THE USE OF DIGITAL TOOLS IN ASSESSING IMPACTS ON THE HISTORIC ENVIRONMENT

HISTORIC ENVIRONMENT SCOTLAND | ÀRAINNEACHD EACHDRAIDHEIL ALBA

HISTORIC ENVIRONMENT SCOTLAND AND EIA

We are the **lead public body** set up to investigate, care for and promote Scotland's **historic environment**.

We are identified through regulations as a '**Consultation Body**' in the preparation and review of Environmental Impact Assessment (EIA) Reports.

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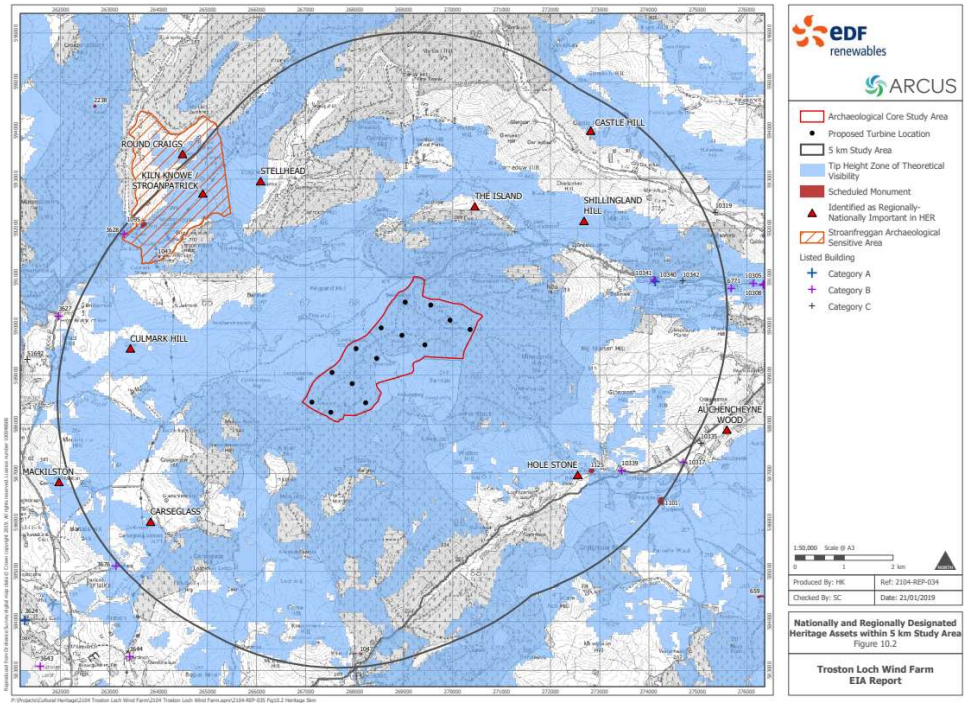
THE TREND FOR **DIGITAL** IN EIA

FROM ZTV MODELLING TO FULLY DIGITISED EIA REPORTS

Digital technology has been used increasingly in the assessing and reporting of environmental impacts.

Some tools we are already familiar with.

The trend has toward Digital has been accelerated with COVID-19 restrictions.



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THE TREND FOR DIGITAL IN EIA

THE SCOTTISH GOVERNMENT'S DIGITAL STRATEGY

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DIGITAL AS A CONSULTATION TOOL

WHERE CAN DIGITAL MAKE A DIFFERENCE?

Digital platforms can make EIA more accessible, engaging and user friendly for consultees and the public.

They can create efficiencies and reduce paper waste.

