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Buckinghamshire Local Representatives Group

Meeting 2

4 July 2022

01. Today's agenda

Today's agenda

01.

Today's agenda

02.

Production of meeting notes

03.

Review of actions from meeting #1 and deep
dive topics for future meetings

04.

Topic – DCO update, next steps and process

05.

Topic – Rolling stock & traction strategy

06.

AOB & closing remarks

Housekeeping

Thank you for joining

This is a virtual meeting.

Please display your full name as when you registered to attend – this can be done through the ‘Participants’ section.

To help everyone feel part of the discussion, please feel free to turn your camera on during the meeting if you can.

Please use the ‘Raise Hand’ function to raise a question during the meeting, found in the bottom ribbon (under the ‘Reactions’ option).

During the break, please do not leave the Zoom meeting as you may not be able to re-join – please turn your camera off instead.



Display your full name in username



Please use the mute function



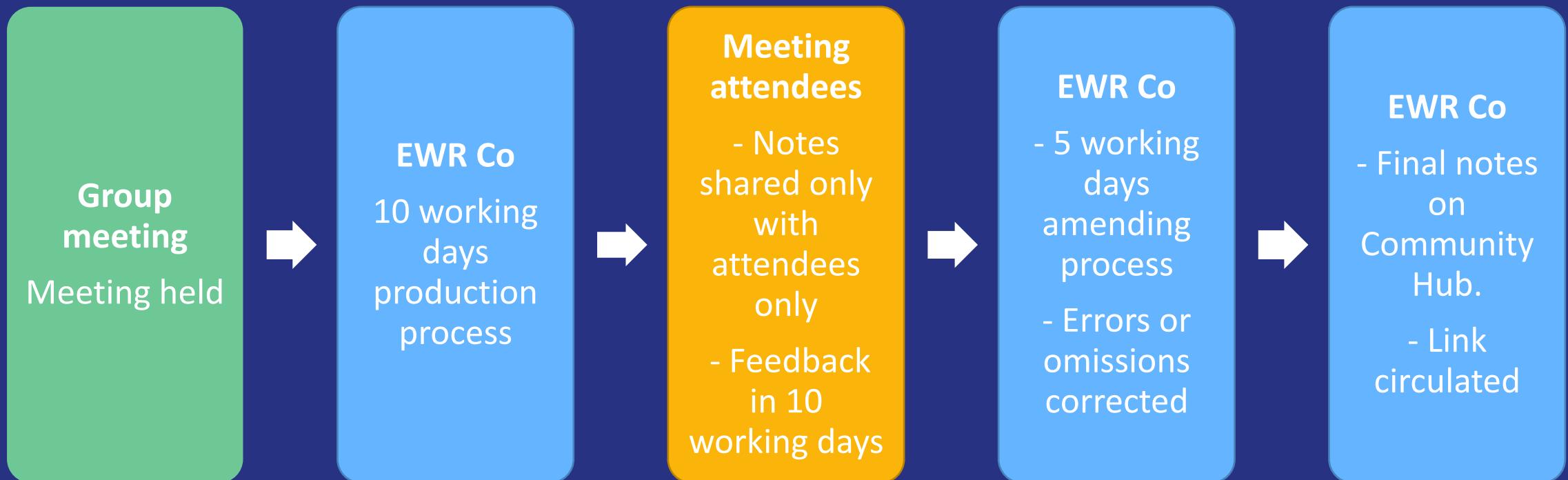
Use the ‘Raise Hand’ function if you want to raise a point during the meeting



Please do put your camera on if possible

02. Production of meeting notes

Creating meeting notes



03. Review of actions from meeting #1, deep dive topics for future meetings

Completed actions

No.	Action	Owner	Status
1	Terms of Reference (TOR) to be re-visited to establish within them a clearer distinction between this group and other established groups in the area looking at the EWR development. TOR to incorporate option of inviting guest attendees.	EWR Co	Completed
2	Develop a slide for future meeting which shows purpose/aims of the different forums/groups held with participants in this area.	EWR Co	To be presented during meeting #2
3	Confirm the status of Aylesbury Spur to the Group.	EWR Co	Completed
4	Noise mitigation concerns to be followed up offline.	EWR Co	Completed

Outstanding actions

No.	Action	Owner	Status
5.	Details of the last train time and the timing of freight to be investigated and provided to the Group.	EWR Co	Ongoing
6	To liaise with Buckinghamshire County Council regarding the retention of road infrastructure improvements, currently proposed to be removed following construction.	EWR Co	Ongoing

Purpose of the Buckinghamshire Local Representatives Group



To bring together the local representatives to discuss the whole EWR project.

