

→ Oxford to Cambridge Expressway

27 March 2018

Introductions

Oxford to Cambridge Expressway

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Ox-Cam Key Milestones & Project Strategic Objectives

Strategic fit overview

- Government recognition of the growth potential of the corridor
- National Infrastructure Commission (NIC) work and report :
 - ‘Partnering for Prosperity’
 - Confirmed the potential – ‘a national priority’, needing ‘urgent action’
 - Notes that to achieve the potential various components need to be addressed including :
 - House building
 - Economic growth from business
 - Employment
 - Well connected communities – rail and road

- Safety
- Customer
- Delivery

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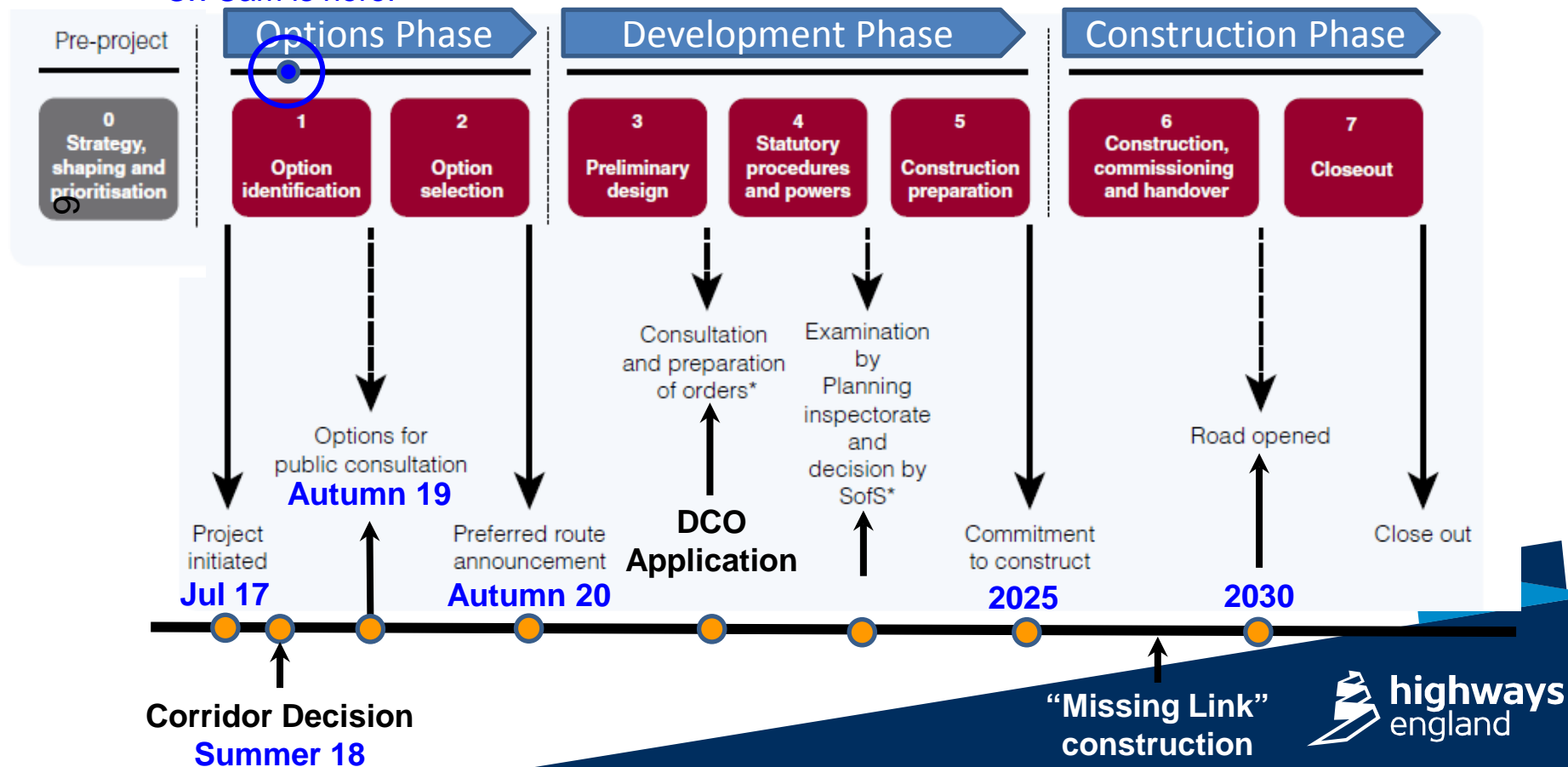
Major Project Milestones & Lifecycle

