



Department  
for Transport

## Bus Open Data: Progress Update (June 2020)

Driving the digital transformation of the bus industry



# Bus Open Data Progress Update

## Key successes

- Timetables public beta service launch in Jan 20 and supporting big 5 to publish.
- Stagecoach, Go Ahead and Arriva datasets now on Find Bus Data Site. First in progress and NE later in 2020
- TXC profile now complete and socialised with industry. Omnibus creating export and validator for Sept 2020
- Test site for publication of location data now launched and 9 operators publishing data onto test site
- Development of SIRI VM profile for BODS nearing completion and documentation in development.
- NaPTAN improvements project underway with over 17 authorities receiving updated NaPTAN datasets
- BODS Extensions commenced to provide a Reporting and Analytics platform for BODS
- The SI was laid in Parliament on 13 May 2020 and Commons debate on 16 June went well. Lords later in June

## Key challenges

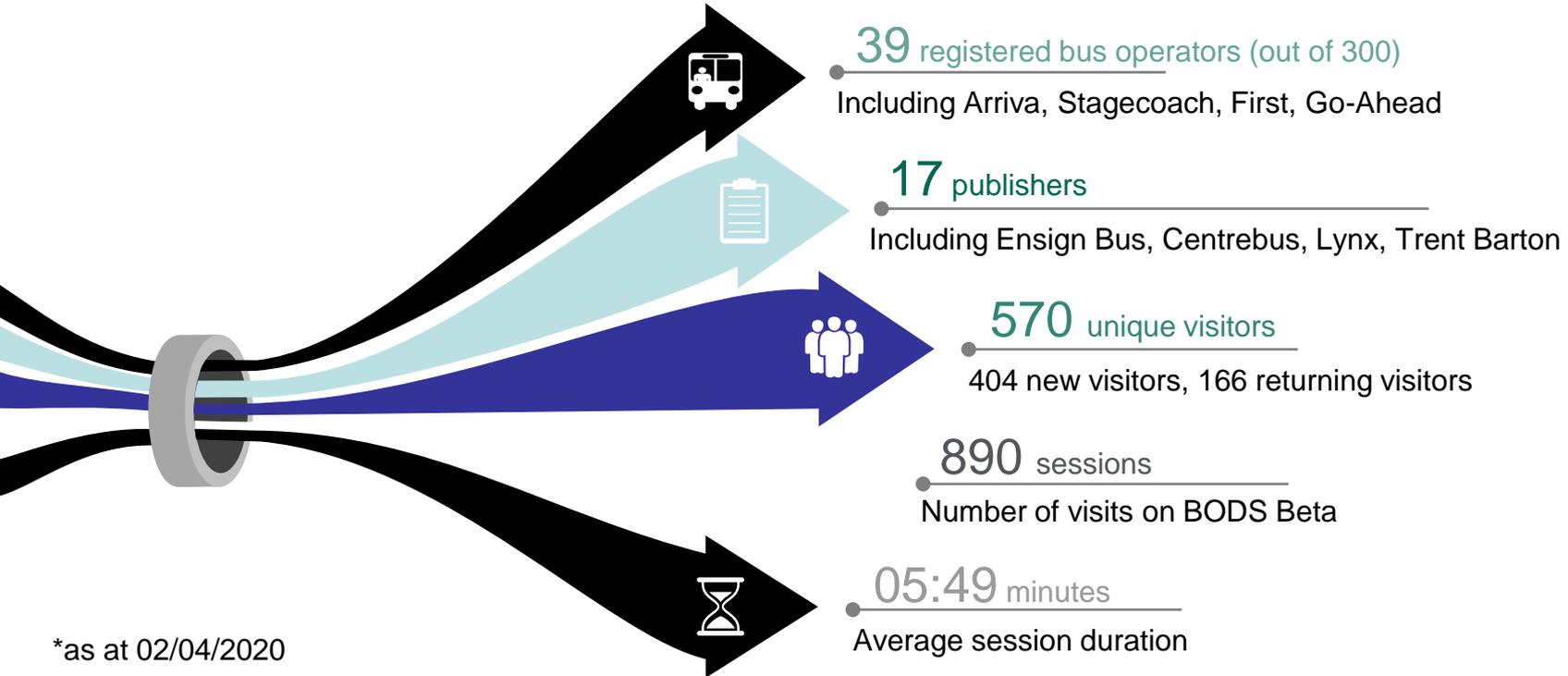
- COVID-19 impact on UX work (local authorities) and programme resource generally
- Impact on Public Beta BODS enhancements for example delivery of agent mode (needed for small ops)
- Timetable data publishing limited for some operators due to staff being furloughed (National Express)
- Business change activities limited due to social distancing and so BODS BC Team will cover 2021
- All other stakeholders engagements also affected by social distancing and so completed remotely
- Fares generally challenging as first EU wide implementation of NeTEx for fares so limited industry expertise