Forward looking to when the Oxford to Cambridge route is complete, focusing on strategic, long-term plans.

Impact of future stages on local communities in Buckinghamshire.

Separate from other groups in the area that cover HS2 and EWR Alliance construction and local project updates.

Topics for future discussion

Meeting #3 – (a) Compulsory purchase and compensation, (b) Active Travel / FMLM* (Autumn)

Meeting #4 – (a) Environment: Green credentials, (b) Environment: Sustainable transport, (c) Technology: Broadband, (d) Construction effects: Lessons learned from the Alliance (Winter)

Discussion: Other topics for future meetings

Topics previously suggested: Accessibility / Inclusive design, Engagement: Landowners

Frequency: Quarterly meetings

Outcomes

Actions

* Topic – Construction Effects has been removed

04. The Development Consent Order process

Simon White

DCO Project Manager

Programme Delivery Directorate

DCO: Agenda

- 01.**
Timeline

- 02.**
Pre-application phase

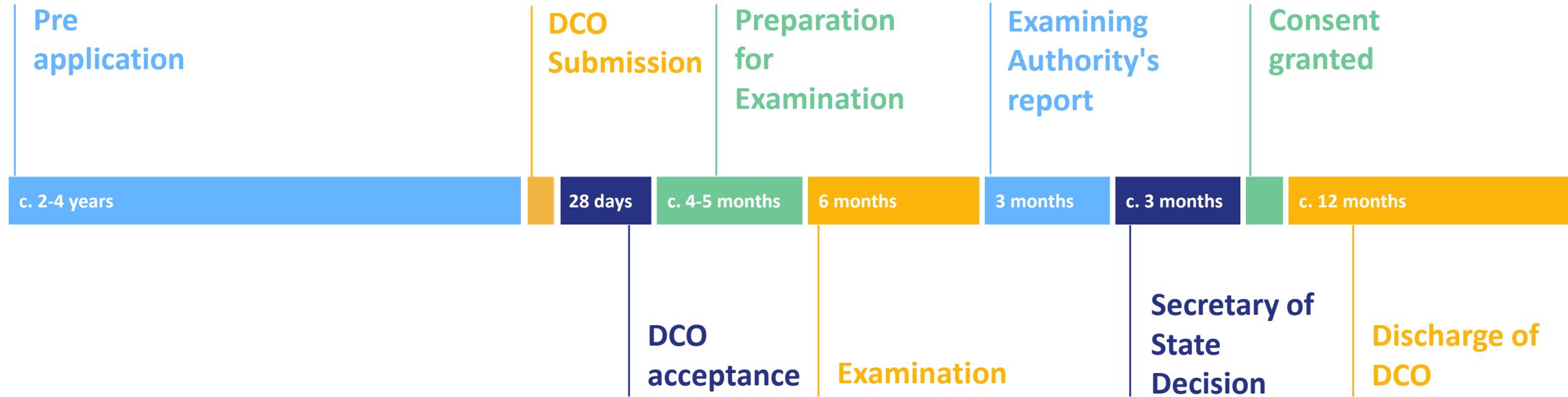
- 03.**
Pre-application process and activities