Stage 0 - Strategy, shaping and prioritisation – COMPLETED

Key decision points in the Major Projects lifecycle

The stages reflect the significant decision points in the project's development and delivery

Ox-Cam is here!



Milestones to Hit

- Corridor decision – Summer 18
- Route options shortlist for consultation -
Autumn 19
- Preferred route announcement - Autumn 20

Subject to funding

Ox-Cam Scheme Objectives

1. Connectivity

Connectivity DfT Strategic Objective

- Provide an east-west strategic road link between Milton Keynes and Oxford that delivers enhanced connectivity through faster, safer and more reliable connections across the corridor in the broad arc from Oxford to Cambridge via Milton Keynes.

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Connectivity Intervention Objectives

- Reduce journey times
- Improve journey time reliability
- Promote resilience
- Safety performance of the project delivery
- Safety performance of the finished product.

Ox-Cam Scheme Objectives

2. Strategic Transformation

Strategic Transformation DfT Strategic Objective

- Support the creation of an integrated corridor between Oxford and Cambridge, reflecting and advancing plans for infrastructure, housing, business investment and development.

Strategic Transformation Intervention Objectives

- Alignment with other transport infrastructure
- Alignment with known and aspirational development.

Ox-Cam Scheme Objectives

3. Economic Growth

Economic Growth DfT Strategic Objective

- Unlock the economic potential in the corridor by facilitating strategic growth to the benefit of the UK economy through increased productivity, employment and housing, and maximising synergies with potential growth associated with East West Rail.

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Economic Growth Intervention Objectives

- Maximise sustainable growth opportunities within the Arc and beyond for existing and new communities
- Economic Density
- Access to gateways and freight terminals
- Dependent development including jobs and housing
- Skills Impact.

Ox-Cam Scheme Objectives

4. Skills and Accessibility

Skills and accessibility DfT Strategic Objective

- Promote accessibility and wider socio-economic benefits by improving access to job opportunities at key employment centres, developments, and at education, leisure, health, and retail facilities whilst creating wider employment opportunities.

Skills and Accessibility Intervention Objectives

- Improve wider access to jobs by reducing journey times, supporting access to public transport and improve connection between homes and employment.

Ox-Cam Scheme Objectives

5. Planning for the Future

Planning for the future DfT Strategic Objective

- Reduce the impact of new housing on local roads for communities and contribute to better safety, security and health whilst promoting sustainable transport modes.

Planning for the Future Intervention Objectives:

- ➔ Provide infrastructure that facilitates access for traffic onto the SRN (“Right traffic on the right roads”)
- Promote access to public transport
- Support future transport technology (improved safety, electric vehicles, low emission vehicles etc.)
- Improve walking, cycling, and horse riding links between communities and core traffic generators
- Integrate with existing and known future multimodal projects.

Ox-Cam Scheme Objectives

6. Environment

Environment DfT Strategic Objective

- To provide a healthy, natural environment by reducing congestion and supporting sustainable travel modes and promoting equality and opportunity.

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Environment Intervention Objectives:

- Improve the net environmental impact of transport on communities
- Reduce the impact of new infrastructure on natural & historic environment by design.

