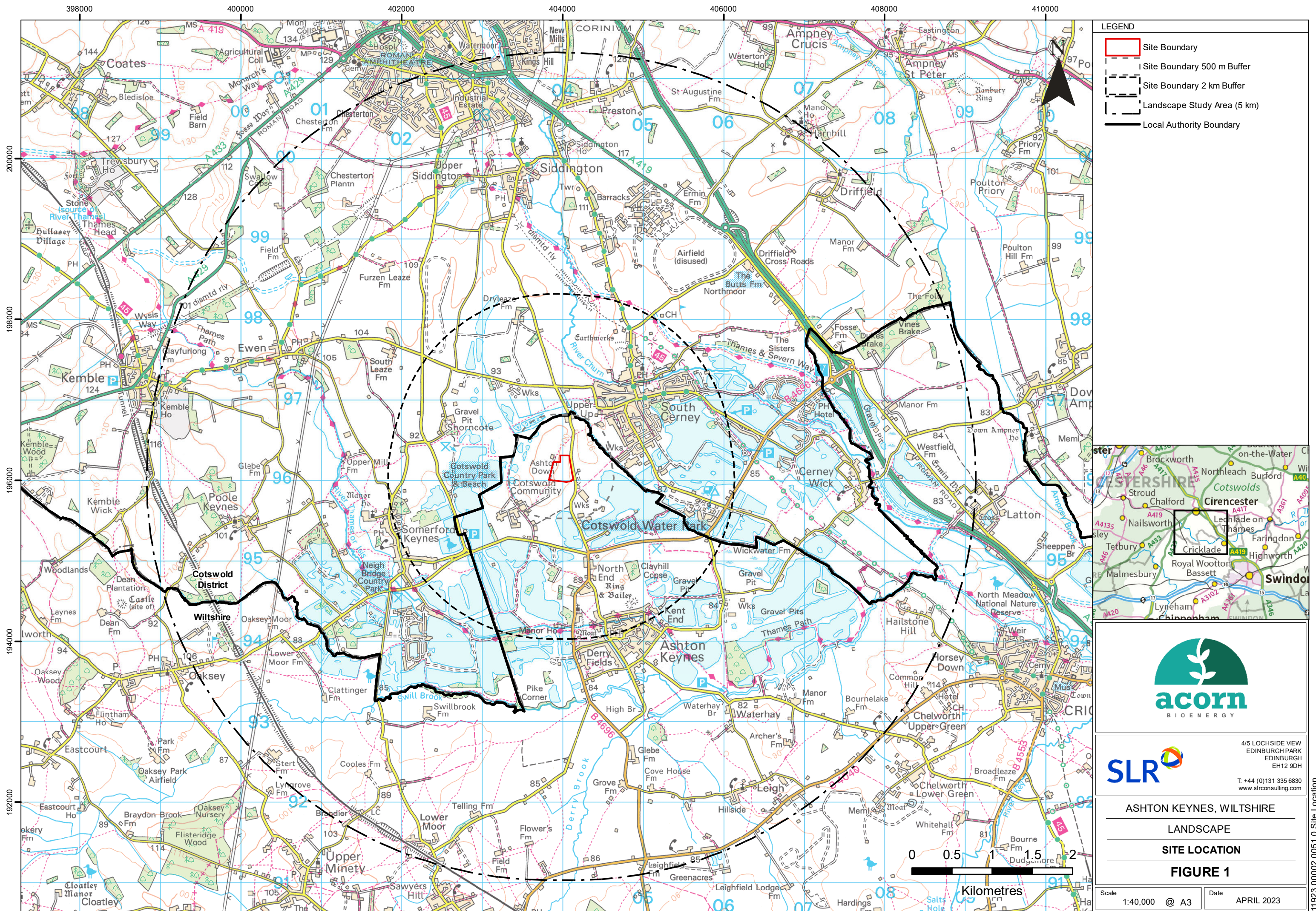