- 04.**
Consultation, engagement and comms

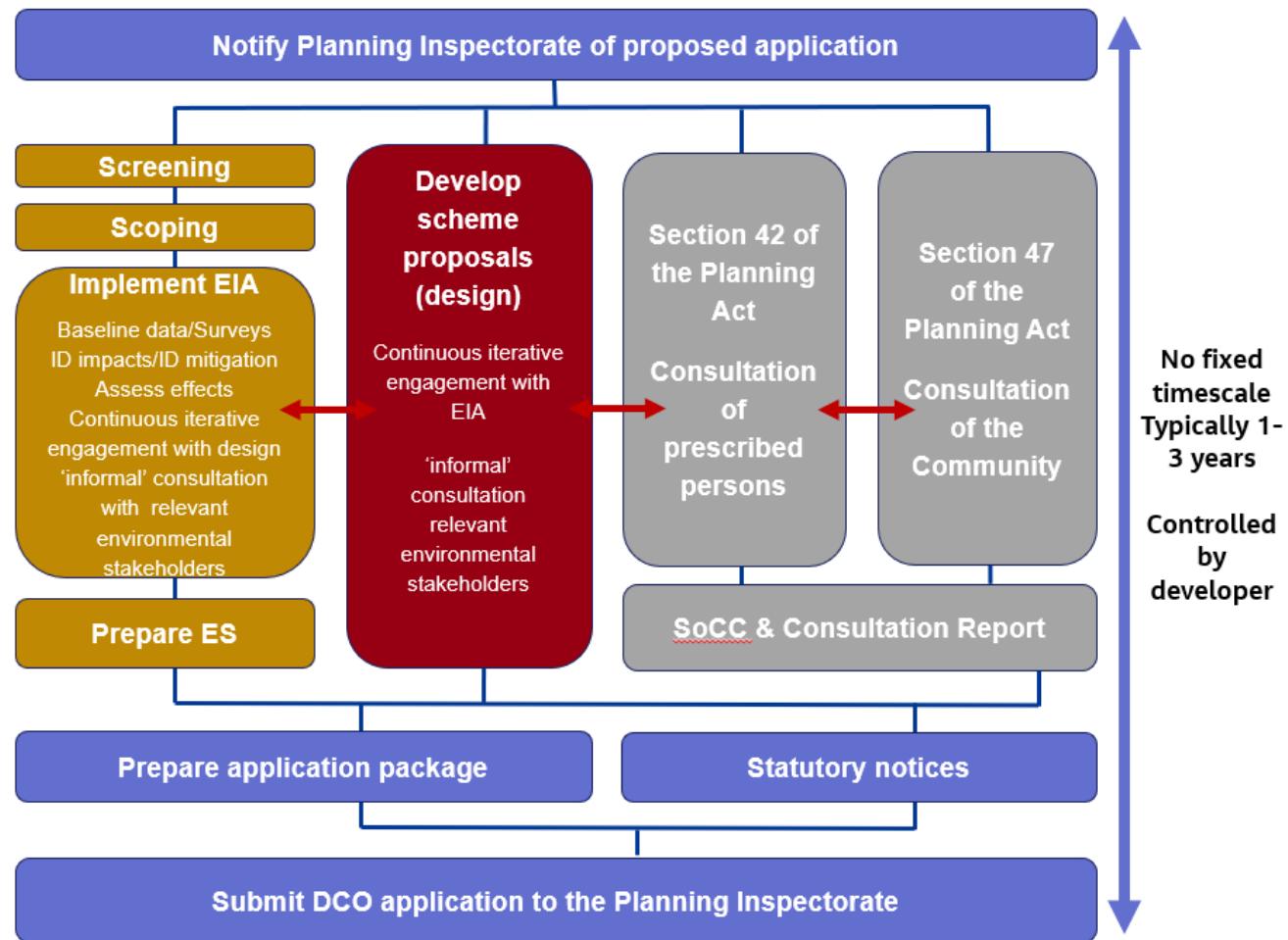
- 05.**
Local authorities' role

- 06.**
Environmental matters

Timeline



Pre-application phase

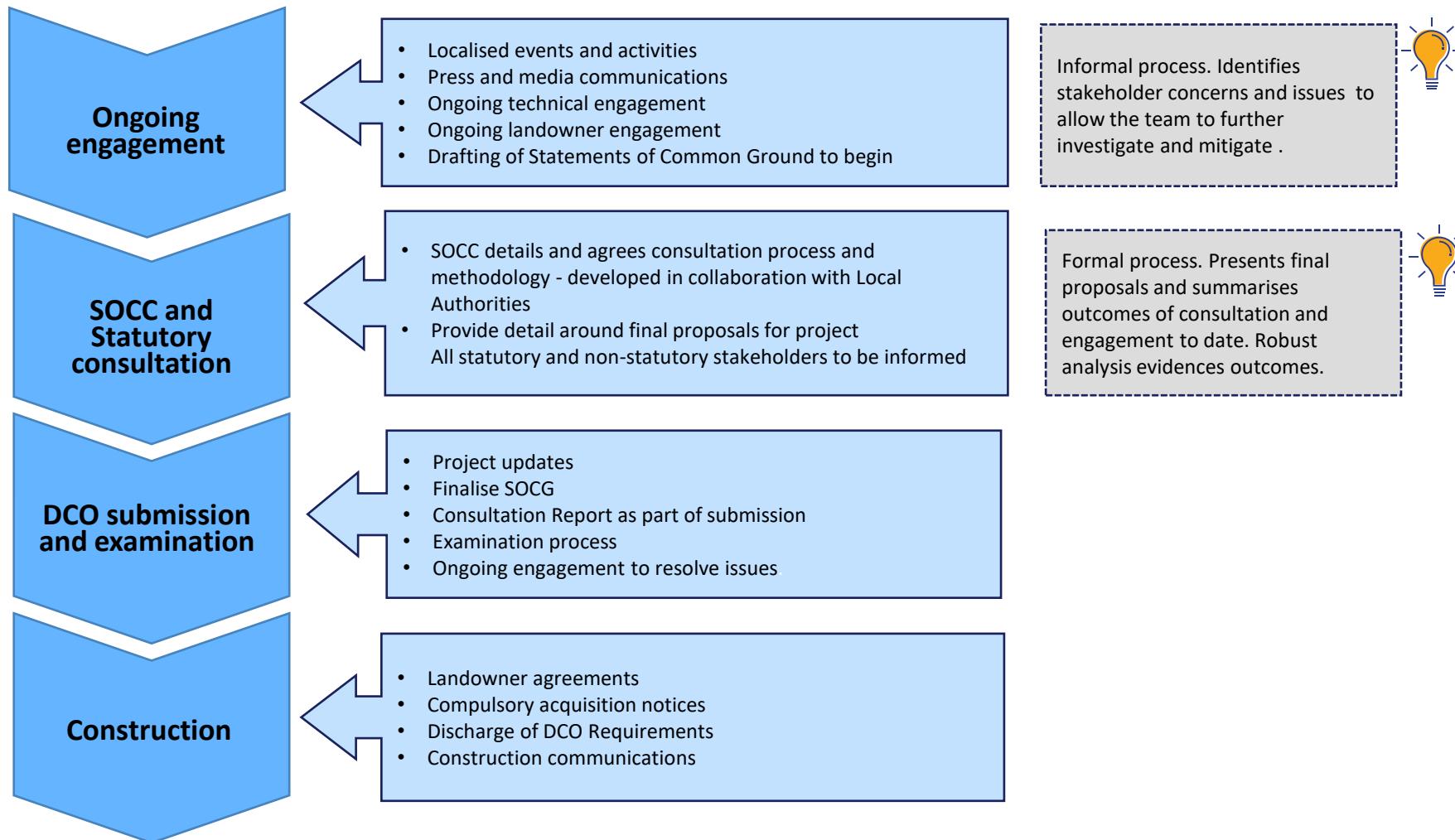


Pre-application process and activities

	Feed back on Non Statutory Consultation
	Preferred Route Alignment and Route Wide Announcement
	Develop design for Statutory Consultation
	Prepare Preliminary Environmental Information Report
	Develop Statement of Community Consultation
	Hold Statutory Consultation
	Analyse stakeholder feedback
	Develop design for DCO application
	Prepare Environmental Statement
	Prepare Application Documents
	Submit Application

Multi Disciplinary
Engineering
Communications
Environment

Consultation, engagement and comms



Local authorities' role

Before DCO submission

- Engagement framework – Planning Performance Agreement
- Ongoing engagement through development of design
- Regular review of issues raised – through draft SoCG
- Review of the SOCC for Statutory Consultation
- Respond formally to our proposal at Statutory Consultation
- Continued Engagement post Statutory Consultation

After DCO submission

- Provide an Adequacy of Consultation Response (AoC)
- Provide a Local Impact Report (LIR)
- Provide a Relevant Representation
- Provide a Written Representation
- Attend public hearings
- Respond to Examining Authority's questions
- Participate in discharge of DCO Requirements

Note See PINS Guidance Notes 1&2

Development of the SoCG

Statements of Common Ground are a written record used during the Development Consent Order (DCO) process to identify the most current position of the parties; what is agreed, what is not agreed and any outstanding matters.

SoCG are useful in focussing the minds of the Examining Authority on the issues which separate EWR Co and the stakeholder.

SoCGs benefit both parties:

- They provide a clear record of the positions of the parties
- They set out the evidence which supports each party's position
- They evidence the engagement that has taken place
- They provide a framework in which negotiation and discussions can progress positively

Development of the SoCC

- We will work with each Local Authority to tailor the SoCC for its area – it will set out; an overview of the scheme and the proposed DCO application, how we will consult, the events that will be held, where people can see more information and how to get in touch.
- We will ensure that we meet or exceed the tests for adequacy in the Planning Act 2008 and that our approach is equitable for all our stakeholder groups.
- The draft SoCC will be provided to local authorities for informal comment at least two months ahead of the Statutory Consultation.
- It is likely to be amended as a result of feedback provided.
- Formal comment will be sought by us from Local Authorities at the appropriate time, with a response required within a prescribed 28-day period.

