

February 2023

London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 5 Environmental Statement and Related Documents
5.03 Chapter 21 In-Combination and Cumulative Effects
Figures 21.1 - 21.4

Application Document Ref: TR020001/APP/5.03

APFP Regulation: 5(2)(a)

The Planning Act 2008

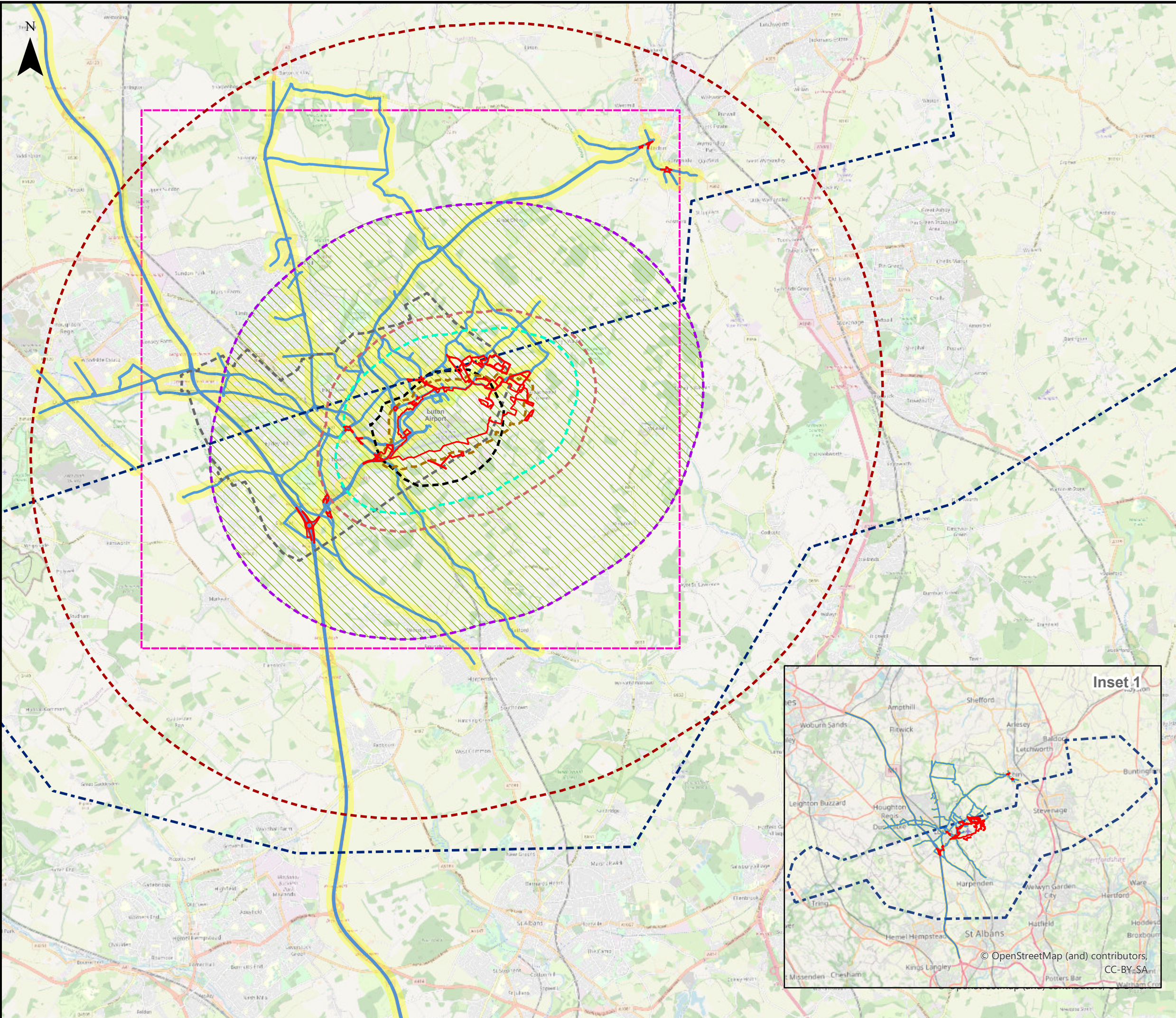
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

London Luton Airport Expansion Development Consent Order 202x

5.03 ENVIRONMENTAL STATEMENT CHAPTER 21 IN-COMBINATION AND CUMULATIVE EFFECTS FIGURES 21.1 – 21.4

Regulation number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference:	TR020001
Document Reference:	TR020001/APP/5.03
Author:	Luton Rising