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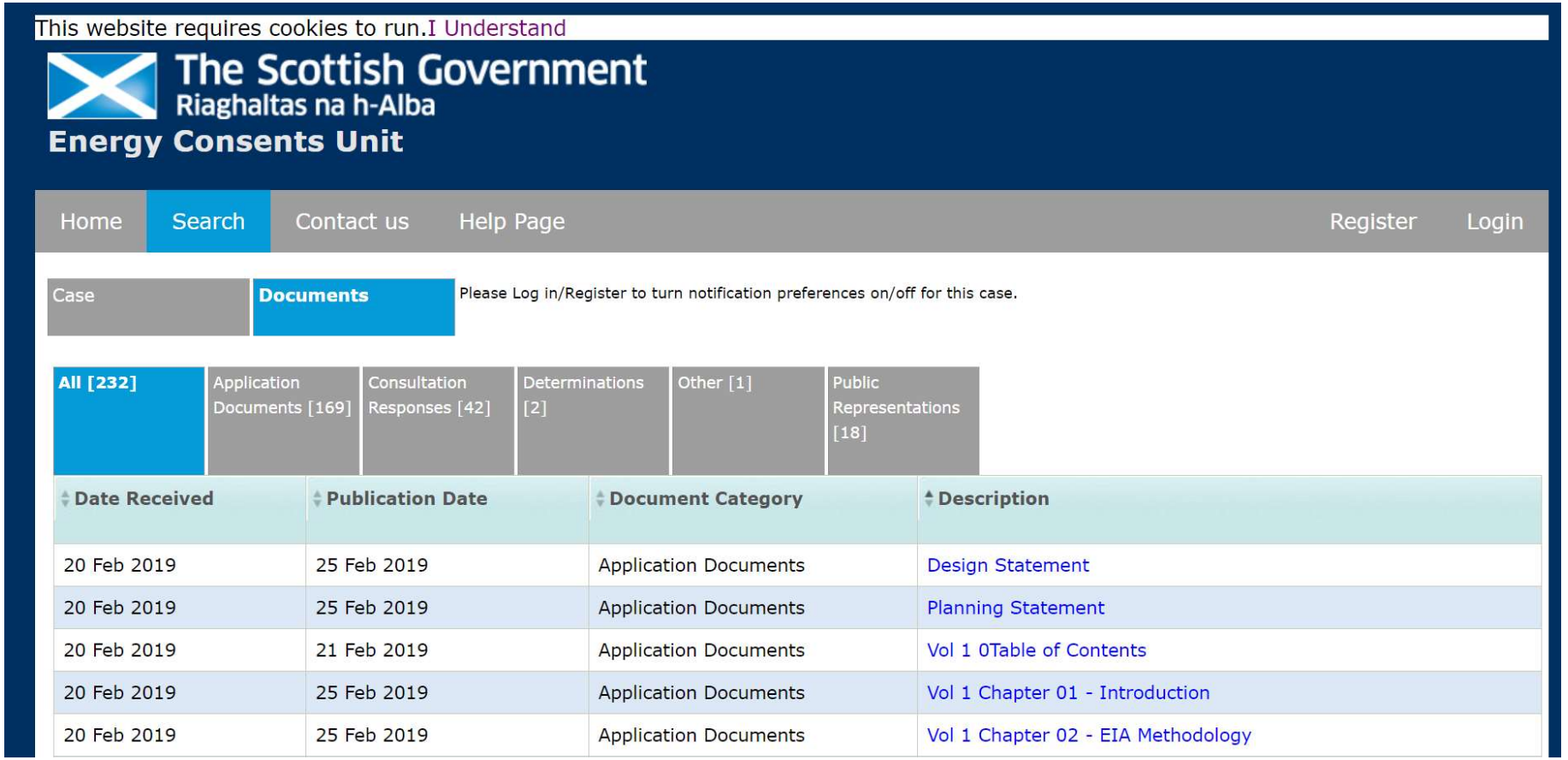
ON-LINE PLANNING PORTALS



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The Scottish Government
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Case | **Documents**

Please Log in/Register to turn notification preferences on/off for this case.