How and when we will engage with Local Authorities

- In an open, honest and timely manner - aiming to avoid surprises.
- We will schedule communication and engagement activities to align with the programme which will be sensitive to stakeholder constraints.
- We will work with Local Authorities to agree the best format for engagement and consultation with its community (reflected in the Statement of Community Consultation (SOCC)).
- The aim is to gain consensus where possible and record areas of agreement and disagreement in a Statement of Common Ground, which will go to the Examining Authority.

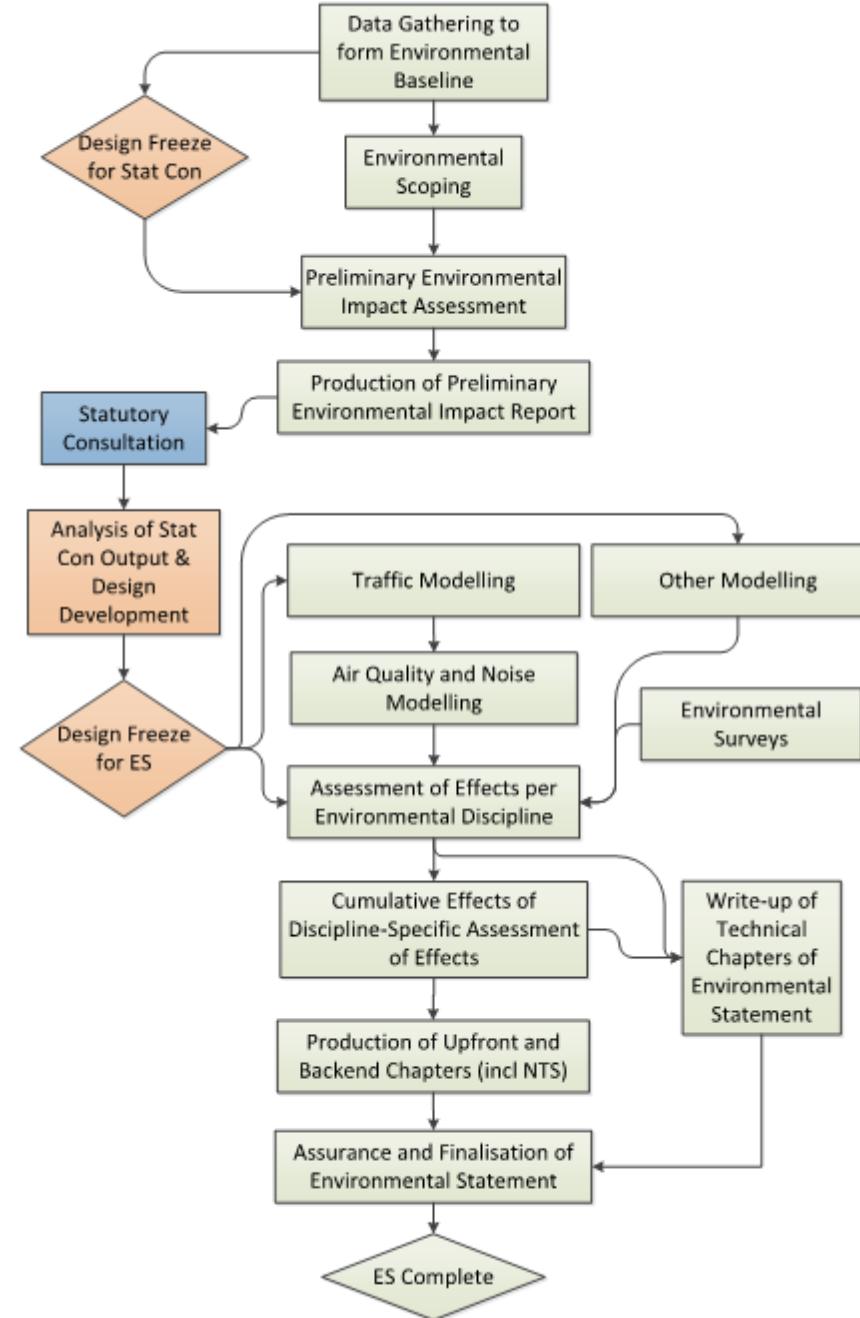
Planning Performance Agreements

EWR Co is seeking to establish Planning Performance Agreements with prescribed stakeholders to enable them to provide the discretionary engagement, input and feedback which are fundamental to the process covering these stages:

