

25 January 2022**Agenda Item: 6****REPORT OF SERVICE DIRECTOR, INVESTMENT & GROWTH****STEP PROJECT – LOW CARBON ENERGY FROM FUSION - PRESENTATION****Purpose of the Report**

1. To give members a better understanding of the Government led programme to design and construct a prototype fusion power plant which would provide low carbon energy for future generations.

Information

2. The presentation explains the key stages of the STEP (Spherical Tokamak for Energy Production) project undertaken to date, sets out what fusion power is, how it would be operated and the wider benefits of this type of technology for future low carbon energy production.
3. The presentation also identifies the wider strategic benefits / economic opportunities of locating the STEP project in Nottinghamshire and the future stage and timetable of the project.
4. This report has been compiled after consideration of implications in respect of crime and disorder, data protection and information governance finance, human resources, human rights, the NHS Constitution (public health services), the public sector equality duty, safeguarding of children and adults at risk, service users, smarter working, sustainability and the environment and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

RECOMMENDATION/S

That the contents of the presentation be noted

Matthew Neal, Service Director, Investment and Growth

**For any enquiries about this report please contact:
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Background Papers and Published Documents

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

- None

Electoral Division(s) and Member(s) Affected

- All