

# NUAR in a Nutshell – an update

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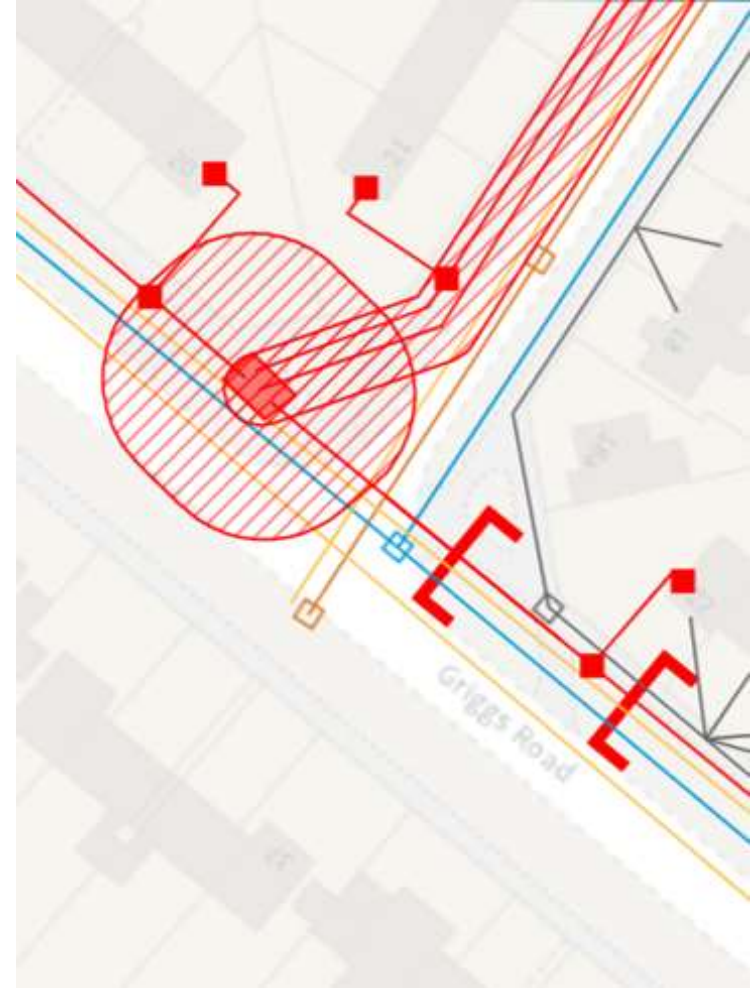
# Why do we need NUAR?

- Over 4 million kms of buried pipes and cables in the UK
- A hole is dug every seven seconds, with c. 60,000 accidental strikes per year
- The estimated economic cost of this is £2.4 billion a year
- Asset owners are legally required to make their data available for free, and do so continually
- Planners and excavators need the data to do their jobs safely and efficiently, but data is held by over 650 organisations
- Excavators most often request data from 6-10 organisations, with it provided in different formats, scales and to varying timeframes
- On average 6.1 days to request, receive and prepare the data for a single project



# What is NUAR?

- NUAR is an interactive, digital map of underground pipes and cables
- It will revolutionise the way we install, maintain, operate and repair our buried infrastructure
- NUAR's economic benefits are estimated to be £490 million per year...consisting of efficiencies, reduced asset strikes, and reduced delays to the public and businesses
- NUAR also improves worker safety by reducing the number of accidental asset strikes



# What will NUAR do?



## Standardise

...data from 650+ 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

# MVP available across England & Wales

- Core functionality for 'safe dig' use case
- Covers the whole of England and Wales
- Data from 247 organisations, with 215 others progressing
- Available to fully onboarded asset owners and their suppliers
- Does not replace HSG47



# Discovery project

- In response to stakeholder requests, a discovery project has been commenced to explore the additional value and feasibility of making NUAR data:
  - Available to other user groups for safe digging purposes
  - Available to support other use cases
  - Accessible via third party intermediaries / APIs
- Numerous constraints and risks
- Collaboration with stakeholders is critical
- *Contact: [NUAR.Support@atkinsrealis.com](mailto:NUAR.Support@atkinsrealis.com)*



# Legislative reform

- Updates to existing legislation are being sought to ensure workers have immediate access to all the data they need, when they need, through NUAR
- Measures will ensure that:
  - Workers have access to comprehensive data
  - The service is sustainable, funded by those that benefit most
  - The value of NUAR can be maximised, where appropriate



# Summary

NUAR is now available as an MVP across England and Wales, and will be available in Northern Ireland by Spring 2024, before being fully operation by the end of 2025.

A new discovery project has commenced to explore potential market opportunities and increase benefits - get in touch!

Updates to existing legislation are being sought to maximise value to workers and citizens.

