NUAR update

UKOPA

27th February 2024

The platform

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

Geospatial Commission

Why do we need NUAR?

- 4 million kilometers of buried pipes and cables in the UK

- 4 million holes dug every year

- c. 60,000 accidental strikes per year

- Planners and excavators need the data to do their jobs safely and efficiently

- Data is held by over 650 organisations

- Asset owners are legally required to make their data available for free to statutory undertakers

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Timeline

2018	2019-20	Sep 2021	Mar 2023	Spring 2024	End 2025
Geospatial Commission established	Pilot projects completed	NUAR build programme starts	Platform MVP operational in North East England, Wales and London	Platform MVP operational in rest of England and Northern Ireland	Platform fully operational
NUAR research phase starts	Preparation phase starts				
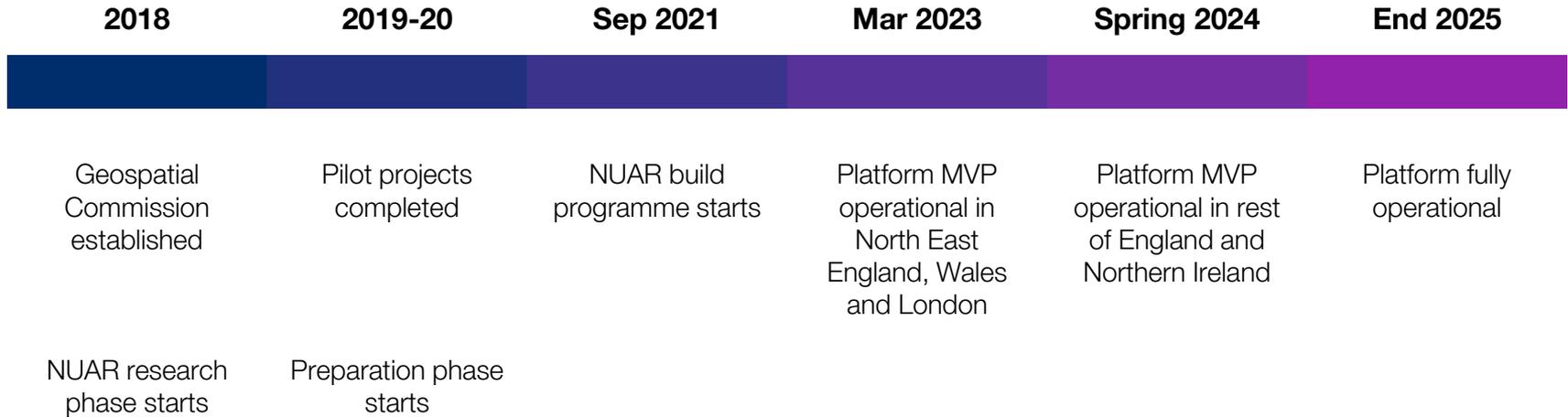
Growing participation*

- 650+ asset owners engaged across England and Wales

- 373 Data Exploration Agreements (DEAs) signed

- 252 organisations' data uploaded to NUAR

- 215 datasets' transformations agreed

- 223 Data Distribution Agreements (DDAs) signed

* Data correct as of 18 February 2024

MVP live April 2023
MVP live August 2023
MVP live November 2023
MVP live spring 2024
Scottish Community Apparatus Data Vault

Legislation

- *Data Protection and Digital Information Bill 2024*
  ([NUAR page 182](#)) including amendments to the New Roads and Street Works Act 1991.

National Underground Asset Register

138 National Underground Asset Register

(1) After section 106 of the New Roads and Street Works Act 1991 insert—

"**PART 3A**

NATIONAL UNDERGROUND ASSET REGISTER: ENGLAND AND WALES   5

The register

106A National Underground Asset Register

(1) The Secretary of State must keep a register of information relating to apparatus in streets in England and Wales.

Costs

- Data transformation period until September 2024

- Simple zero-cost data upload; transformed by 1Spatial

- NUAR cost model under development

Geospatial Commission

An exciting new discovery project

The National Underground Asset Register (NUAR) is an interactive digital map of underground pipes and cables, currently available to underground asset owners and their supply chain to support the 'safe dig' use case.

However, the Geospatial Commission are now exploring **the potential benefits of widening access to NUAR and the constraints surrounding new propositions**.* This could include making NUAR available to other groups for safe digging; to support other use cases; or via third party interfaces.

Email nuardiscovery@atkinsrealis.com with ideas that could be explored and to register your interest in participating in the process.

*Ideas will only be taken forward where they are found to be technically feasible, of value, and have the wide support of asset owners and national security stakeholders.

Geospatial Commission

Access

- Asset owners and their supply chain

- Once data has been uploaded, we grant access to Administrators of each organisation

- Feedback and beta-testing

- Quarterly updates – NUAR in 60 sessions

- September 2024 launch

UKOPA members onboarded

Thank you

Follow the latest on NUAR on:

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Find out more about NUAR:

GOV.UK

Contact our onboarding team:

Asset owner onboarding form

Geospatial Commission