Version	Date	Status of Version
Issue 01	February 2023	Application issue



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All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

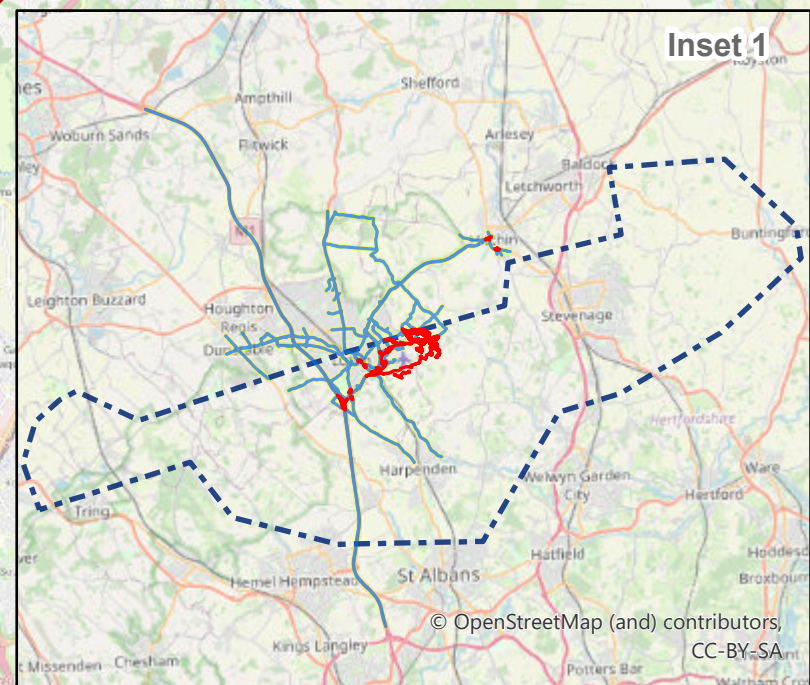
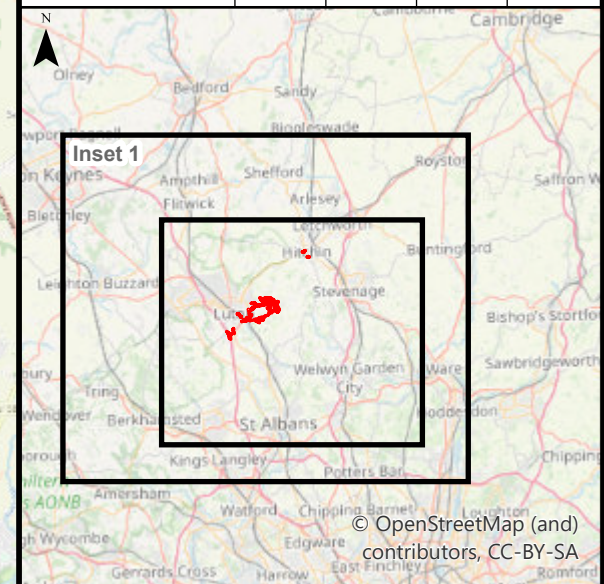
Order Limits	Other Zones of Influence (ZOI)
Affected Road Network (ARN)	Rural Landscape Character Area inside LVIA
Zones of Influence (ZOI) from the Main Application Site	Air Quality - 200m buffer around the ARN
Soils and Geology - 250m	Air Quality - 15km x 15km centered on Airport
Biodiversity - 1.5km	Noise
Cultural Heritage and Soils and Geology- 2km	Air
Water Resources - 5km	Ground
Major Accidents and Disasters (MAD) ZOI - 10km	Surface Access

Cultural Heritage - A wider study area, beyond 2km, has been informed by the Zone of Theoretical Visibility (ZTV) and noise contour data.

Agriculture - Agricultural land required for constructing the Main Application Site; agricultural field margins required for landscape mitigation planting; and agricultural land required to construct Off-site Highway interventions to the west of Junction 10 of the M1 and immediately to the north of Half Moon Lane.