- Pre-application
- Pre-examination
- Examination
- If relevant, after grant of DCO

Environmental Matters

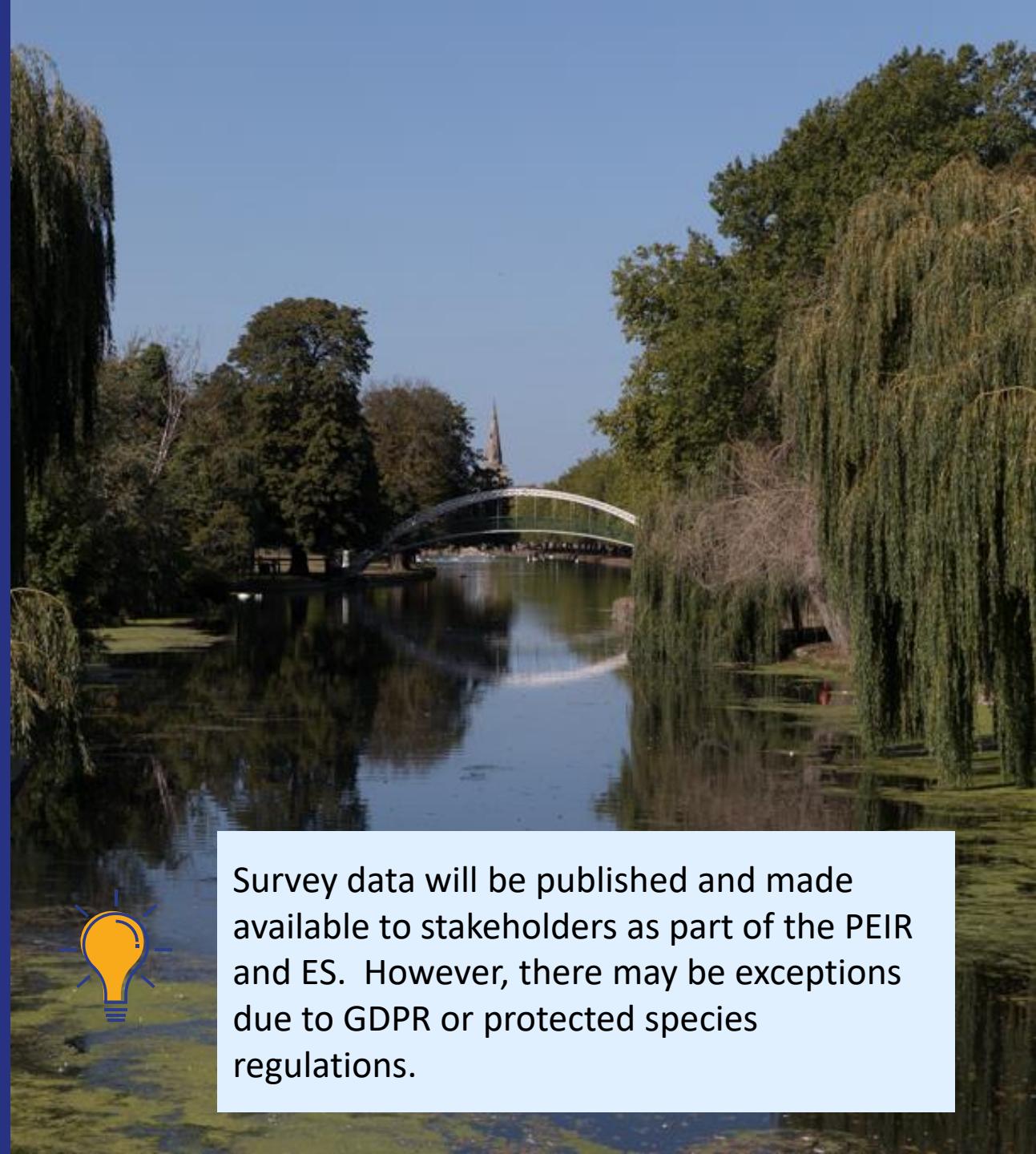
EIA and production of the Environmental Statement



Survey data

Types of Survey Data include

- Arboriculture
- Terrestrial ecology
- Freshwater ecology
- Topography
- Geotechnical information
- Hydrogeological information
- Demand survey information
- Traffic Survey information
- Asset surveys
- Heritage



Survey data will be published and made available to stakeholders as part of the PEIR and ES. However, there may be exceptions due to GDPR or protected species regulations.