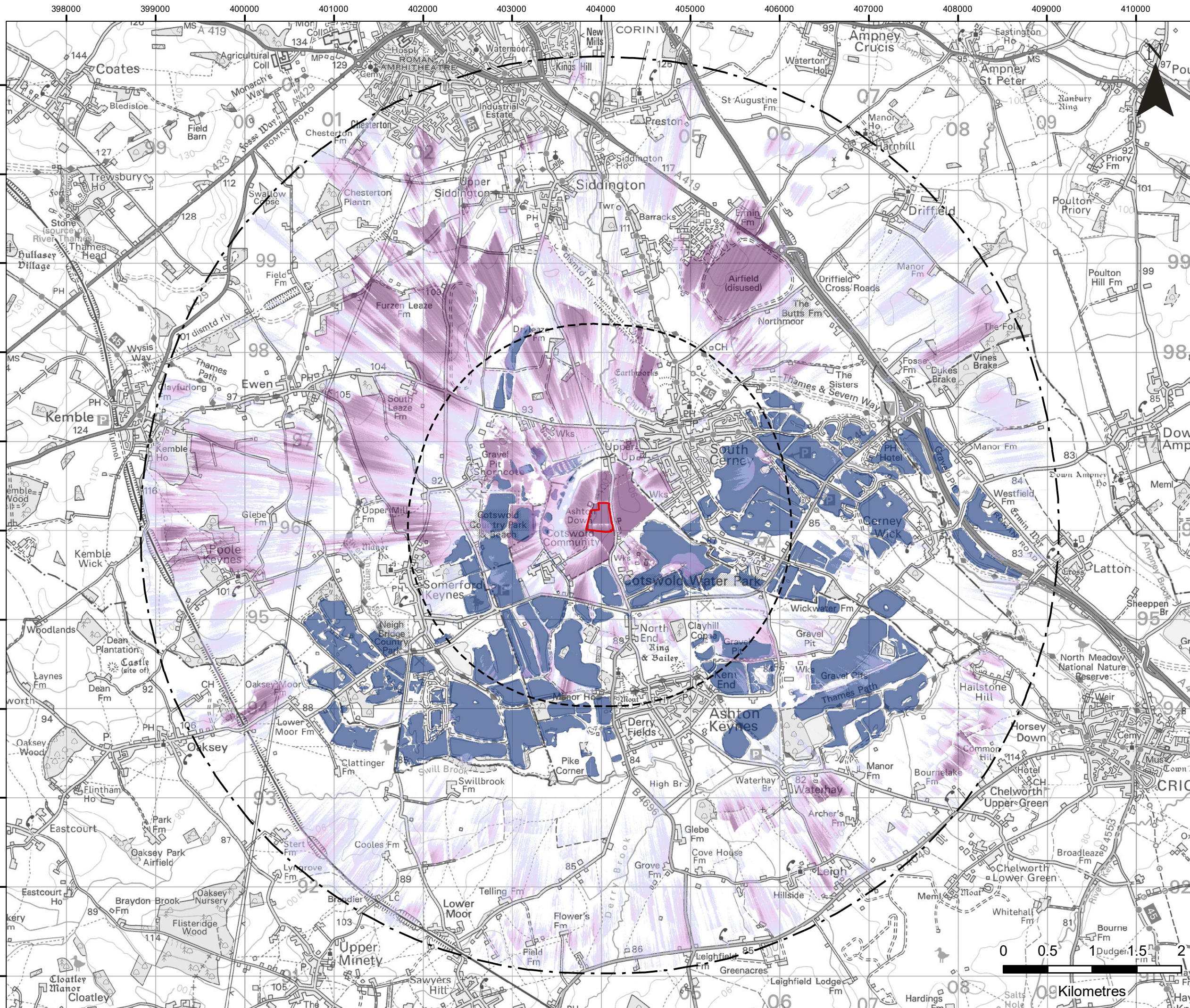