Landscape and Visual - ZOI includes also the full extent of any character areas that may be affected within the 5km envelope; land in Hitchin within 250m of Works 6e (k), (l) and (m); and, for considering effects on tranquility, additional land within the Chilterns AONB where aircraft would be below 7,000ft

First Issue	AB	HP	CS	17/01/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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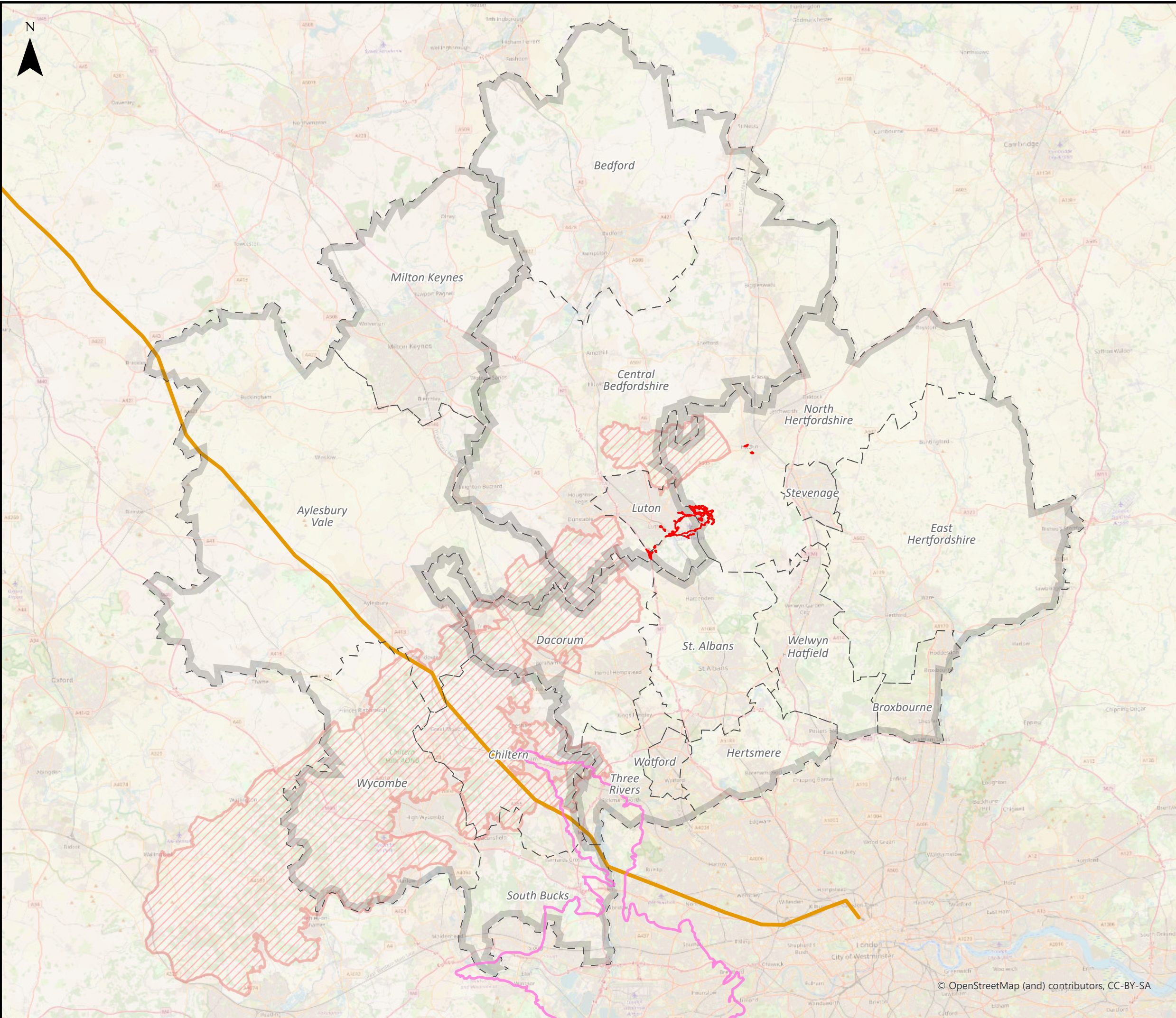
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Drawing Title **Figure 21.1 Cumulative Effects Assessment (CEA) Core Zones of Influence (ZOI)**

Purpose of issue	SUITABLE FOR INFORMATION	Suitability	S2
Drawn	Checked	Approved	Date
AB	HP	CS	07/01/23
Scale	1:100,000	Size	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0117	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	



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Legend

- Order Limits
- Local Authority Boundaries
- Bedfordshire, Buckinghamshire and Hertfordshire: Waste and Resources and Economics and Employment
- HS2 Phase 1
- Heathrow Wider Zone of Influence
- Chilterns Area of Outstanding Natural Beauty (AONB)

