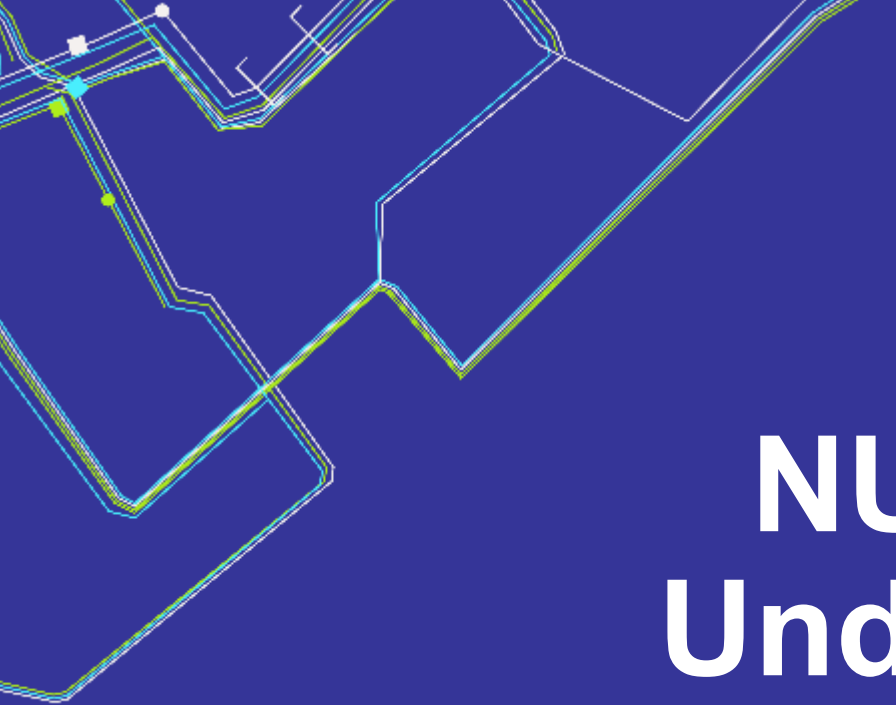




NUAR – National Underground Asset Register

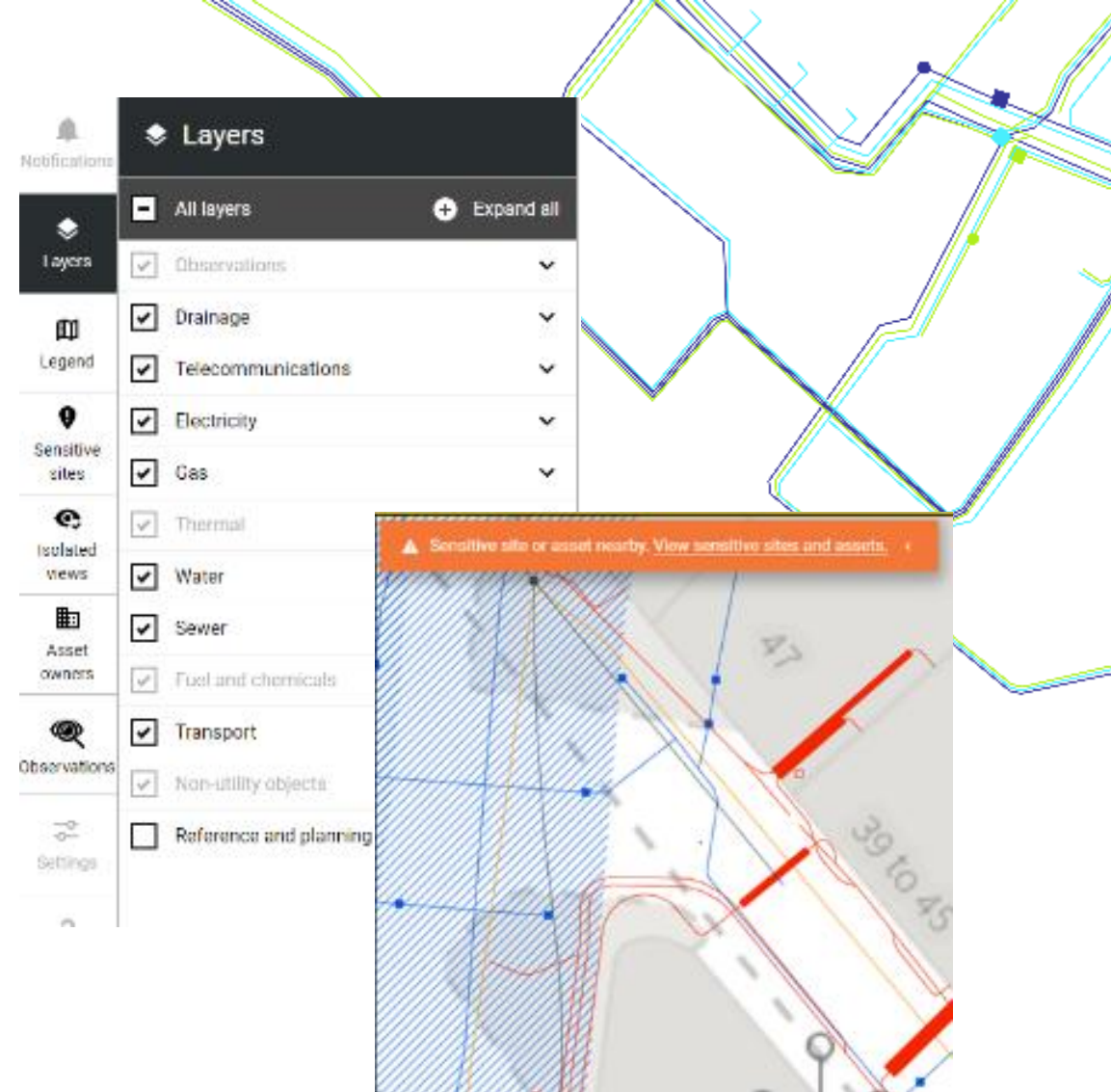
NUAR
National Underground
Asset Register



