



Western Gateway Porth y Gorllewin



Berkeley and Oldbury Joint Site Stakeholder Group

Recap of the Opportunity

Timelines

Next Steps

Q & As



The STEP opportunity

- Overarching Goals of UK Fusion Strategy:
 - Prototype fusion plant producing electricity by 2040
 - Build a world-leading fusion industry : Export fusion technology
- STEP (Spherical Tokamak for Energy Production) Programme
- Initial £222M from Govt, establish technical centre, pre-cursor to building fusion energy plant – A home for STEP
- Our Vision: Severn region to be at the forefront of low-carbon fusion energy technology. Oldbury and Berkeley uniquely placed to be trailblazers once again, building on our nuclear, advanced engineering and digital heritage



UK Atomic
Energy
Authority



Severn Edge STEP - Ready To Go

- Community Support
- Real Need and Impact
- Great Industrial Base
- Strong Science Base
- Committed Political Leadership
- Skills Today, Workforce of Tomorrow



STEP Timelines 2021-2022

31 March 2021: Site nomination deadline
SEVERN EDGE NOMINATION SUBMITTED

Winter 21 - Spring 22:
Completion of Technical and Commercial Assessments

May 2021: UKAEA 'showstopper' assessment of nominated sites
SEVERN EDGE THROUGH TO NEXT ROUND

Spring 22 – Autumn 22:
Final Report from UKAEA
BEIS Evaluation

June 2021 – October 2021: UKAEA detailed assessment of nominations
SEVERN EDGE THROUGH TO LAST 5 NOMINATIONS

Winter 2022
Ministerial Decision on home for STEP



Hot off the Press

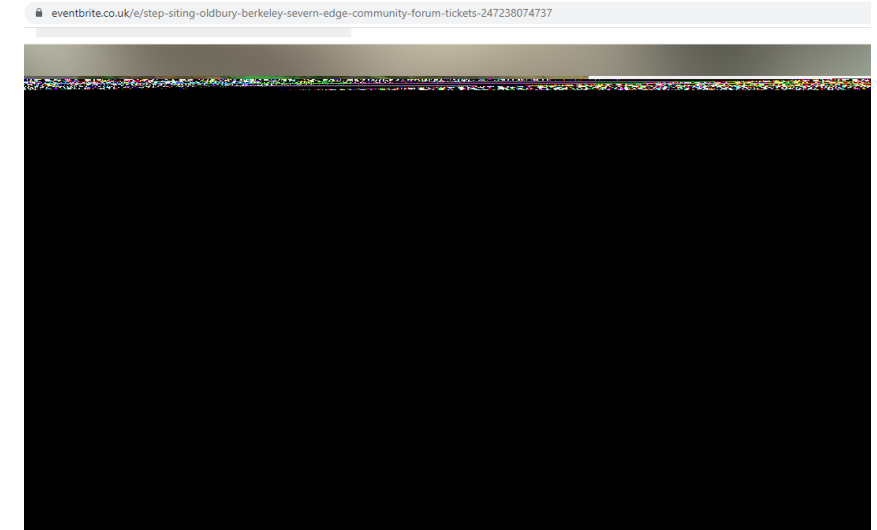
- Ratcliffe-on-Soar nomination has withdrawn – replaced by West Burton, also in Nottinghamshire
- The 5 shortlisted nominations are:
 - Severn Edge
 - Goole – East Riding of Yorkshire
 - Moorside – Cumbria
 - Ardeer – North Ayrshire
 - West Burton – Nottinghamshire
- No change to Severn Edge or UKAEA timescales

Next Steps

- Completion of Technical and Commercial Assessments
 - Visit by UKAEA Senior Management Team
- Continued Local Engagement
 - Oldbury-On-Severn drop-in session
Friday 4 February 16:00-19:00
The Memorial Hall, Oldbury-On-Severn, BS35 1PR
 - Berkeley Drop-In Session
Monday 7 February 17:00-20:00
Berkeley Town Hall, Berkeley, GL13 9DB
 - Thornbury Drop-In Session
Wednesday 9 February 15:00-19:00
Turnberries, Thornbury, BS35 2BB

Next Steps

- UKAEA Local Engagement
 - UKAEA Public Engagement Webinar
Thursday 10 February 18:00-20:00
Register via Eventbrite: See link opposite
 - UKAEA Stakeholder Engagement Webinar
Friday 11 February 11:00-12:30
Invites to Chairs and Dept Chairs to follow
- Severn Edge Webpage live early February
 - A place to register support for Severn Edge
 - Opportunity to comment / show support
 - Details to follow



<https://www.eventbrite.co.uk/e/step-siting-oldbury-Berkeley-severn-edge-community-forum-tickets-247238074737>

In Summary

- Continue to make the compelling case for Severn Edge, as the home for STEP
Technically Commercially Economically Spiritually
- Demonstrating to UKAEA and BEIS the depth and breadth of support for
Severn Edge STEP: Your voice important
Communities Industry Business Academia Politically
- Continue to engage, listen and learn

Question and Answer Session

More information on STEP

<https://ccfe.ukaea.uk/fusion-energy/fusion-in-brief/>

source https://step.ukaea.uk/wp-content/uploads/2020/12/STEP_Background-Document.pdf)

<https://www.youtube.com/watch?v=KHBUuKfCOyU>

<https://step.ukaea.uk/host-step-in-your-community/>