All [232] | Application Documents [169] | Consultation Responses [42] | Determinations [2] | Other [1] | Public Representations [18]

Date Received	Publication Date	Document Category	Description
20 Feb 2019	25 Feb 2019	Application Documents	Design Statement
20 Feb 2019	25 Feb 2019	Application Documents	Planning Statement
20 Feb 2019	21 Feb 2019	Application Documents	Vol 1 0Table of Contents
20 Feb 2019	25 Feb 2019	Application Documents	Vol 1 Chapter 01 - Introduction
20 Feb 2019	25 Feb 2019	Application Documents	Vol 1 Chapter 02 - EIA Methodology

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CROSS TAY LINK ROAD (CTLR)

DIGITAL EIA SCOPING REPORT

CTLR EIA Scoping Report

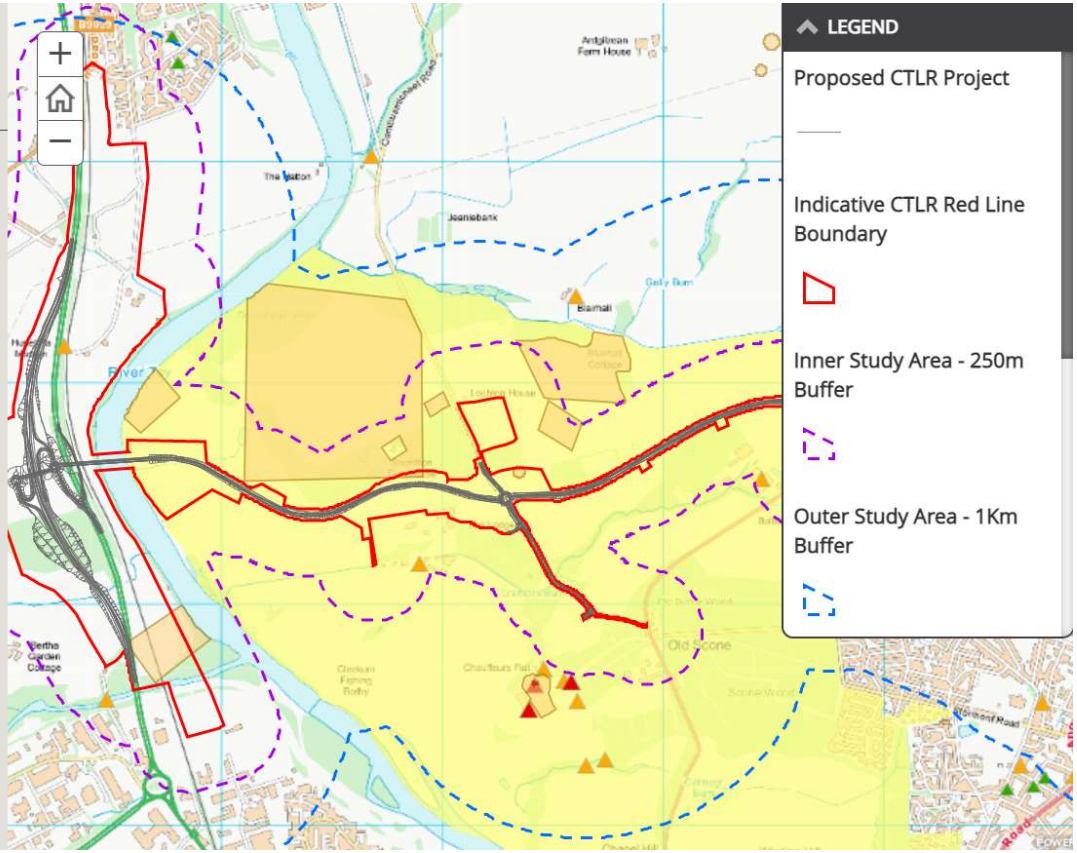
SWECO

Cultural Heritage

Baseline Conditions

Within the CTLR Project study area there are Category A, B and C listed buildings (which are predominately concentrated in Scone Palace and Scone) and there are scheduled monuments scattered throughout the study area. *Please see the map to the right and use the + to zoom in. Please click on each attribute for more information.*

Within 250m of the CTLR Project there are approximately 50-60 previously recorded non-designated heritage assets; 10 of which lie within the limits of the indicative Red Line Boundary (RLB), mainly within the area immediately east of the River Tay. The distribution of cultural heritage assets along the route reflects that within the wider landscape, with the greatest density of heritage assets to the east of the River Tay. Fewer assets are located in the central section of the Project. There are no recorded assets within the eastern sections of the CTLR Project.