05. Rolling stock & traction strategy

Andy Bagguley

Head of Systems, Rolling Stock

Mark Foster

Operations Executive – Rolling Stock

EWR Initial Fleet

- Modern two-carriage diesel trains;
- Operate the initial Oxford to Bletchley with potential to extend to Milton Keynes Central service temporarily;
- Engines meet EU Stage IIIB emissions standards and use Ad Blue in the exhaust system to reduce nitrogen oxide (NOx) emissions;
- Each train has an accessible toilet, passenger information throughout, and dedicated spaces for three bikes.



Use of different types of traction

- Initial use of diesel only trains is a temporary solution;
- This allows EWR to commence services quicker, unlocking the benefits of the new railway earlier;
- Electrification remains under consideration with EWR Co awaiting a decision from government on this;
- This allows flexibility in future power options in line with the government commitment to removing all diesel only trains by 2040;
- EWR are also investigating alternative traction power including battery power and hydrogen fuel cells.

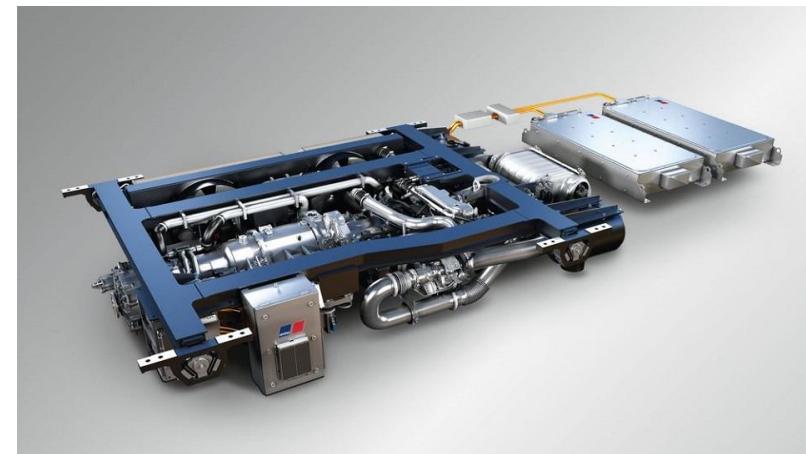


Long-Term Rolling Stock Options

Traction Type		Carbon	Cost	Complexity
EMU (Electric Only)		Green	Green	Green
DMU (Diesel Only)		Red	Green	Green
BMU (Battery Only)		Green	Yellow	Yellow
HMU (Hydrogen Fuel Cell Only)		Green	Red	Red
DEMU (Diesel Electric Bi-Mode)		Yellow	Yellow	Green
DBMU Hybrid (Diesel Battery Hybrid)		Yellow	Red	Red
BEMU (Battery Electric Hybrid)		Green	Yellow	Red
HEMU (Hydrogen Electric Hybrid)		Green	Red	Red

Case study: B-DEMU Hybrid – Class 168 HybridFLEX™

- Partnership between Chiltern, Porterbrook and Rolls-Royce to develop the Hybrid concept;
- One hybrid battery-diesel train currently in service;
- Fitted with brand new engines combined with on-board batteries;
- Batteries are used at stations with diesel used at other times and capture energy lost through braking;
- Fuel consumption and CO2 emissions are reduced by up to 25%, Nitrous Oxide (NOx) emissions by over 70% and particulate emissions by over 90%, compared to the original 25-year-old engine;
- Feasibility for future use on EWR under review.



Case study: Battery EMU Hybrid – Class 379 IPEMU

- Partnership between Network Rail, Bombardier, Abellio, Future Railway and Department for Transport (DfT) to demonstrate the viability of a battery-powered train;
- Tested in passenger service for five weeks in 2015;
- Electric train fitted with traction batteries on one vehicle
- Batteries were used for a 30km section and charged from overhead line electrification on the remainder of the journey;



Ongoing Work



Active engagement with Rolling Stock Manufactures, Owners and Train Operators...

to understand existing challenges with novel rolling stock traction types. Potential for EWR Co to lead innovation of future rolling stock to meet customer needs.



Electrification is being taken into account...

with passive provision included in designs where appropriate.



