

# UK National Access Point

## Introduction

Previously the UK has concentrated on providing transport data via its [data.gov.uk](https://data.gov.uk) information portal. However, in 2018, the Department for Transport decided that the opening and sharing of data would enhance local authority operations by improving data for their systems, improve customer experience through better information, and encourage innovation. The DfT decided that the best way to do this was to extend the current European regulatory framework which covers the TEN-T strategic road network only to consider the potential for cataloguing all data relating to infrastructure, attributes and operations for all roads in England.

## DfT/Transport Systems Catapult Scoping Study

On this basis, in June 2018, the UK Department for Transport (DfT) commissioned the Transport Systems Catapult (TSC) to undertake a high-level review of the status of the National Access Point (NAP). This review set out to help support the outline business case of a UK roads-based open data catalogue.

The objectives of the review were to:

- Present a detailed status update of the progress the UK has made in support of an outline business case;
- Provide gap analysis for a UK NAP in terms of: compatibility, inter-operability and continuity for the deployment and operational. Informing a UK National requirement capture supporting the outline business case;
- Advise on any identified compliance issues with the delegated regulation requirements for NAP – such as licensing, permissions of usage etc. and relative design implications;
- Advise expansion of NAP's capabilities in the wider sense, requirements and roadmap to lead in the field, future aspirational innovation potential EU event attendance for the purposes of gaining a detailed understanding on the approach being taken by other Member States, inversely projecting UK activity and interest levels to the EU
- Develop an outline business case to allow the DfT to enact follow on activity as required

In August 2018 the DfT and TSC carried out extensive UK stakeholder interviews and a survey exercise to capture their thoughts and desirable NAP features. The initial scope was limited to providing a detailed focus on road-based transport.

The scoping study project completed in December 2018. A copy is attached as Annex A.

The feasibility study demonstrated a clear user-need for a UK NAP.

## National Access Point Discovery and Alpha

In Q1 2019/20 DfT decided to proceed with the detailed design of a data catalogue, for all roads and all roads-based data, and which will far exceed the requirements of the EU ITS delegated acts for the TEN-T road-based NAP.

We commissioned a Discovery and Alpha under Agile principles to establish and refine the user needs and design the implementation of both the front-end service (i.e. the web data catalogue) and the back-end process, including data governance arrangement. This will provide the full design specification for the implementation of the roads-based data

catalogue for England. The procurement was offered via the UK's Digital Marketplace<sup>1</sup> and a £137,800 contract was awarded to FutureGov in November 2019.

As of January 2020, the contract is progressing with a target end date in March 2020.

### **Devolved Administrations**

In parallel with the above work, we have established a STREETWISE sub-group to coordinate the UK national road authorities for meeting the EU ITS Directive delegated act requirements and coordinate the NAP developments. The group is mapping what road data services the devolved administrations collect and publish and this will be developed to show UK compliance with the with the EU ITS Directive delegated regulations and the NAP.

The Group will also become the focus for coordinating the UK national roads deployment of C-ITS and the requirements for the C-ITS Delegated Regulation, recently adopted by the European Commission.

### **Multi-modal travel information**

The English roads-based data catalogue is potentially the first stage development towards a national transport data catalogue. The design specification will ensure that the design specification meets the capability for the EU ITS Directive including the multi-modal travel information delegated act. In doing so, the specification will give consideration to related workstreams currently being undertaken by the DfT.

### **Rail**

The Office of the Rail Regulator has developed a data catalogue of key data systems and data sets that are maintained on behalf of the rail industry. This catalogue, currently containing almost 100 entries, has been produced in collaboration with colleagues from across Network Rail, Rail Delivery Group, Rail Safety and Standards Board and the DfT.

### **Bus**

Through the Bus Services Act 2017 and the bus open data regulations, the DfT is currently in the process of developing the Bus Open Data Digital Service to improve passengers' access to accurate journey information. The open data requirements will be phased in stages with route and timetable data being required first from early 2020 and followed in 2021 by fares and location data and finally complex fares data in 2023.

The legislation requiring bus operators to comply with Bus Open Data regulations will be laid during Summer 2019 and will come into effect during 2020. The first set of requirements, to publish route and timetable data, came into effect from 7 January 2020; this first year will be considered a transitional period and operators will be encouraged to start publishing data as early as possible. Further requirements to publish basic fares data and location data will come into effect from 7 January 2021 and followed by requirements to publish complex fares data from 7 January 2023.

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<sup>1</sup> <https://www.digitalmarketplace.service.gov.uk/digital-outcomes-and-specialists/opportunities/10463>