

ITF Working Group on Big Data & Open Data

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Background

- National Statistical Offices and other public data providers are facing a number of challenges:
 - Rising budgetary pressure to meet information needs
 - Need to minimise reporting burdens
 - Declining response rates from traditional approaches (e.g. surveys)
 - Strong demand from data users for more timely information
- Amount and diversity of data generated from the digitalisation of transport and public services
- Ubiquitous use of smartphones/ mobile devices with internet access and the rise of social media
- Potential for a paradigm shift in how and for what purpose these data sets could be used in transport policy

Introduction

- Big and open data seen as solution to fill data gaps and to provide detailed information more efficiently and timely
- This WG is intended to assist member countries in leveraging and curating big data and open data by exploring:
 - Recommendations for a partnership framework for data sharing between the private and the public sector
 - Based on case studies describing existing partnerships member agencies have entered into and the lessons learnt
 - Further input from structured interviews with key stakeholders on views on and experiences with data sharing partnerships
 - Plus extensive literature reviews on related topics, incl. data validity

Objectives

- Provide guidelines to assist member countries in establishing data sharing partnerships between the private and public sector
- Describe and consider topics related to e.g. data governance, data curating, cybersecurity, privacy/ confidentiality protection
- Assist member countries in developing methodology to leverage big data and open data with appropriate level of statistical vigor
- Key data sets of interest in relation to public-private partnerships for data sharing identified by the group include the following:
 - Efficiency: network reliability/ resilience
 - Safety: near misses
 - Environment: emissions

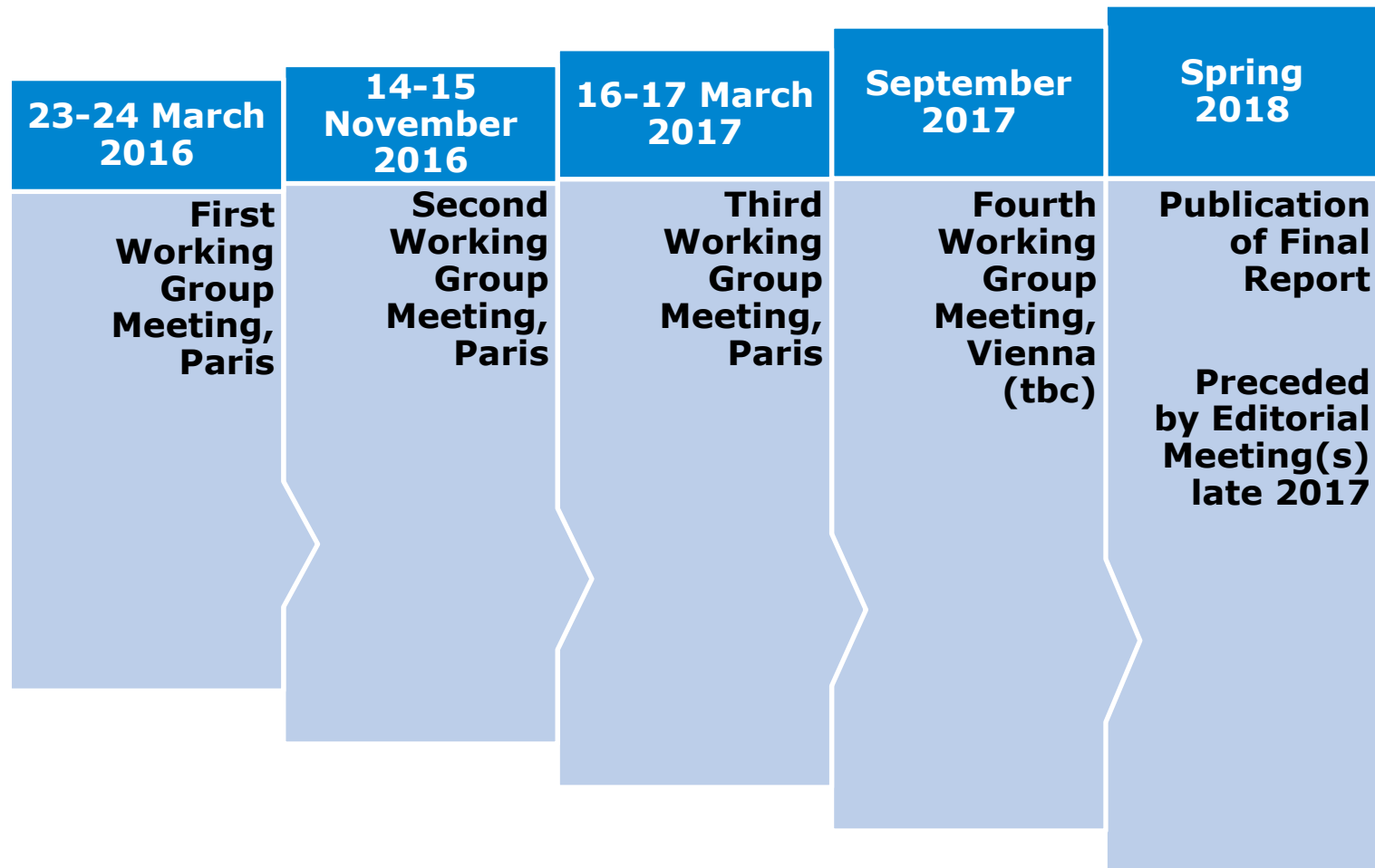
Working Group Members

- Countries
 - USA (Chair)
 - Canada
 - UK
 - Netherlands
 - Germany
 - Austria
 - France
 - Norway
 - Finland
 - Greece
 - Italy
- Organisations
 - UNECE
 - SEETO

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Timeline



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