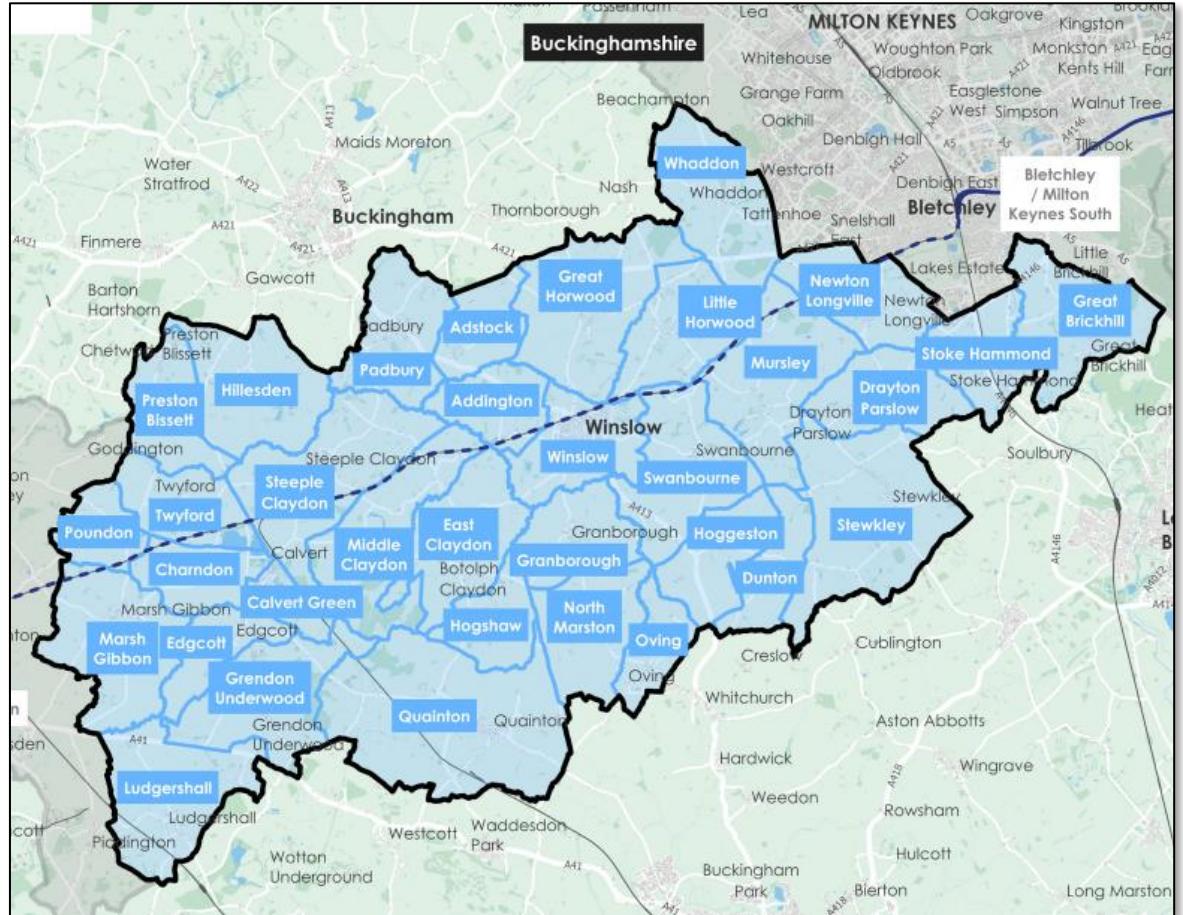
Continued engagement with the Department for Transport (DfT)...

to ensure EWR Co align with the decarbonisation agenda and 'The Williams-Shapps Plan for Rail'.

Buckinghamshire

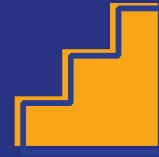
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- Diesel Fleet will operate when EWR Operation commences;
- Rail line from Bicester to Bletchley has option to install Overhead Line Equipment (OLE) at a later date.



06. AOB & closing remarks

Next steps



Summary note to be circulated to attendees for comment within ten working days before being uploaded to Community Hub

Slides to be uploaded to Community Hub within ten working days

Action tracker to be updated

Meeting #3 - date vote (Autumn)

We're always here

All the Group's relevant documents will be available on its **Community Hub** site.

We will notify you when available.



Got a question?

If you have any questions about the Group, please email:

localrepresentativesgroups@eastwestrail.co.uk

If you have any questions about the project, please email:

contact@eastwestrail.co.uk

Or you can also call us on **0330 134 0067**

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