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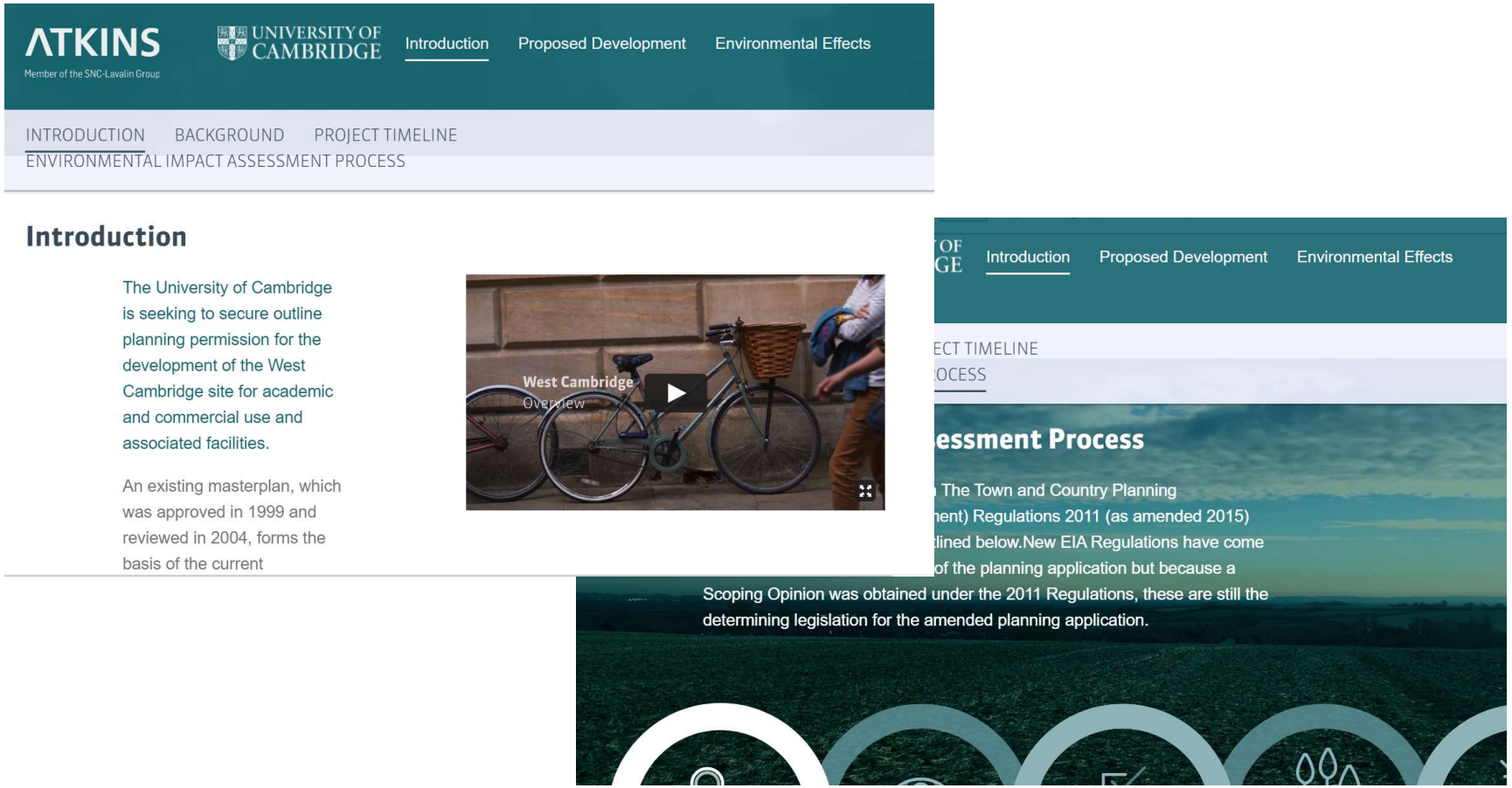
WEST CAMBRIDGE MASTERPLAN