First Issue	AB	HP	CS	17/01/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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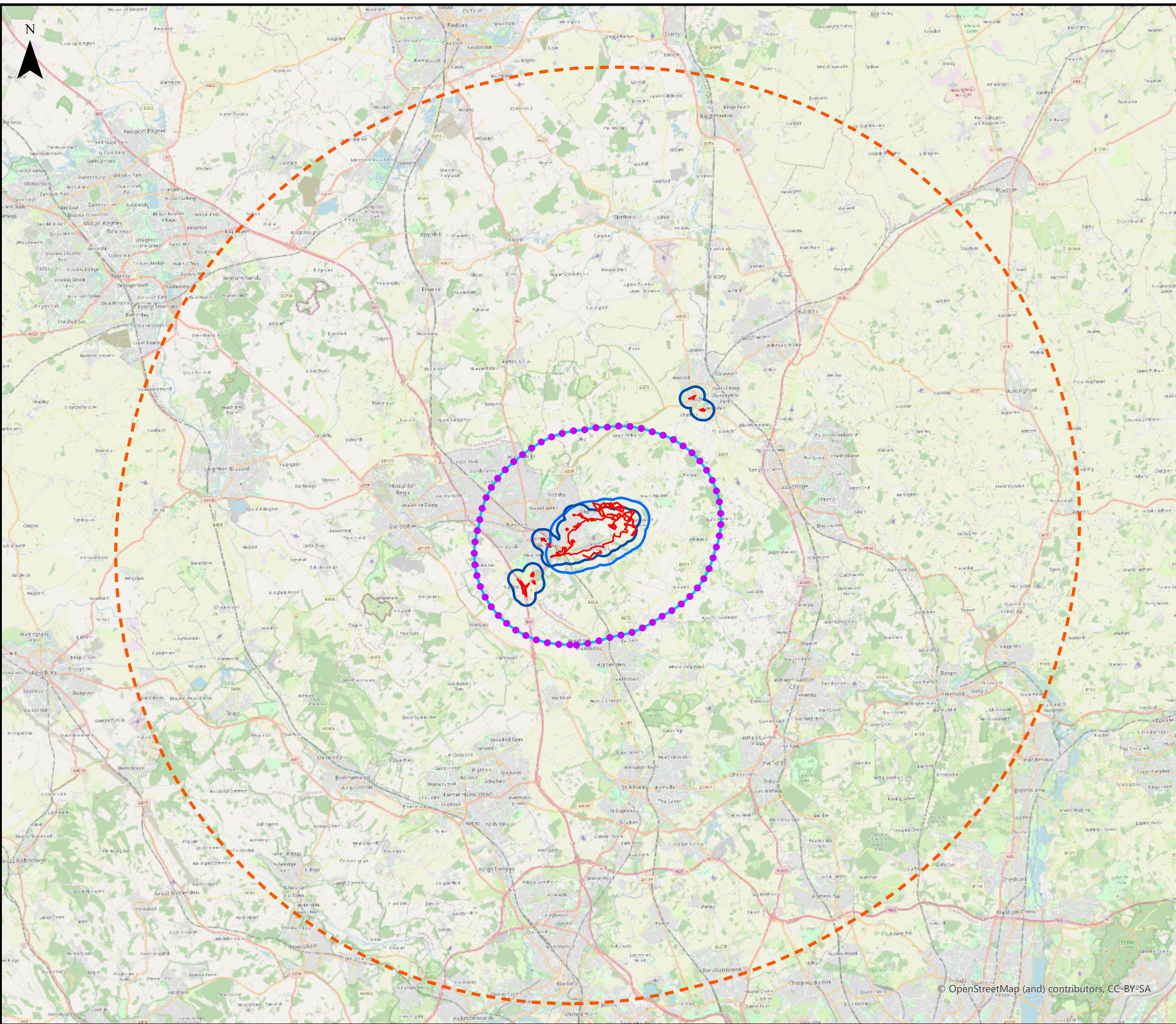
Drawing Title
**Figure 21.2
Cumulative Effects Assessment (CEA)
Wider Zones of Influence (ZOI)**

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	HP	CS	17/01/23	1:350,000	A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0118	Revision P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	

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Legend

- Order Limits
- 25km Nationally Significant Infrastructure Projects
- 5km Transport and Works Act Orders, Mineral and Waste EIA application, Transport allocations in non-statutory plans
- 5km Large Scale Major
- 1km Small Scale Major
- 500m Small Scale Minor