Ox-Cam Scheme Objectives

7. Innovation

Innovation DfT Strategic Objective

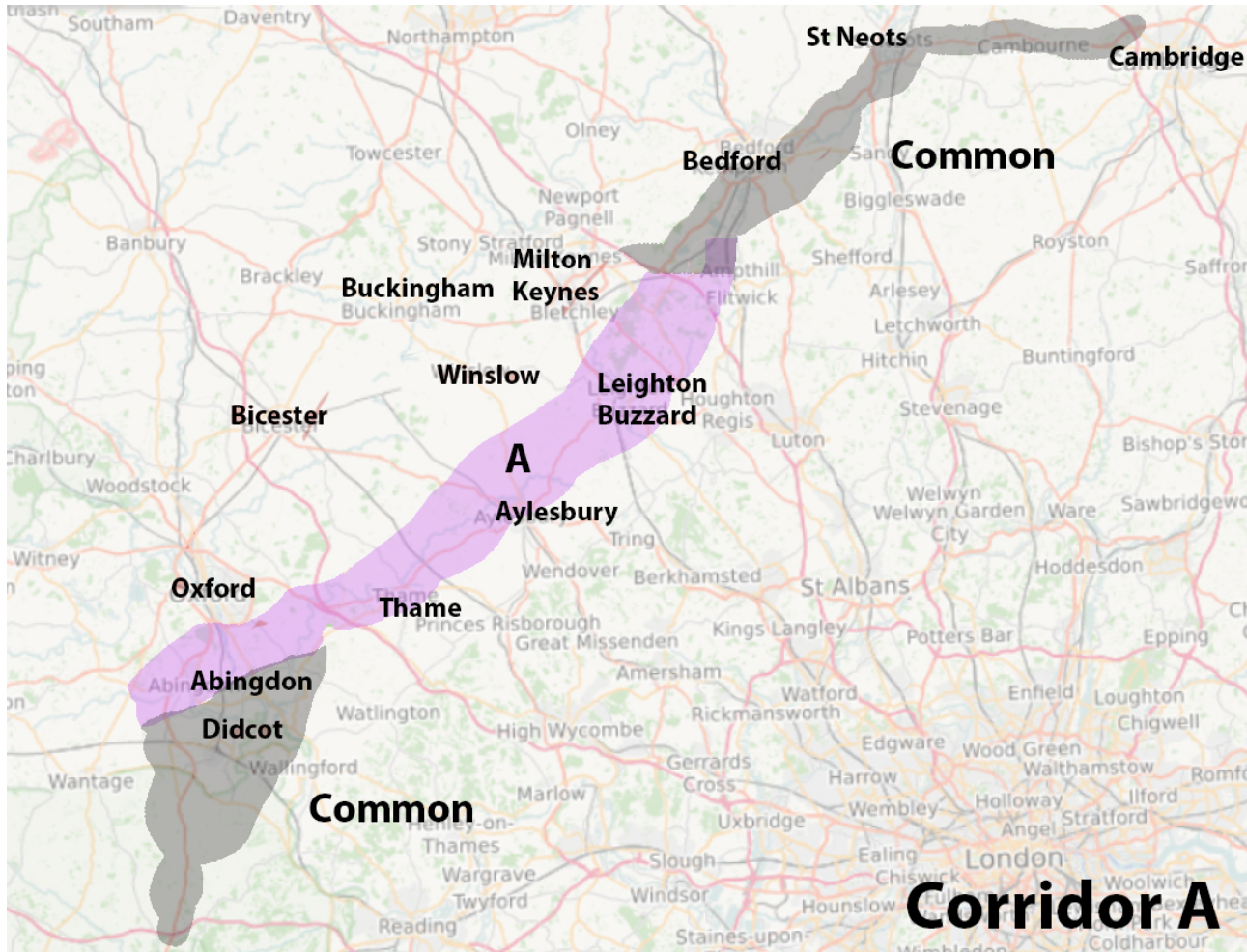
- Apply innovative technology wherever possible to support the sustainable planning, construction and operation of transport measures.

Innovation Intervention Objectives:

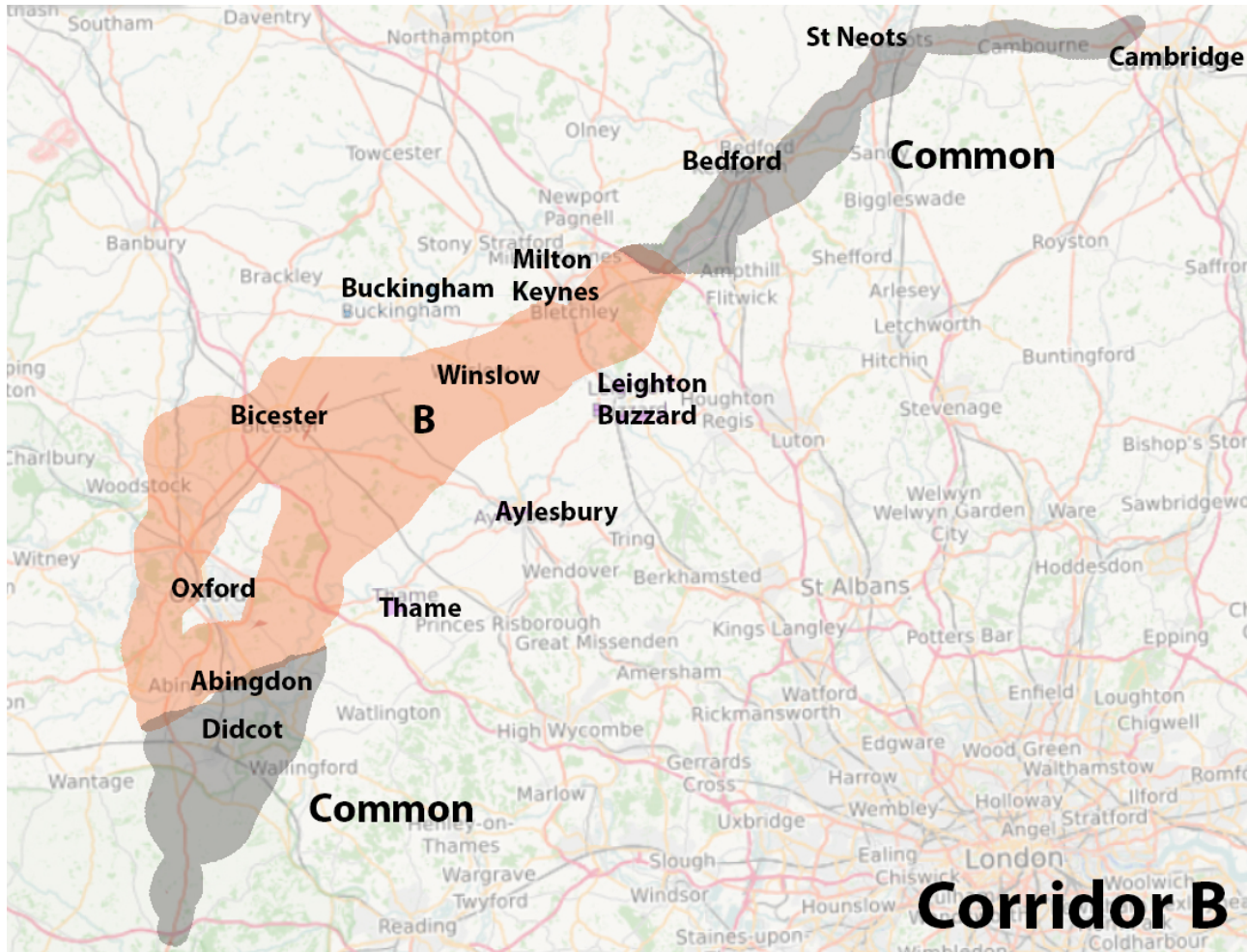
- Promote the use of current and future technologies to support shorter journey times and reliability
- Promote technology use to enable customers to adopt sustainable transport.