DIGITAL EIA REPORT (NTS)



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ORKNEY TRANSMISSION INFRASTRUCTURE PROJECT
VIRTUAL REALITY VISUALISATIONS

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DIGITAL AS AN ASSESSMENT TOOL

WHERE CAN DIGITAL TECHNOLOGY AID ASSESSMENT OF IMPACTS ON THE HISTORIC ENVIRONMENT?

Digital technology can also be helpful in understanding and assessing impacts on the historic environment.

We have seen new tools which can assist with this.

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SCOPING POTENTIAL IMPACTS

DIGITAL DOWNLOADS

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Home **Search** **Downloads**

Portal

Welcome to the Historic Environment Portal, where you can search for records, comment on designation proposals and scheduled monument consent applications in progress, and download datasets.

Following the Scottish Government's announcement our sites in mainland Scotland are closed. Find out more

Search

Search for designation records, scheduled monument consent applications, and decisions. It is important to read our

Downloads

GIS datasets, feeds and web services.

More about us

Find out about places to visit, learning resources and Historic Environment Scotland news.

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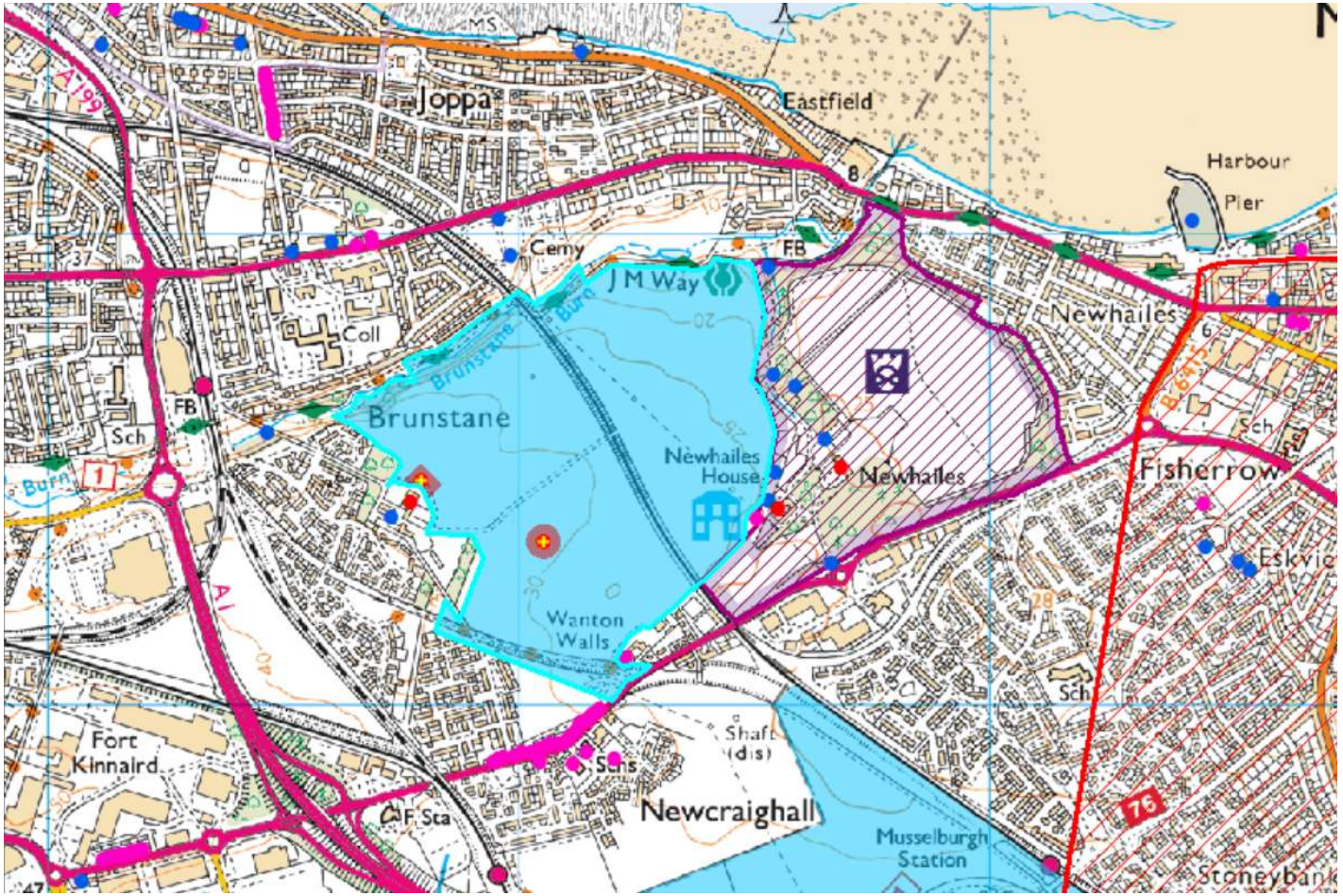
SCOPING POTENTIAL IMPACTS

