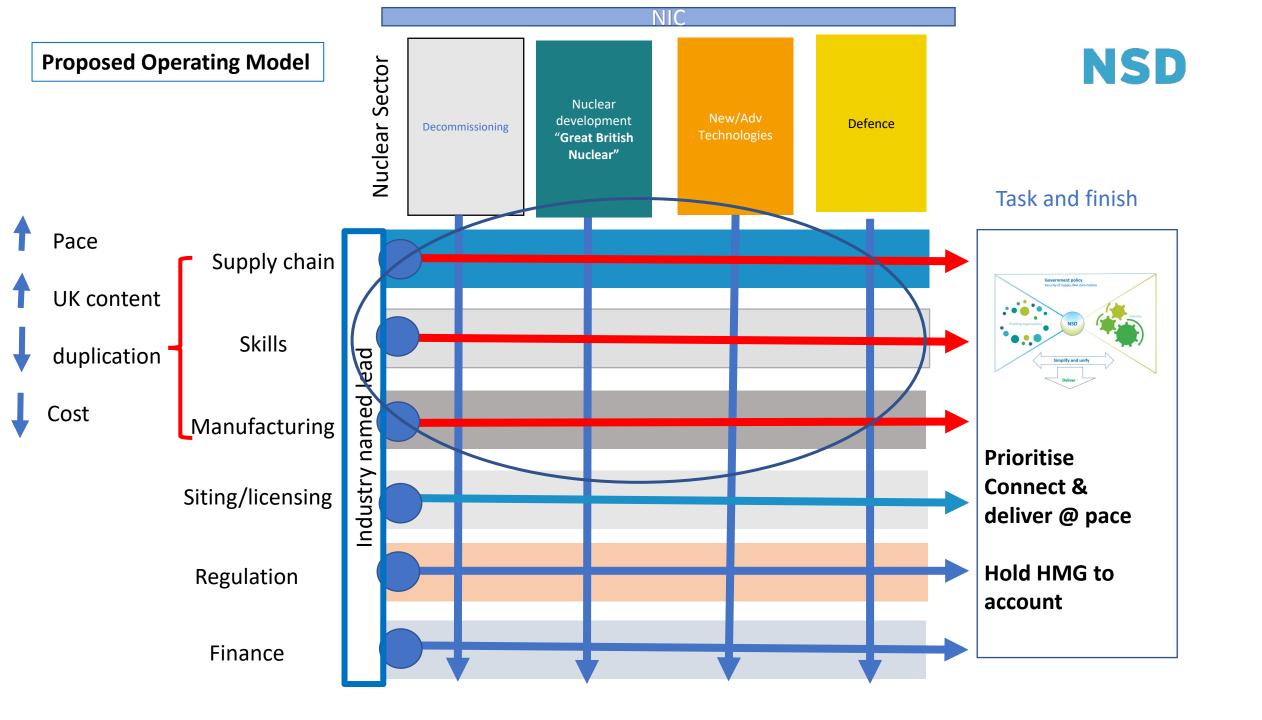


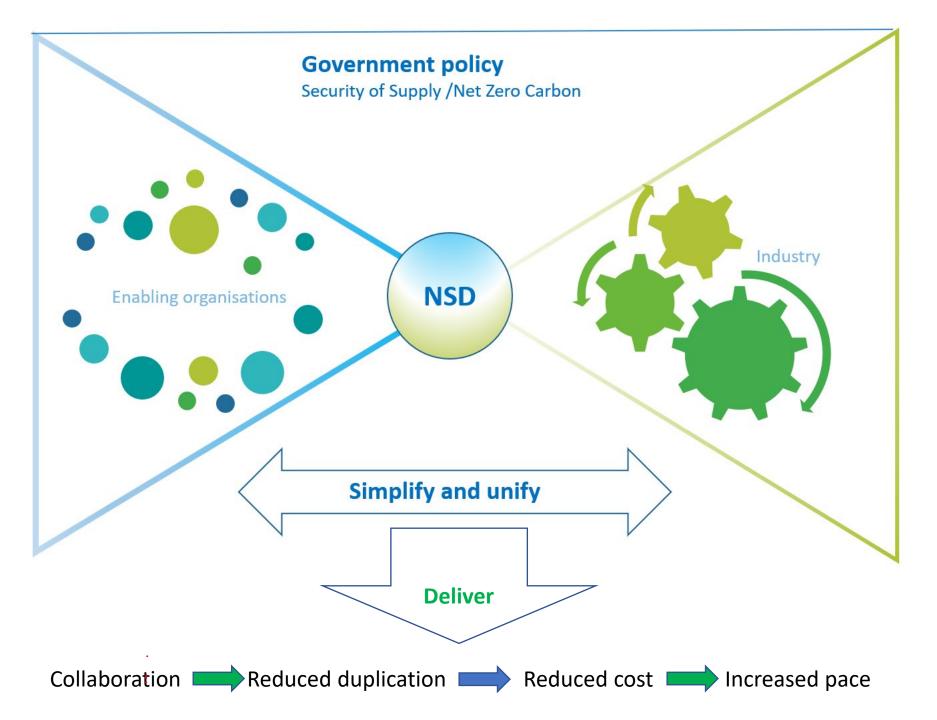
In response to the UK Government's energy strategy and its ambition for a Great Britain Nuclear delivery organisation, we are looking to understand where and how to reposition the NSD team.

This presentation sets out an evolution of the nuclear Sector Deal building on the good work that has been done

We propose a focused, agile team and operation that will deliver at pace on areas of common challenge and that are critical to the sector.

In this context we also recommend we move from **Nuclear Sector deal** to **Nuclear sector Delivery team** 





### **NSD**

- Task and Finish
  Groups formed
  for interventions
  that are common
  across more than
  one sector leg
- Interventions are supported by enabling organisations, (industry and Government), simplifying and unifying the approach to delivery.

# Working with the NIC

#### How we work

- Nuclear Sector Delivery (NSD) reports on workstreams that are common to all the sector legs (e.g. Skills, Supply chain)
- The delivery team will set up key interface leads for each sector leg made up of an Industry Lead and Government lead
- We are accountable to NIC and partner Government and industry
- The delivery team model is a small team with strong networks

#### Intervention Identification

- The delivery team will understand and gather intelligence on each of the sector legs against the workstream topic areas
- in terms of:
  - Key challenges- programme/timings
  - Key targets
  - Spend and funding criticalities
  - Strategic approach
  - Pinch points
  - Lessons learned/best practice form other sectors
  - Funding streams



## Next steps

- Model approval and set up
- NIC role and ambition confirmed
- Sector engagement Through working groups
- Hold NIC June 2022