Corridor A

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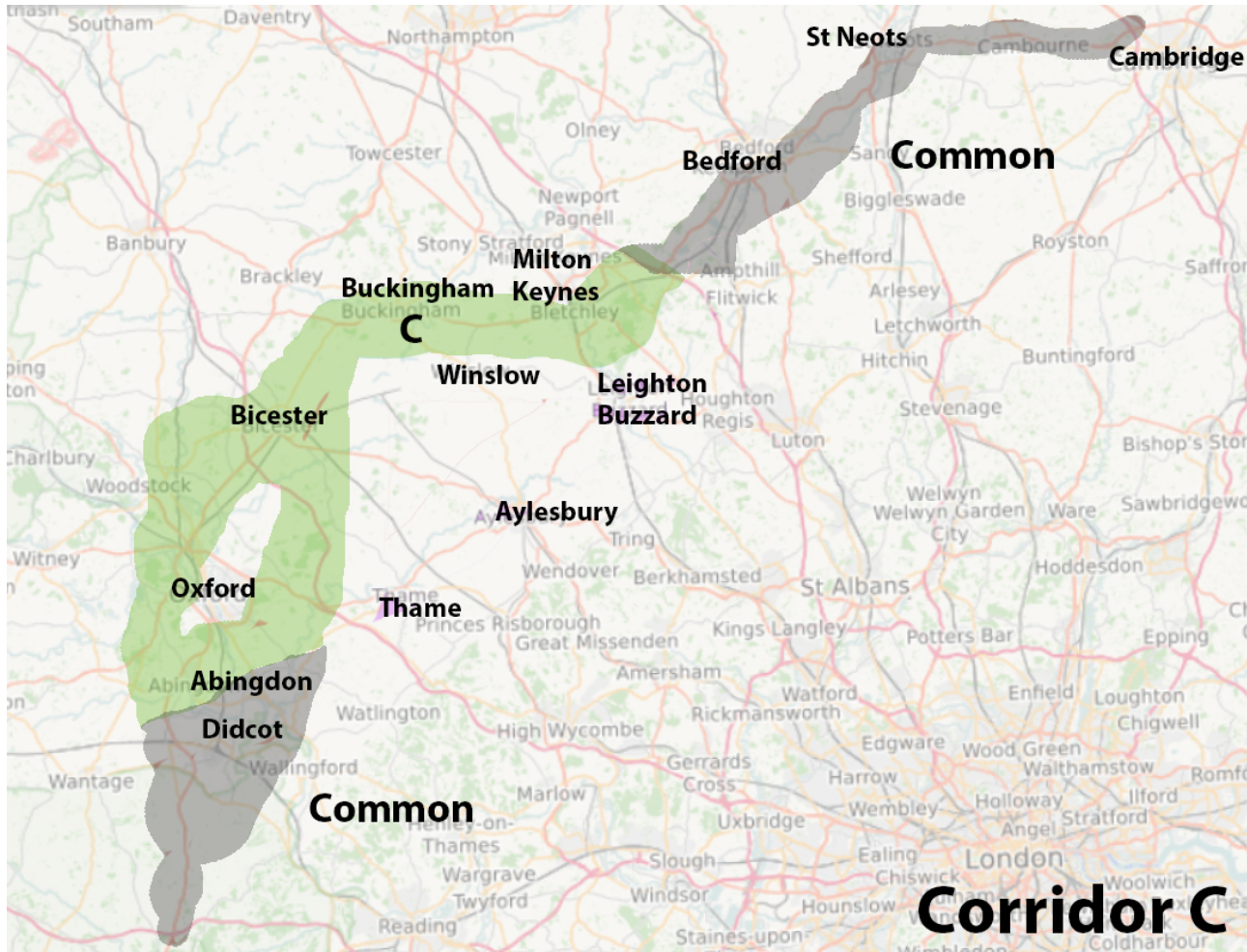