DIGITAL MAPPING – ARCGIS



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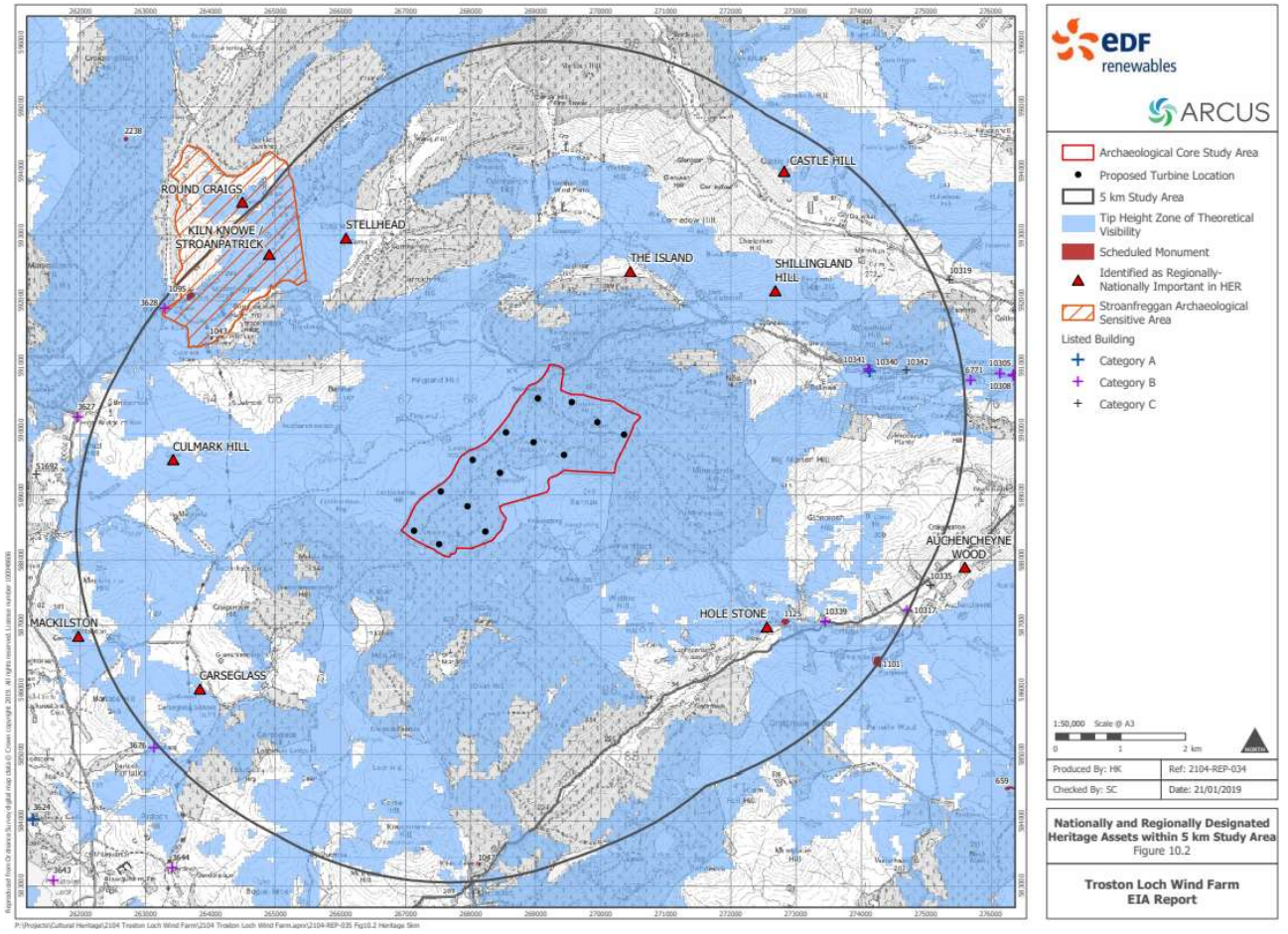
SCOPING POTENTIAL IMPACTS