LEGEND

- Site Boundary
- Site Boundary 2 km Buffer
- Landscape Study Area (5 km)
- Waterbody

Zone of Theoretical Visibility: Screened Scenario

Proportion of Site Visible (17 m Height)

- Higher Number of Points (Base off a 50 m Grid)
- Lower Number of Points (Base off a 50 m Grid)

Note

This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from The Environment Agency National LIDAR Programme 1 m spatial resolution with an vertical accuracy of +/-15 cm RMSE. Earth curvature has been included in the ZTV calculation and refraction of light has been applied using ESRI default settings. The ZTV has been generated from a viewing height of 2m above ground level which falls within recommendations by "Visual Representation of Windfarms" prepared for Scottish Natural Heritage (SNH) February 2017 - Version 2.2.

The use of ZTV mapping at this stage is limited and the following assumptions should be noted:

- The ZTV has been generated using a 50m grid of the maximum developable area.
- A building height of 17 m has been used for generating the ZTV.
- The ZTV accounts for the localised screening effects of vegetation and buildings utilising the Environment Agency National LIDAR Programme DSM 1 m spatial resolution data. The heights of buildings and vegetation have been generated by calculating the difference between DSM and DTM. Where the height difference is greater than 1 m, this has been classified as zero visibility of the development. The ZTV does not indicate potential visual effects or show the likely significance of effects. It shows potential theoretical visibility only. The ZTV has been produced for the purpose of informing 'on the ground' visual assessment.
- The ZTV colour palette has been specifically developed to assist viewers with reduced sensitivity to red, green and blue light.
- The ZTV has been generated up to 5 km from the proposed site.



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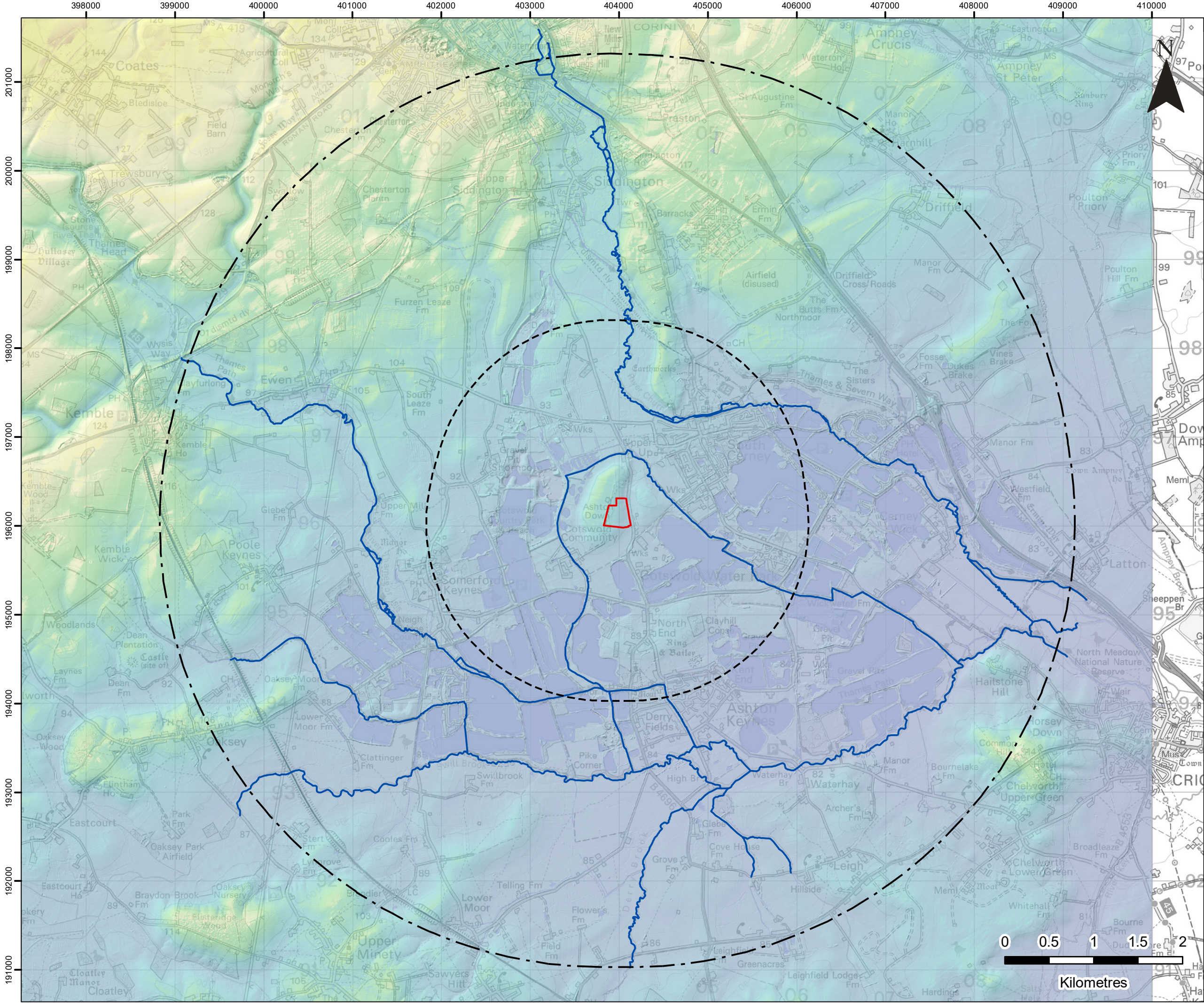
LANDSCAPE