CECA Exeter Safe Digging "Let's Make a Difference"

What is NUAR?

- NUAR is a **government digital service** which provides **instant access** to a map of the **underground pipes and cables** for authorised users in **England, Wales** and **Northern Ireland**.
- Improving the **efficiency** of the way we **install, maintain, operate and repair** our **buried infrastructure** by providing **secure access** to data from **public** and **private sector asset owners**.



What challenges is NUAR solving?

Challenge:

Over 4 million km's of buried pipes and cable in UK held by ~600 asset owners



Solution



Data available in a single place

60,000 accidental strikes per year with estimated **annual cost of £2.4bn**



Supports Safe Dig process

Access to Asset Owner data take **more than 6 days**



Instant access, anywhere

Data is supplied in different formats and styles



Standardised data and styling





NUAR in numbers

So far:

- **Over 400** asset owners' data published
- **Over 3.2 million kms** of pipes and cables published
- **80%** of known underground assets mapped

Who can use NUAR

1. **Asset owners** who operate in England, Wales or Northern Ireland.
2. The **authorised street works contractors**.

Government Digital Service (GDS) plans to broaden access to NUAR in 2026-2028. The current proposed user groups are:

- Additional user groups for safe digging
- Emergency services
- Asset owners for core business use
- Public sector bodies



Much more than a map... all about connections



Standardise

...data from 600+ asset owners



Secure

...data shared through the platform to safeguard and protect against misuse



Streamline

...data sharing between asset owners and those planning and carrying out excavations



Support

...improvement in data quality through missing or erroneous data being fed back



Safety

...improvements for workers through better access to data

Operational

Run at scale

No cap on the number of users

Can be used as a tool to refer to plans

Remains accessible only to asset owners
and authorised street works contractors

Information on NUAR complements your
processes

Users must continue to follow all applicable
laws and guidance (HSG47)

The data in NUAR represents only the data
supplied by participating Asset Owners



The platform

The screenshot displays the GOV.UK NUAR web application. The top navigation bar includes the GOV.UK logo, the text 'NUAR', and links for 'Home', 'Map', 'My saved bookmarks', and 'Sign Out'. Below this is a search bar with a magnifying glass icon, a 'Search' button, and an 'Edit AOI' button. A 'Bookmarks and sharing' dropdown menu is also present. On the left sidebar, there are icons for 'Notifications', 'Layers', 'Legend', and 'Isolated Views'. The 'Legend' panel is expanded, showing a list of symbols for 'Electricity' assets: a red hatched rectangle for 'Sensitive asset (approximate)', a red rectangle for 'Overground site', a red square for 'Underground site', a red dot for 'Property change', a red line for 'Cross-section', a red square with a dot for 'Underground point asset', a red rectangle with a dot for 'Overground point asset', and a red line with a dot for 'Underground line asset'. The main map area shows a street map with various colored lines and shapes representing these assets. A red hatched circle highlights a specific area. A scale bar at the bottom left indicates '20 m'. The bottom right corner of the map area contains the text 'Contains OS data © Crown copyright and database rights 2022'.

Companies using NUAR





Thank you