Corridor B

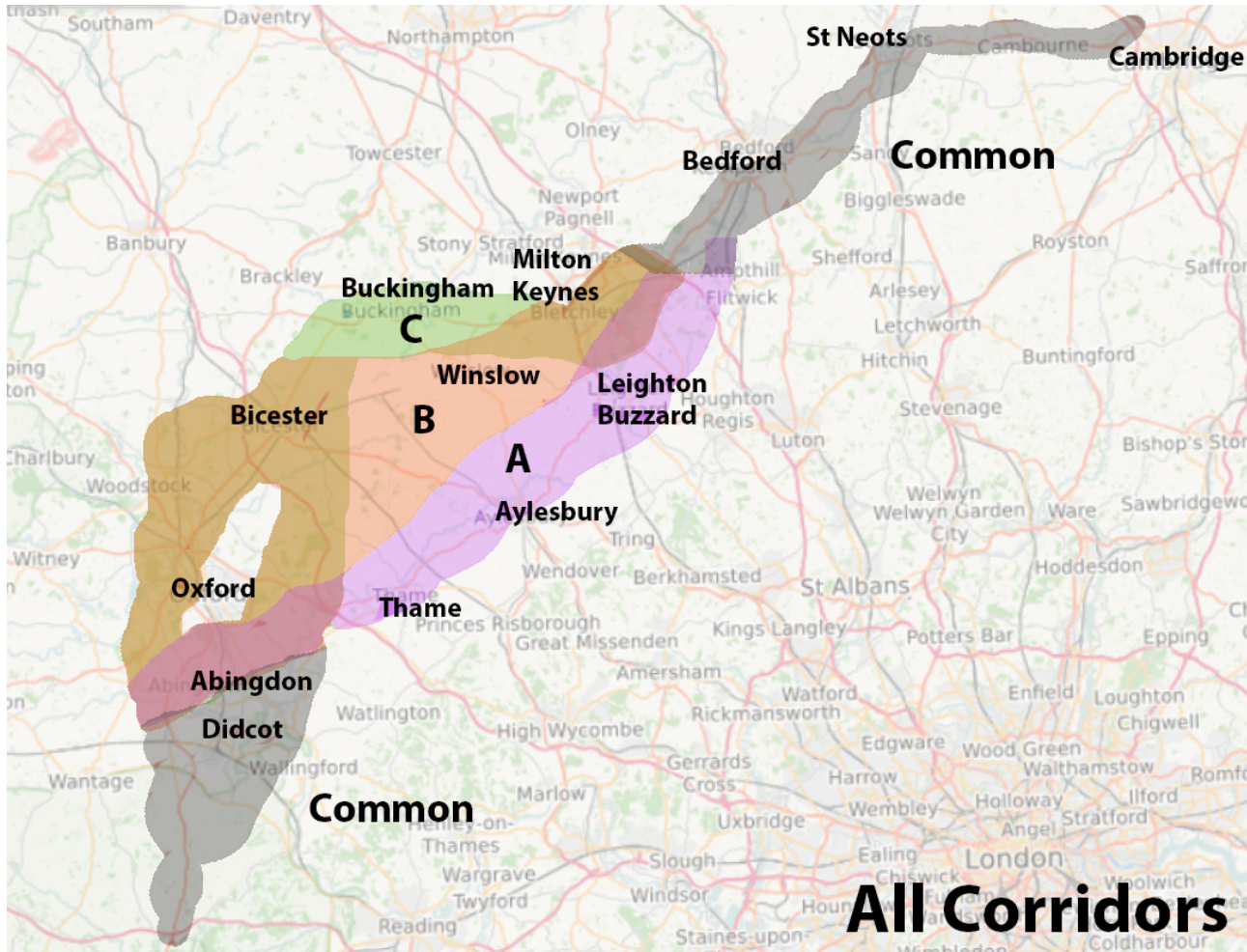


Corridor C

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All Corridors



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Using the Ox-Cam Strategic Objectives for Expressway Corridor Selection

Main Components of Corridor Assessment

- Traffic and Economics
- Environment
- Infrastructure
- Stakeholder Engagement

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Traffic and Economics

- Traffic and Economic Modelling
 - Based on existing strategic modelling
- Assessment against
 - Congestion reduction
 - Shorter journey times
 - Improved journey time reliability
 - Support to economic growth aspirations