**ZONE OF THEORETICAL VISIBILITY
SCREENED**

FIGURE 2

Scale 1:40,000 @ A3

Date APRIL 2023



LEGEND

- Site Boundary
- Site Boundary 2 km Buffer
- Landscape Study Area (5 km)
- Statutory Main River

Topography (m AOD)

High : 202m

Low : 78m

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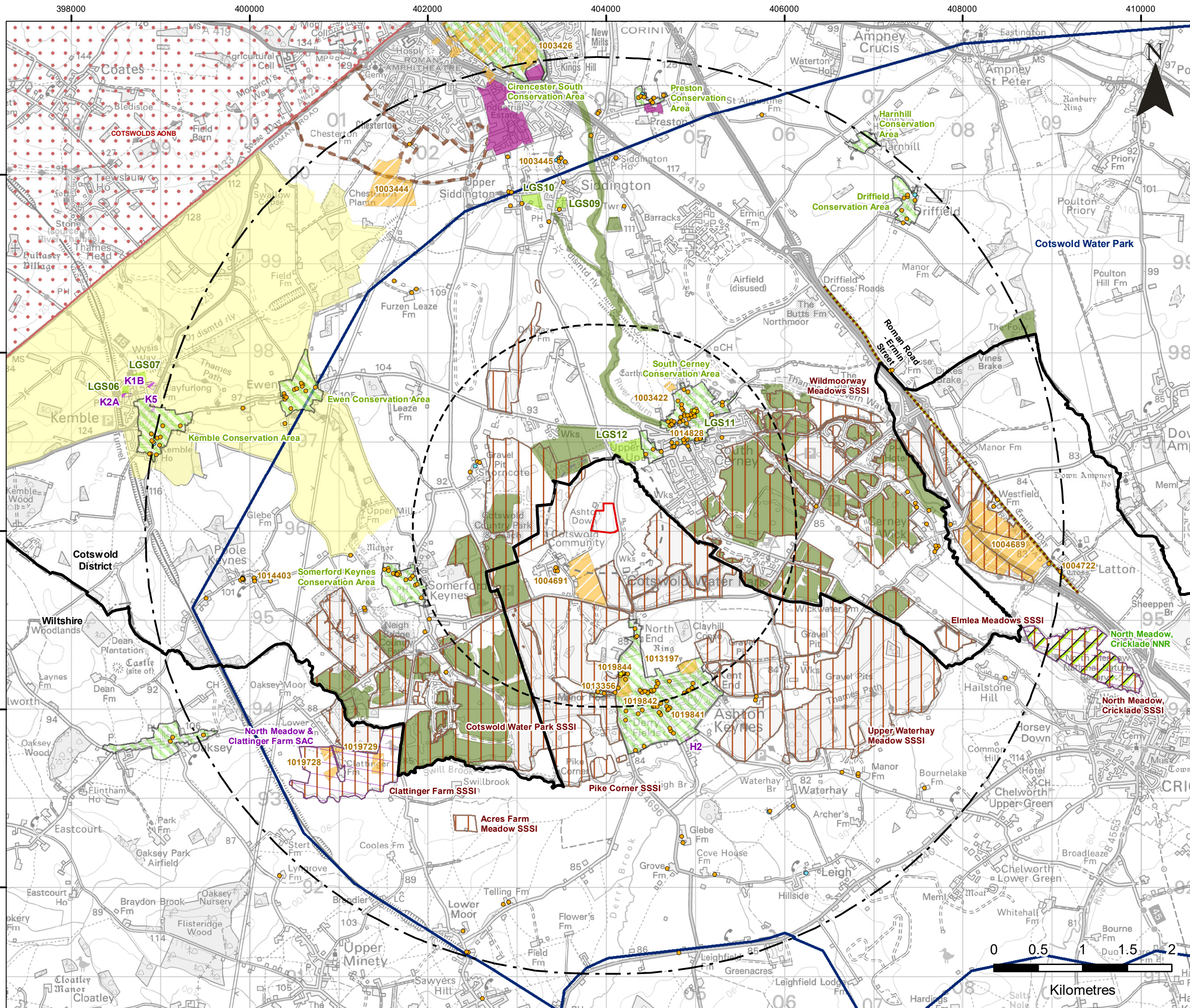
TOPOGRAPHY

