Supporting new policies and initiatives through data sharing arrangements with platforms

Prof. Alain Strowel (UCL-USLB-KUL)

Enguerrand Marique (PhD Candidate – UCL)

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Agenda

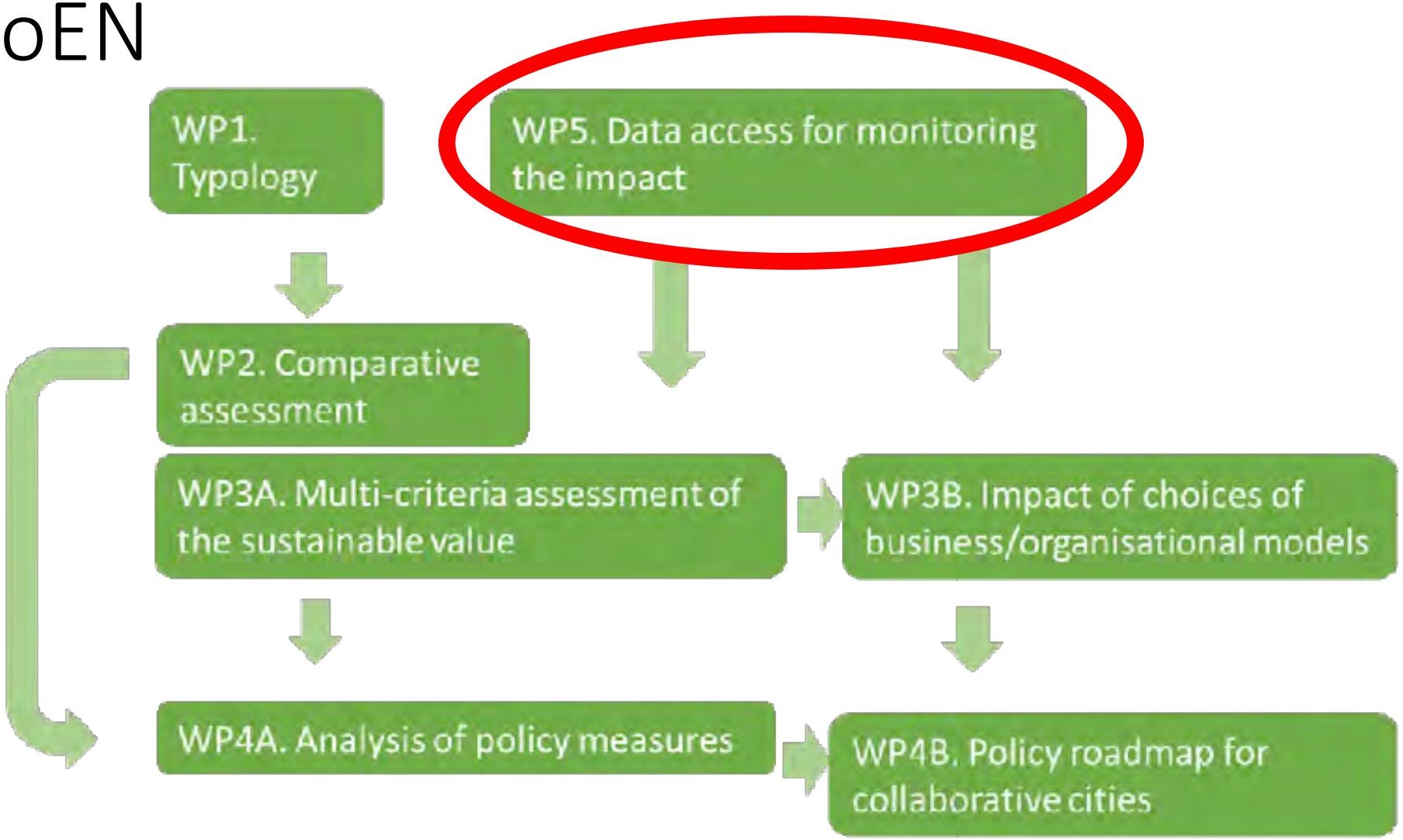
- Aim of the future research
- Issue
- Methodology
- Hypotheses

Harnessing data for better policy in a collaborative city

- Data driven decision making (public and private sector)
- Example, use of data for transport and mobility
  - Innovation in traffic/transport management for mobility and sustainability
  - Multimodality (optimal use of the various transport facilities)
  - Unexpected innovative uses of data?
- Role of collaborative platforms in feeding those developments: how to improve access and sharing of useful data?