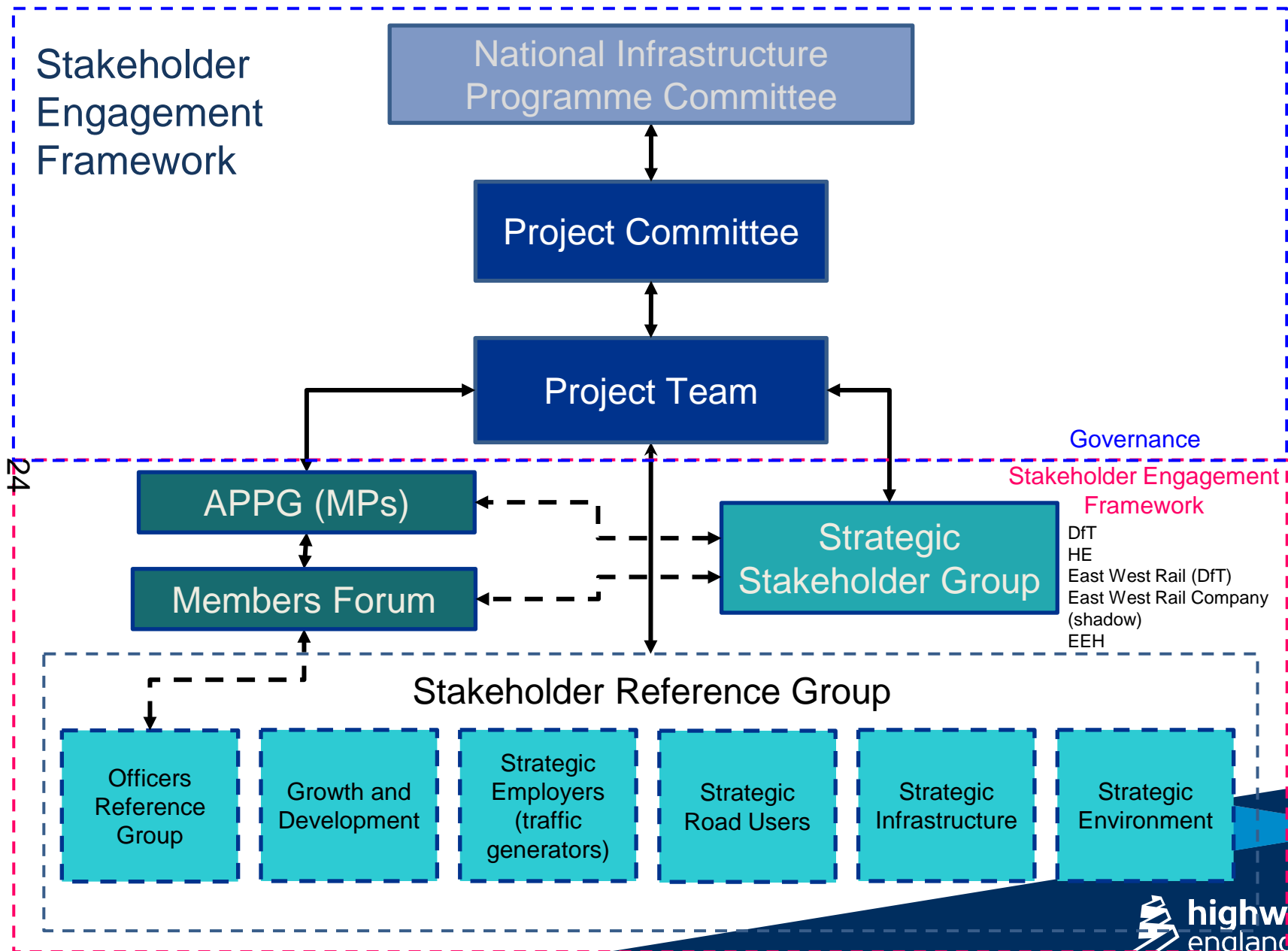
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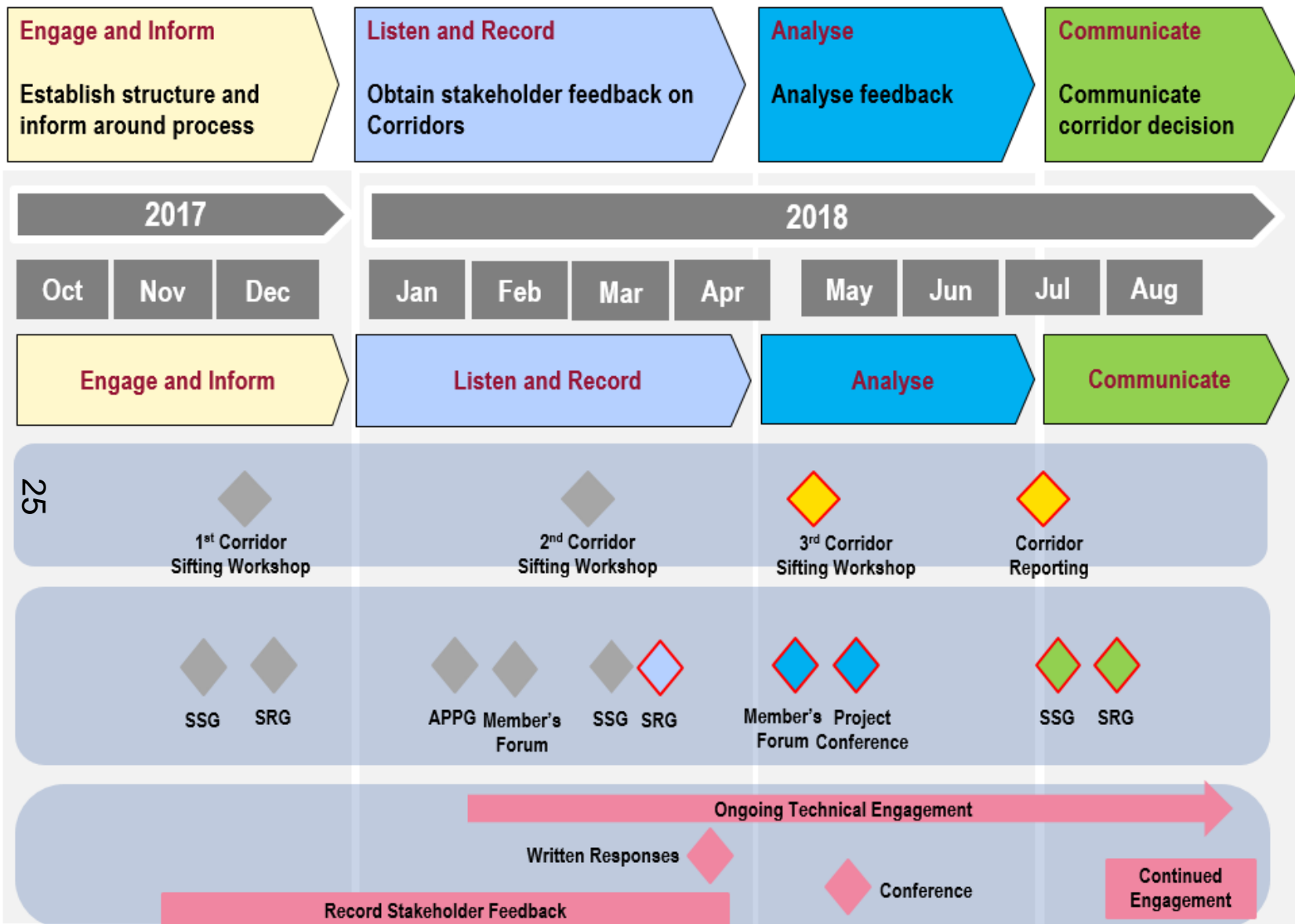
Environment

- Collation of information (desk top study)
- Develop constraints mapping and assessment:
 - Air Quality
 - Cultural Heritage
 - Landscape
 - Nature Conservation
 - Geology and Soils
 - Materials
 - Noise and Vibration
 - People and Communities
 - Road Drainage and the Water Environment

Infrastructure

- Collation of information (desk top study)
- Develop constraints mapping and assessment:
 - Alignment
 - 23 – Physical constraints
 - Drainage
 - Geotechnical
 - Topography
 - Significant utility plant
 - Constructability
 - Land use
 - Strategic infrastructure interface





Basis of Overall Corridor Assessment

- Achievement of the strategic objectives
- Taking account of feedback from stakeholder engagement
- Considering affordability and value for money
- and any other relevant factors

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Local Authority Feedback on Ox-Cam Corridors A, B and C

Feedback

- Opportunity for you to provide written feedback to Highways England to inform the Summer 2018 Corridor Decision
- Deadline of 12 April 2018
- We would welcome your feedback on:

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What is your preferred Corridor and why?

Are there any Corridors you do not support, and why?

- Corridor information is contained in the Strategic Study Stage 3 Report issued by DfT on 28 November 2016

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Questions

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