FIGURE 3

Scale 1:40,000 @ A3

Date APRIL 2023

11923.00002.0056.0 Topography



LEGEND

Site Boundary
Site Boundary 500 m Buffer
Site Boundary 2 km Buffer
Landscape Study Area (5 km)
Local Authority Boundary

Nature Conservation

Special Area of Conservation (SAC)
Site of Special Scientific Interest (SSSI)
National Nature Reserve (NNR)
Local Wildlife Site (LWS)

Heritage

Scheduled Monument
Conservation Area

Listed Building (Grade)

I
II
II*

Landscape

Area of Outstanding Natural Beauty (AONB)

Wiltshire Core Strategy

Cotswold Water Park Functional Boundary

Cotswold District Local Plan (2011-2031)

Kemble & Ewen Special Landscape Area
Strategic Development Area
Site Allocation (Housing)
Established Employment Site
Local Green Space

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EDINBURGH
EH12 9DH
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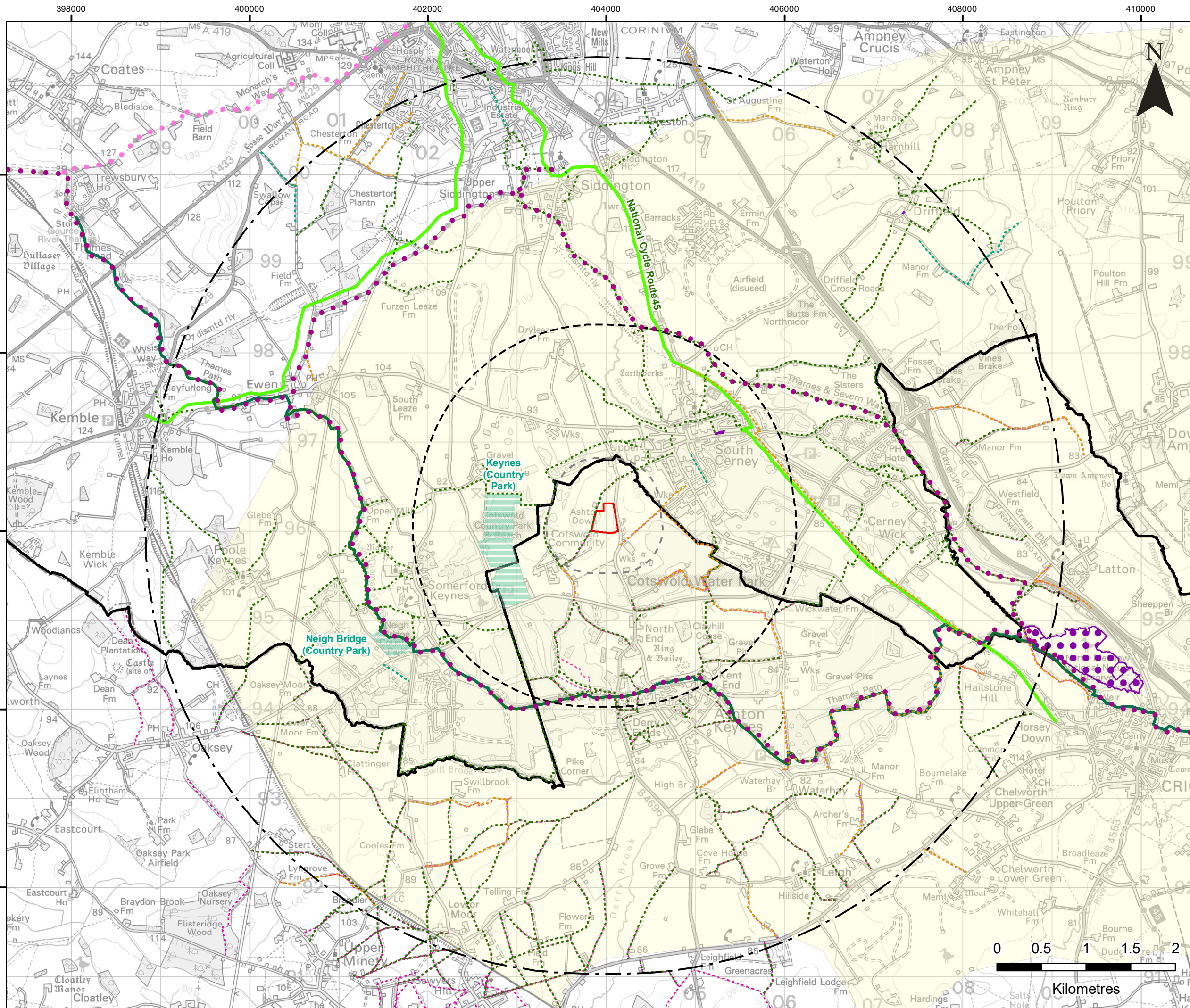
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LANDSCAPE

LANDSCAPE PLANNING CONTEXT

FIGURE 4

Scale 1:40,000 @ A3 Date APRIL 2023



LEGEND

- Site Boundary
- Site Boundary 500 m Buffer
- Site Boundary 2 km Buffer
- Landscape Study Area (5 km)
- Local Authority Boundary
- PRoW - Bridleway
- PRoW - Footpath
- PRoW - Byway
- Long Distance Route - Monarch's Way
- Long Distance Route - Thames & Severn Way
- National Trail - Thames Path
- National Cycle Route
- Country Park
- CRoW / Open Access Land
- Wiltshire Core Strategy, adopted January 2015
- Cotswold Water Park Functional Boundary