## Calls to Action

- If you have received an updated NaPTAN dataset but not yet uploaded it, please do upload it
- Please email [rory.miles@kpmg.co.uk](mailto:rory.miles@kpmg.co.uk) if your LTA requires an updated NaPTAN dataset
- If you have received but not yet completed an LTA operator audit form, please complete it and return to [seye.abiodun@dft.gov.uk](mailto:seye.abiodun@dft.gov.uk)
- For any of you supporting smaller operators and using Omni software, can you ensure that your operators have access to the their TXC files to upload to BODS when we send out invites
- Do support your operators to provide their location data feeds to BODS test site



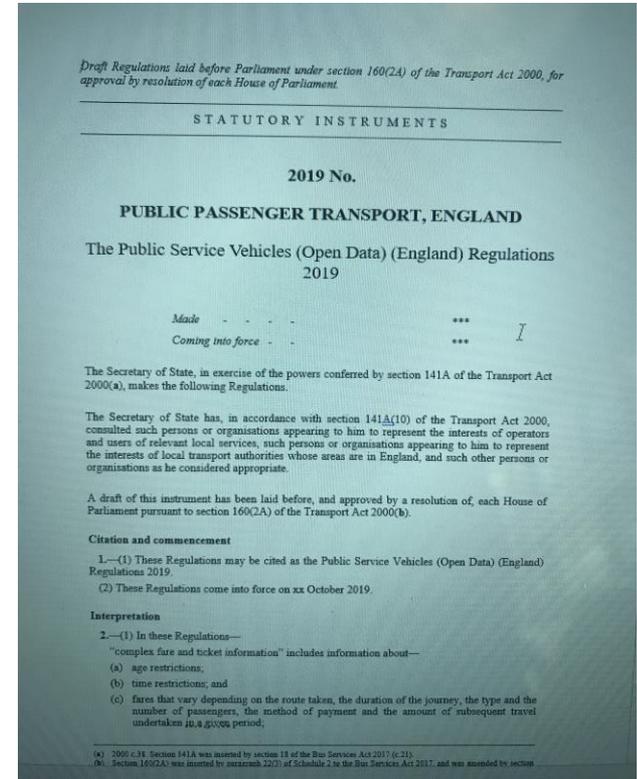
# BODS Summary Statistics



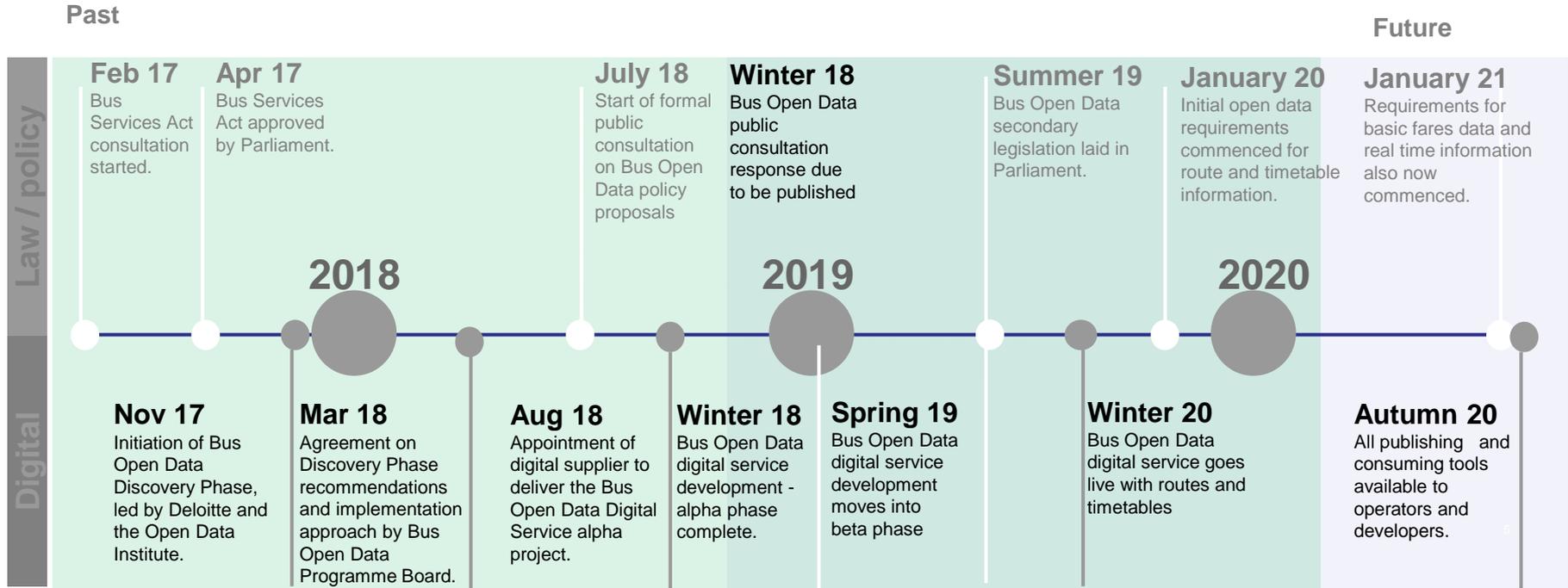
\*as at 02/04/2020

# Bus Open Data Regulations

- The PSV (Open Data) (England) Regulations were laid in the House on Wednesday 13 May 2020.
- Regulations subject to the affirmative procedure and must be debated in both Houses and if the opposition require, voted on, to pass through
- The Commons debate was on 16 June 2020 and Lords debate date is scheduled for 29 June 2020. Podcast link [here](#):
- The Hansard link for the debate transcript can be found [here](#)
- Once debated, voted upon and approved, the regulations will be made during July 2020 ahead of Summer recess.
- The regulations will legally require bus operators to publish data to set standards (TXC, NeTeX and NaPTAN) and profiles, by set dates.
- Enactment of enforcement dates to be confirmed with the Office for the Traffic Commissioner
- Development of Second Edition of Implementation Guidance covering fares and locations data, commences from July 2020.



