Nuclear Sector Deal
Refresh Information Pack

12th March 2021
Version 1.0
The objective of this information pack is to guide you through the process we are using to refresh the Nuclear Sector Deal (NSD).

Building on the NSD, there are four key phases that will take us on a journey to capture the new ideas, analyse, validate and turn them into a new and refreshed document.

If you have any questions or clarifications that are required please email us on: NSD@niauk.org
Content

• What's changed?
• Objective of NSD Refresh
• Nuclear Sector Vision to 2050 – points for consideration
• The Plan – NSD Refresh Timeline
• Phase 1 – Data Collection
• Phase 2 – Data Analysis
• Phase 3 – Deep Dive Workshops and Themes
• Phase 4 – Author and Approve Publication
• Appendix 1 – Data Collection Templates
• Appendix 2 - Useful Links - NSD Publication Links
What’s changed?

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

March 2020 to date
COVID-19 pandemic
Significant global social and economic disruption.

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.

BREXIT
End of the transition period.

June 2019
Net Zero emissions legislation
New target will require the UK to bring all greenhouse gas emissions to net zero by 2050.

June 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.

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.
Objective of Refresh

Objective:

• To take into account the landscape changes that have taken place since NSD publication (June 2018).

• To build on the NSD work to date and reflect on the lessons learnt and potential improvements.

• To identify new areas of focus that will enable the nuclear sector to “Build Back Better” delivering Net Zero and social-economic benefit.
Nuclear Sector Vision to 2050 – Some points for consideration

- Net Zero
- Green Jobs/Skills
- Forty by ‘50: The Nuclear Roadmap
- Nuclear liability
- UK Regions
- Deliver technology e.g.:
  - UK SMR
  - Advanced Nuclear Technologies
  - Fusion STEP
  - Hydrogen production and storage
- Nuclear defence programme
- Medical

- Digital
- Exports
- Sustainability
- Cross sector ambition
- Energy Systems and integration
- Infrastructure requirements
- Public perception of nuclear
- Improvement areas from the current NSD
- Diversity, Inclusion and Equality
- Nuclear Culture
- Nuclear Sector Governance
The Plan - NSD Refresh Timeline

- Timeline driven by:
  - Preparation for COP26 – UK commitment to Net Zero through Nuclear
  - The third anniversary of the NSD

- Four phases to the refresh plan:
  - Phase 1 – Data collection
  - Phase 2 – Analysis of data for theme identification
  - Phase 3 – Deep dive workshops into themes
  - Phase 4 – Author and Approve Publication
Phase 1 – Data Collection

- **Objective**: To collate data and ideas to feed into the refresh.
- **By Who**: Input from stakeholders – nuclear and other sectors
- **By When**: 26th March 2021
- **How**: Capture ideas by filling in the attached template (see appendix 1)
- **Description**: This phase will collect initial ideas/content from stakeholders which will feed into Phase 2 and help form and set the ambition of the nuclear sector.
- **Example of ideas (see attached template)**:
  - Improvements to the current NSD
  - New ideas that could deliver benefits
Phase 2 – Data Analysis

**Objective:** To review and consolidate the ideas captured at phase one and group into themes.

**By Who:** The NSD PMO and Working Groups.

**By When:** Planned completion by 9th April.

**How:** All the ideas submitted in phase 1 will be reviewed, assessed and filtered against the objective. The successful submissions will then be collated and grouped into themes that can be debated and discussed at the subsequent Deep Dive Workshops.

**Description:** This phase will analyse and collate the ideas submitted and group into themes for phase 3.
Phase 3 – Deep Dive Workshops and Themes

- **Objective:** To complete a detailed review of the ideas that make up the themes and develop a proposal to feed into the refresh document.

- **By Who:** The NSD PMO and Working Groups with key stakeholders.

- **By When:** All workshops are planned to be completed by 30th April.

- **How:** A number of workshops will be delivered to review the themes and ideas to finalise the inputs to the refreshed document. The workshops will be led by the PMO, NG NIC and/or Working Groups.

- **Description:** Review the themes and key ideas in deep dive workshops and take forward into the refreshed document. Once these workshops have been completed, this information/proposal will be used in Phase 4 to create the new document.
Phase 4 – Author and Approve Publication

- **Objective:** To produce a publication and manage the approvals through the relevant governance process.
- **By Who:** The NSD PMO, NG NIC and Working Groups with support from BEIS and NIA will develop the document and manage the approvals process.
- **By When:** Publication planned 30\textsuperscript{th} June 2021.
- **How:** The NSD PMO, NG NIC, Working Groups, NIA and BEIS will collaborate to author and approve the publication.
- **Description:** To take the proposals from the deep dive workshops and author them into an approved publication. To manage the approvals process to release the publication.
Appendix 1
Phase 1 – Data/ideas Collection template

• Data collection **template with examples**

![Data collection template with examples](image)

These documents are attachment in accompanying email

• Data collection **blank template**

![Data collection blank template](image)

Ask of Government
What would you like from Government to support your idea?

Ask of Industry
What would you like from Industry to support your idea?

Associated dependencies, risks and/or issues
Note or tap here to enter text.
Appendix 2
Useful Links - NSD Publication Links


NSD video:  https://vimeo.com/458472838/eb844bde89

2nd Anniversary NSD webinar:  https://vimeo.com/458624249/fcc2bed46

2nd Anniversary NSD publication:  https://www.niauk.org/industry-issues/nuclear-sector-deal/

NSD 2020 Seasonal message:  https://vimeo.com/490877896


New Build Cost Reduction Webinar:  https://vimeo.com/502976882/39ab9e060f
Contacts

Tower House, 10 Southampton Street
London WC2E 7HA

NIAUK ORG
020 7766 6640
INFO@NIAUK.ORG

Tower House, 10 Southampton Street London WC2E 7HA
nuclearsd.co.uk/
N/A
NSD@niauk.org