



# STEP Spherical Tokamak for Energy Production

13 July 2023

Whole Plant Partners, Webinar 6

The delivery model discussed is subject to approval.

UKAEA reserves the right to:

- Postpone or cancel the planned procurement activity at any stage and at any time.
- Amend, clarify, add to or withdraw all or any part of this document at any time.

# Focused Session on KPIs and Objectives

**Mark Hames – STEP Commercial Lead**

**Sarah Palmer – Head of STEP Strategic Supplier Relationships**

# Strategic Intent

Successful delivery to programme

All parties to the collaboration agreement will have the opportunity to contribute and jointly develop the STEP programme performance scorecard throughout the dialogue stage of the Whole Plant Partner procurements

All parties to the collaboration agreement will review the whole programme baseline and KPI's on an annual basis.

# KPI Themes – Programme Level

The intent of the KPI's is to drive enhanced confidence across the delivery of the programme

Maturity of plant design

Confidence in predicted  
design performance

Overall schedule duration

Confidence in schedule  
duration estimate

Overall programme cost

Confidence in cost estimate

Delivery to the jointly  
agreed Integrated Master  
Schedule

Development of a fusion  
supply chain, including  
growing fusion skills  
capability

Delivery of UK economic  
value

Delivery of Social Value

# KPI's at a Work Package Level

KPI's will be available for inclusion at a work package level

Deliver the outcome of the  
work package

Example:

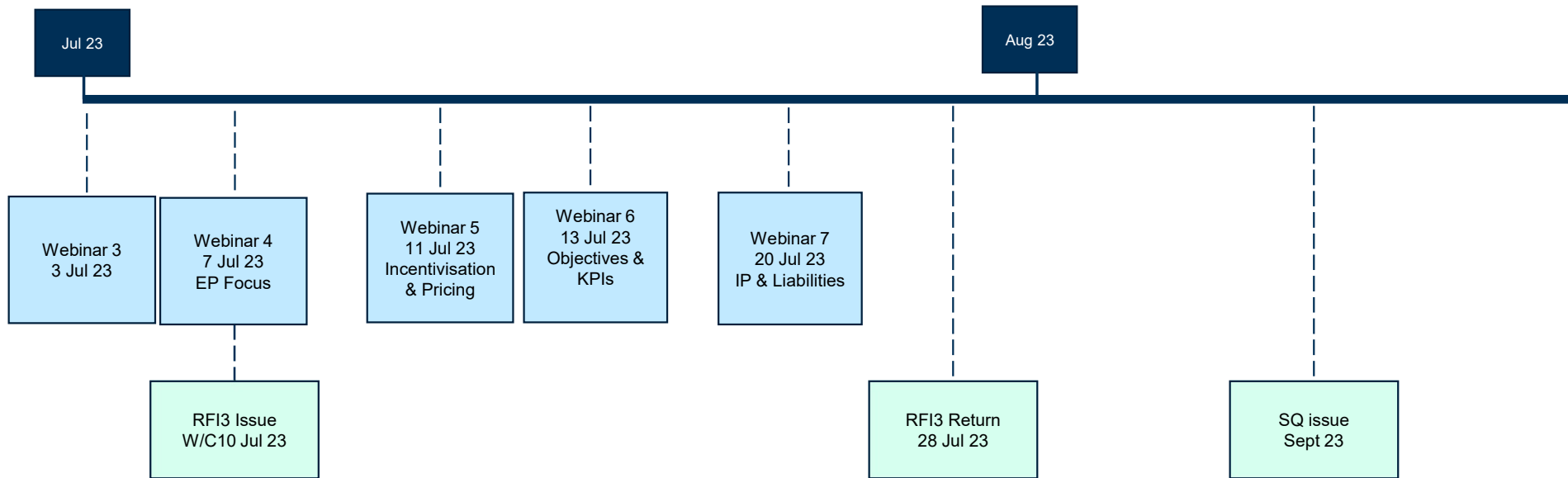
Utilise innovation from the  
supply chain in the delivery of  
the work package outcome to  
improve confidence in the  
programme schedule / cost