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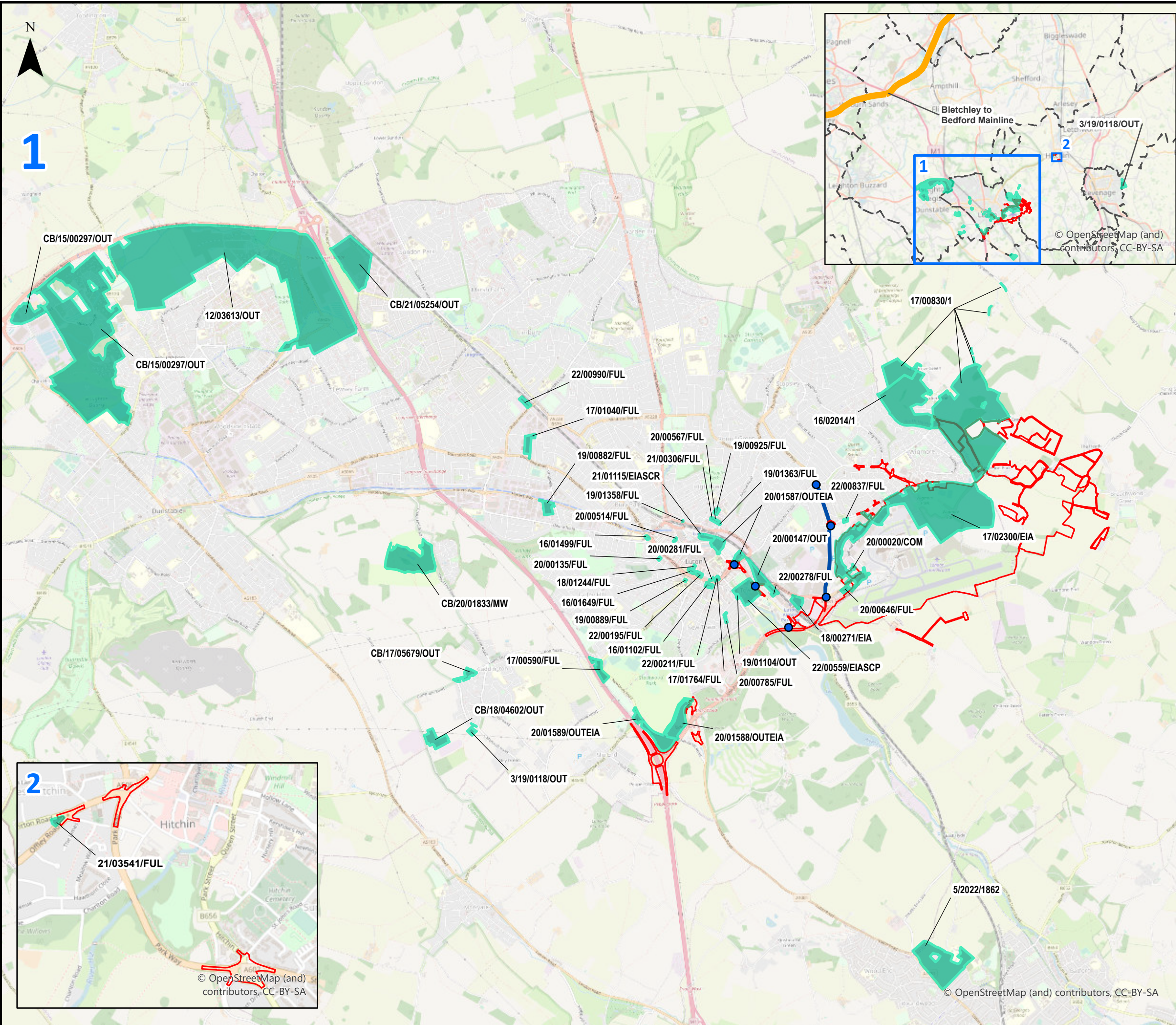
Drawing Title Figure 21.3
Cumulative Effects Assessment (CEA)
'other developments' search area

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	HP	CS	17/01/23	1:200,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0119	P01

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- Legend**
- Order Limits
 - Local Planning Applications
 - East Luton Study Junctions
 - East Luton Study Vauxhall Way Improvements

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Drawing Title
**Figure 21.4
 Cumulative Effects Assessment (CEA)
 Short List of 'other developments'**

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
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DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0120	Revision P01
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Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number