COMPUTER MODELLING – ZTV INFORMATION



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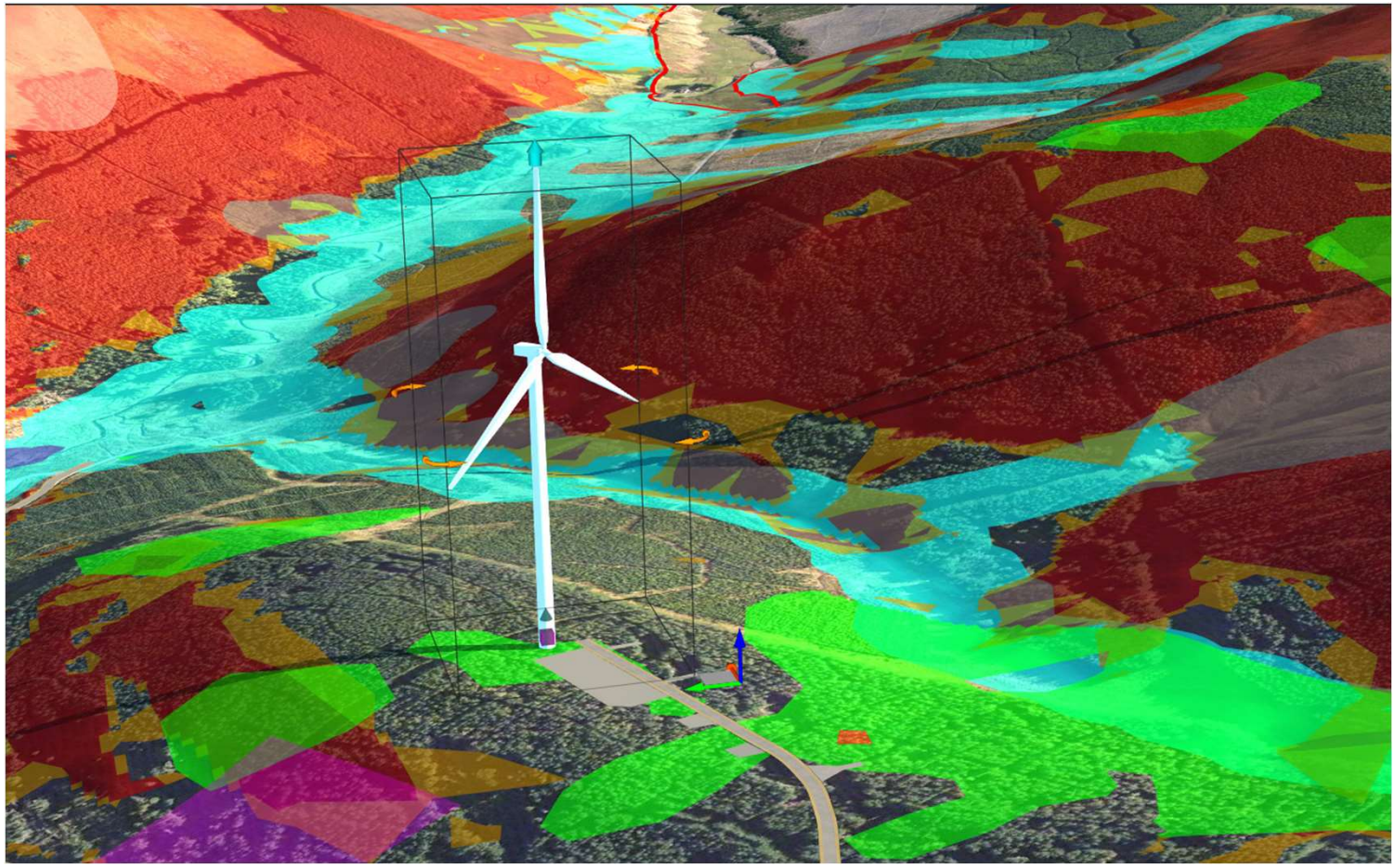
SCOPING POTENTIAL IMPACTS