# Bus Open Data Route Map



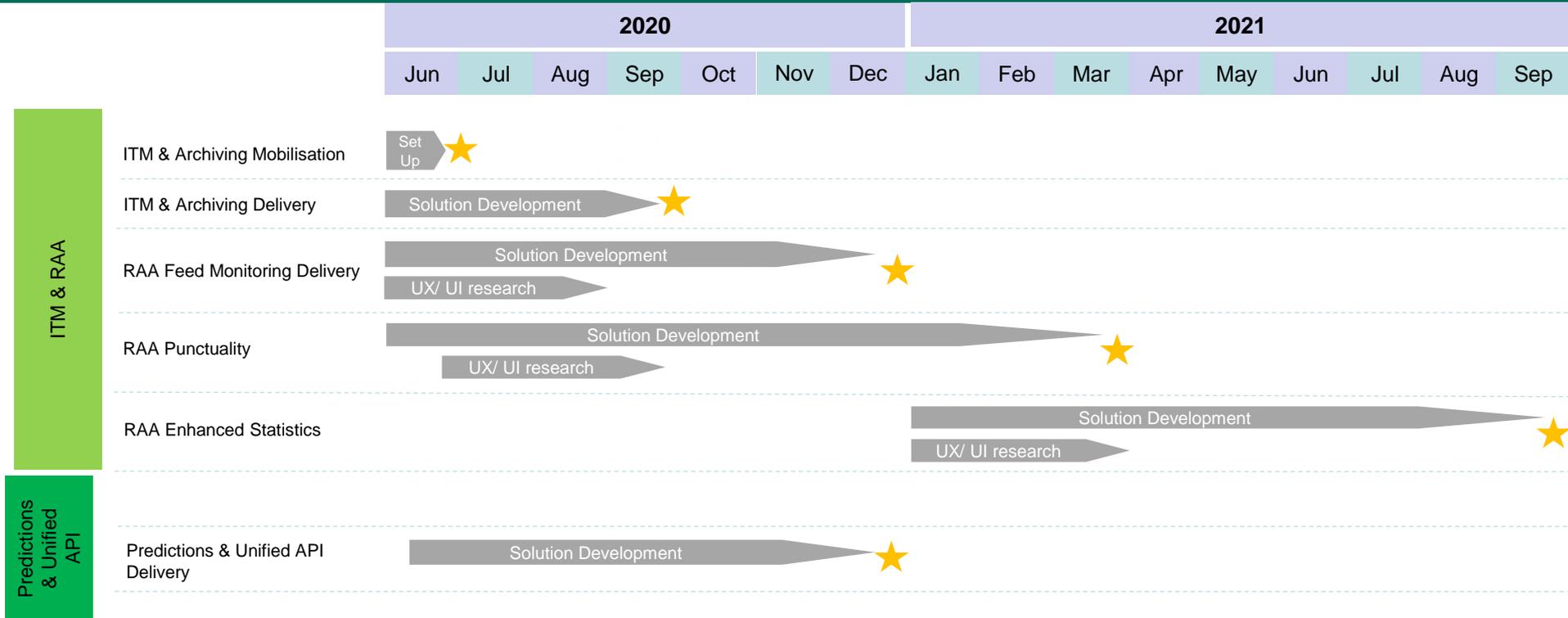




**The Bus Open Data Service is being extended to include two additional modules: an Integrated Transit Model and a Reporting, Analytics and Archiving Service.**

- BODS ability to ingest timetable data in multiple TransXChange versions/formats during transitional period (2020-2022) (Integrated Transit Model)
- BODS ability to export harmonised TXC, GTFS and NeTEx to support data consumers and app developers (Integrated Transit Model)
- BODS ability to ingest location data in multiple SIRI formats given the time requirements for operators to adapt their technology. (Integrated Transit Model)
- BODS ability to export harmonised location data as GTFS RT for application developers, to drive innovation and deliver passenger benefits (Integrated Transit Model)
- BODS ability to provide historic punctuality reports for operators, based on location data, to meet statutory punctuality reporting requirement (Reporting & Analytics)
- BODS ability to support location data feed monitoring to facilitate compliance monitoring by DVSA which is otherwise challenging due to dynamic nature of the data (Reporting & Analytics)
- BODS ability to support automation of manual data capture and survey mechanisms (STS) using location data feeds to drive digital transformation across DfT family (Reporting & Analytics)

# BODS Extensions Delivery Roadmap



# BODS Extensions: Industry Collaboration

The BODs Extensions will also be delivered in collaboration with the relevant user groups.

Some examples of how we have collaborated include:

- Roundtable event and 121s with data consumers
- Requirements gathering with DfT Stats Teams
- Requirements gathering with DVSA Compliance Examiners

Some examples of how we will collaborate include:

- Local authority user research sessions to explore LTA network analysis and punctuality requirements
- Data Consumers sessions to explore predictions and api requirements (and analytics as an enhanced feature)
- DVSA/OTC sessions to continue to explore location data feed monitoring and punctuality reporting requirements
- DfT Stats sessions to explore data capture requirements
- Bus Operator sessions to explore punctuality reporting and location data feed monitoring requirements



Go-Ahead



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# Thank you....

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