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EH12 9DH

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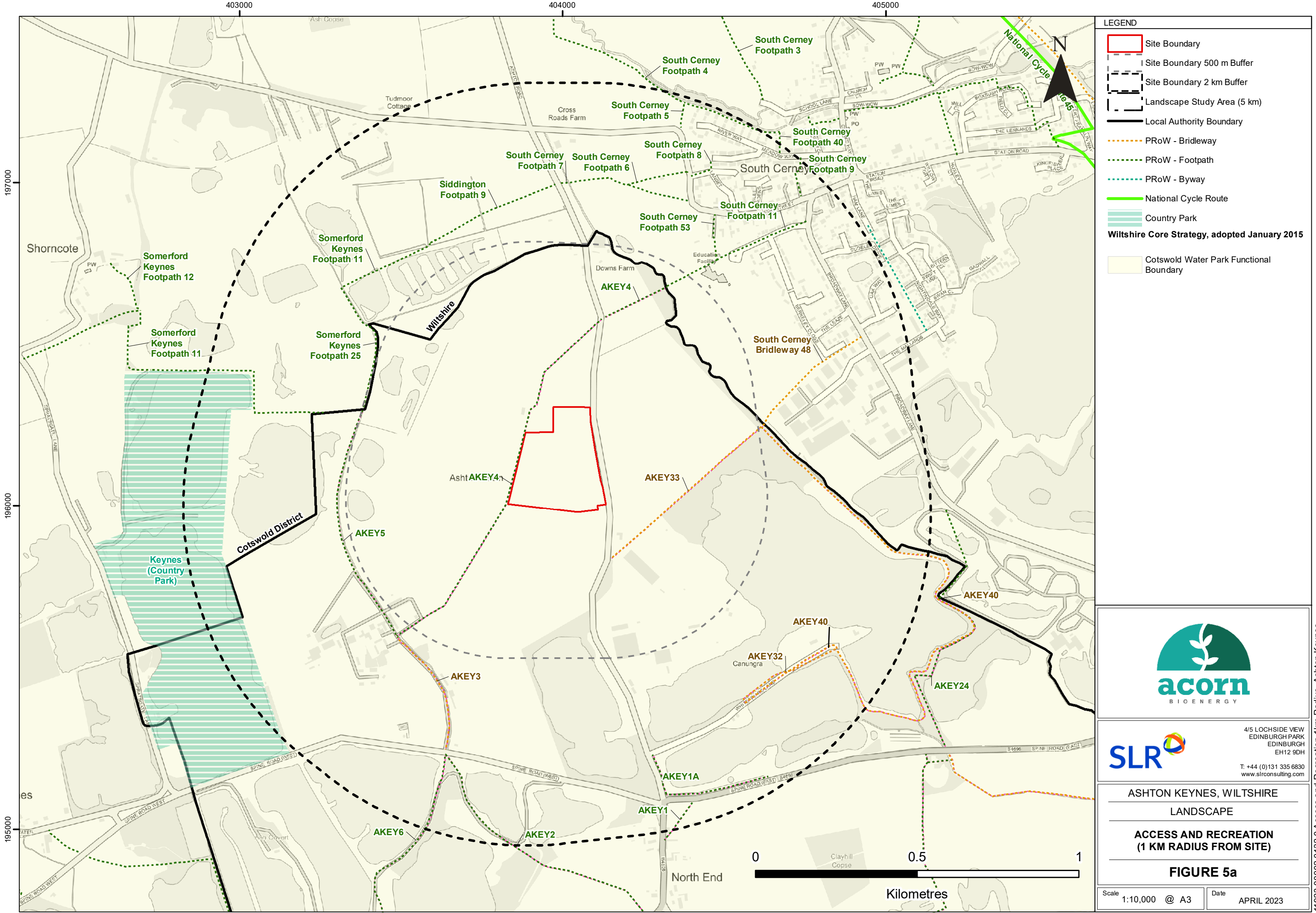
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LANDSCAPE

ACCESS AND RECREATION

FIGURE 5

Scale 1:40,000 @ A3 Date APRIL 2023



LEGEND

- Site Boundary
- Site Boundary 500 m Buffer
- Site Boundary 2 km Buffer
- Landscape Study Area (5 km)
- Local Authority Boundary
- PRoW - Bridleway
- PRoW - Footpath
- PRoW - Byway
- National Cycle Route
- Country Park
- Wiltshire Core Strategy, adopted January 2015
- Cotswold Water Park Functional Boundary





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LANDSCAPE

ACCESS AND RECREATION
(1 KM RADIUS FROM SITE)

FIGURE 5a

Scale 1:10,000 @ A3

Date APRIL 2023