WINDFARM MODELLING – AUTODESK INFRAWORKS



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SCOPING POTENTIAL IMPACTS

WINDFARM MODELLING – AUTODESK INFRAWORKS

ASSESSMENT OF IMPACTS

VIRTUAL REALITY & FLYTHROUGH VISUALISATIONS

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ASSESSMENT OF IMPACTS

VIRTUAL REALITY & FLYTHROUGH VISUALISATIONS

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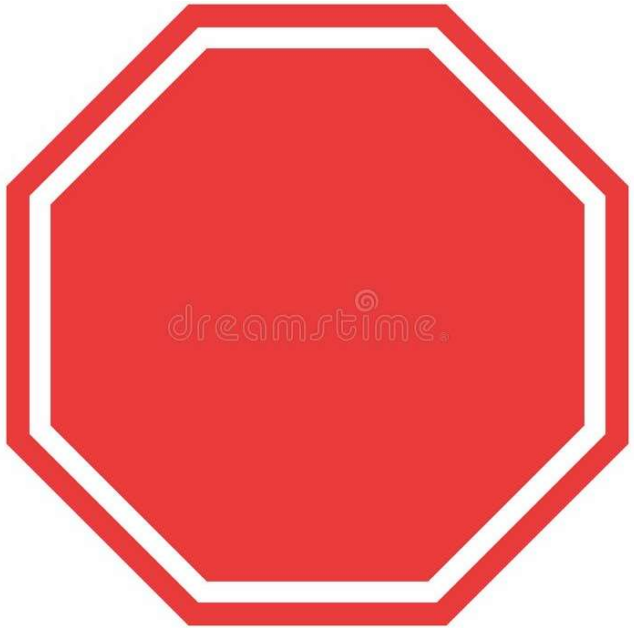
NOTES OF CAUTION

- **Automation cannot replace professional judgement!**
- **Accuracy of Data / Standardisation**
- **Presentation of Environmental Information**
- **Access and Security**
- **Inequalities**



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ANY QUESTIONS?

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