- To be hired: 1 researcher to explore the problem

City4coEN



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Issue: data and mobility

- Access to data
- London
  - TfL (Transport for London)
  - Uber
  - Waze

Issue : data and mobility

Transport for London

- New data-based initiatives: TfL Transparency Strategy
  - The Strategy explains our commitment to transparency, which starts with a presumption that all our information should be made publicly available (and, in the case of data, provided in machine readable form), unless there are legitimate reasons why not - for example, disproportionate cost, personal data or information which would harm our ability to maximise value for money for customers and tax payers.
  - “The strategy includes TfL’s open-data feeds, which are freely available to a community of more than 12,000 developers. More than 40 per cent of Londoners use an app or website powered by data to plan their journeys ranging from live bus times and location to information on air quality and walking times between TfL stations.”
  - New consultation of Sept. 2017

TRANSPORT FOR LONDON | Plan a journey | Status updates | Maps | Fares & payments | More...

Open data users

OPEN DATA USERS

All public TfL data (or 'open data') is freely released here for developers to use in their own software and services. We encourage software developers to use these feeds to present customer travel information in innovative ways - providing they adhere to the transport data terms and conditions.

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Transport for London

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Transport for London

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Data collection

Transport for London

- Private hire license in London
  - Collection of itineraries
- Greyball
  - Deceptive use of data
  - Targeted against public authorities
- Refusal of License renewal
  - Bargain: fines and… sharing more data!

Data pooling: Waze

Transport for London

- Waze offers real-time information to TfL
- TfL offers planned interruption information (*e.g.* road works, public events, etc)
- No money exchange: data against data
- Improved mobility flows
  - Also in Florida, in Brazil

Obstacles to improved sharing of data

- Reluctance of private operators (platforms) to share?
- Legal issues such as personal data protection as an excuse?
- Lack of adequate licensing arrangements?
- Lack of standards (API) for easy access and sharing of data?
- No real interest by new players in accessing the data (awareness)?
- Lack of resources to manage the data abundance?
- Others?

Methodology

1. Expert interviews
   - Identification : E.g. Open Cities and Commons for Europe; Medellin, Seoul, Boston, Amsterdam, Helsinki experiences

2. Legal analysis
   - Data protection (GDPR)
   - Proposal for a regulation on a framework for the free flow of non-personal data in the European Union (COM(2017)495, Sept. 2017)
     + Contract law approach
     + Property law approach
     + Administrative law approach

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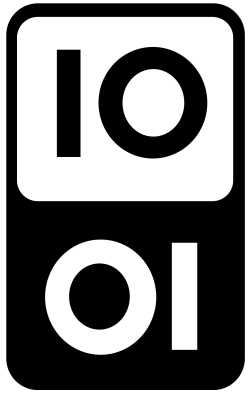
Hypotheses – Nature of required data

- Typology of data ?
  - Personal data
  - Open data
  - Technical/Industrial data
- Identifying « Sensitive data » ?
  - GDPR
  - Trade secrets

Hypotheses – Public management of data

- Data as a common ?
- Pooling data ?
  - “Public-private partnerships”
  - Co-regulation
- (Open) licenses ?
  - License ouverte (France) – A Brussels model?
  - What to be exchanged ?



Hypotheses – Modalities

- Purposes of data ?
- RGDP
  - Anonymization/ Aggregation?
- Proposal for a regulation on a framework for the free flow of non-personal data in the European Union (COM(2017)495, Sept. 2017)
- Data portability?
  - What format ?
  - Comparability/Accessibility

Thank you for your attention!

Questions?

Continue the discussion on rosels.eu

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