Suitable KPI's will be agreed  
by the Integrated Delivery  
Team / Integrated Project  
Team

# What's planned next? Mark



# STEP Pre-Market Engagement



- **RFI2 responses** - Thank you! We are continuing to use the information and suggestions.
- **RFI3 to be issued W/C 10 Jul 23** - This will cover further information on programme governance, PMO capabilities, IP, acceptable tendering models, future investment, commitments to fusion and proposed Selection Questionnaire technical questions

**Slide 9**

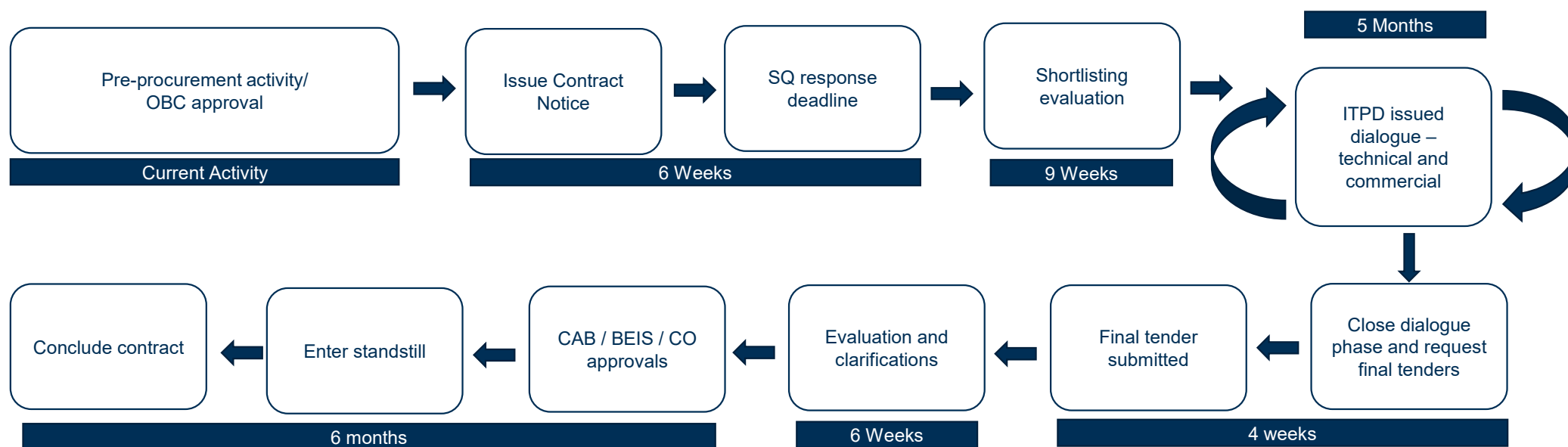
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**TC0** Should read w/c 3rd Jul, not w/c 7th ?- Have updated  
Tierney, Chris, 2023-07-03T06:53:39.105

# Procurement Process Update

Following your engagement, we have been continuing to refine the procurement process to be as compliant and efficient as possible for all parties.

Based on our current planning, we expect to commence the procurement with the issue of the Contract Notice and Selection Questionnaire (SQ) in September 2023.



## Slide 10

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**PS0**      [@Hames, Mark] can we just check with Lewis that this slide aligns with the latest plan? I guess this slide came from a previous pack?

Palmer, Sarah, 2023-06-30T09:21:14.888

**HMO 0**    [@Palmer, Sarah], I updated the previous from the latest plan

Hames, Mark, 2023-06-30T10:10:16.790

**PS0 1**    [@Hames, Mark] great, thank you

Palmer, Sarah, 2023-06-30T10:25:14.690

# Thank you.

**Any questions – [procurement@step.ukaea.uk](mailto:procurement@step.ukaea.uk)**

**If you'd like to find out more about fusion or UKAEA please take a look at these resources:**

**<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>**

**<https://ccfe.ukaea.uk/>**

**[www.step.ukaea.uk](http://www.step.ukaea.uk)**

**<https://www.youtube.com/channel/UCyb9vG8oLE4XvZZLYpcDcFw>**