

Non-traditional data sources for statistics - introduction

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FCSM Research & Policy Conference

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Agenda

- 1. Emissions and Ship Traffic** – Dominik Rozkrut, Statistics Poland
- 2. Nowcasting Global Poverty** – Daniel Gerszon Mahler, World Bank
- 3. Creation of a Composite Quality Indicator for Estimates Based on Administrative Data Using Clustering** – Roxanne Gagnon, Statistics Canada
- 4. Non-traditional data and statistics – some general aspects** – Maciej Truszczynski, Statistics Denmark
- 5. Discussion, wrap up and conclusions**

Landscape

- Many ongoing initiatives to produce statistics with ‘non-traditional’ data sources.
- Some major ‘groups’ of data that form the basis for the calculations: geospatial, AIS, mobile phone, scanner.
- Different grades of implementation across countries and organizations – still initial phase.
- No ‘plug and play’ methodology and databases to be used by countries – some initiatives with the UN global platform and regional hubs
- The crucial aspect of quality assurance – projects conducted in different countries.

Perspective of a statistical institute

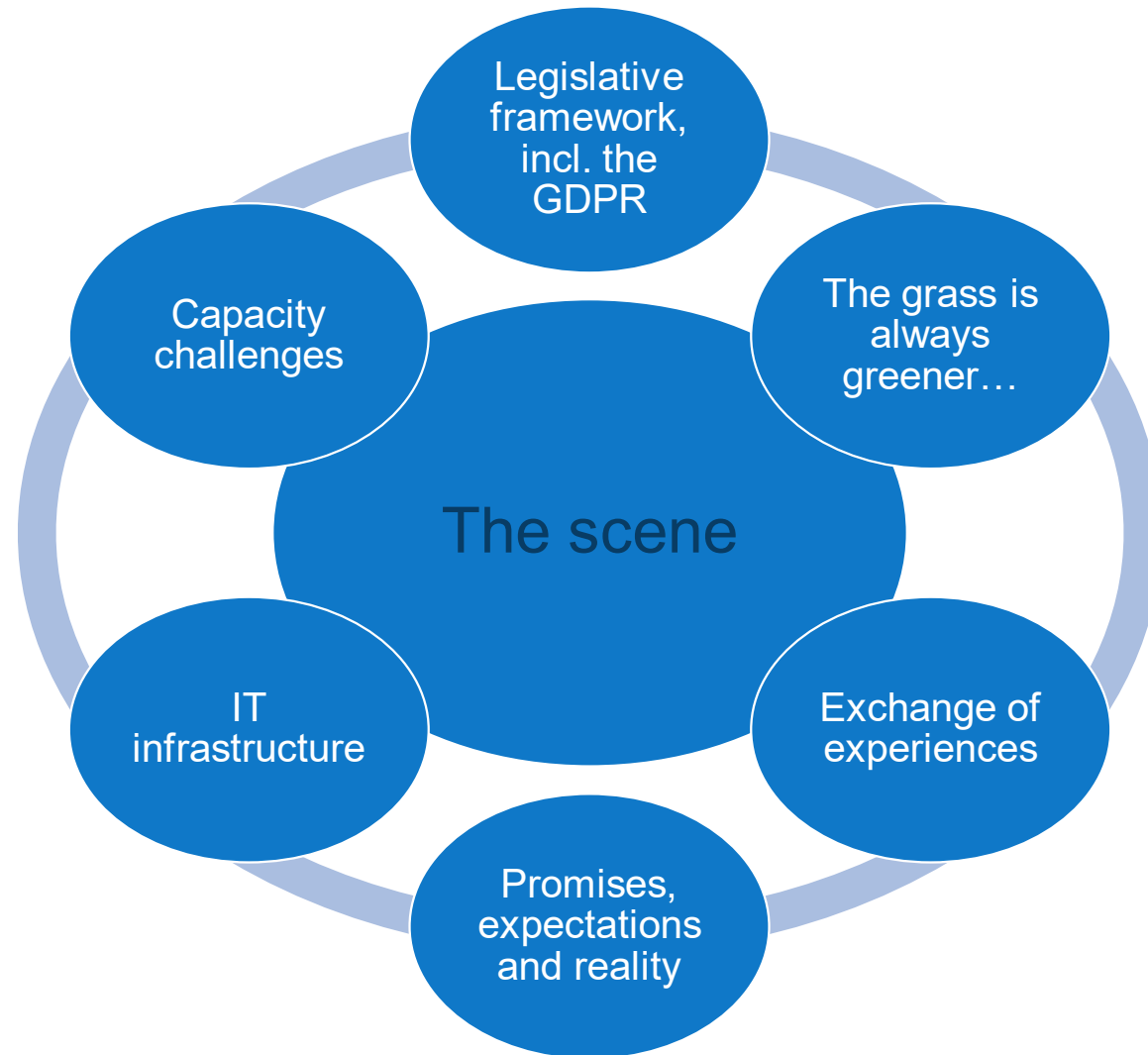
- National statistical institutes are subject to various requirements regarding data production and quality.
- Different quality frameworks to be complied with: UN Fundamental Principles, European Statistics Code of Practice...
- Examples of requirements: professional independence; impartiality and objectivity; coherence and comparability.
- Citizen generated data and production of statistics: a possible way forward. However, more analysis and adjustment need to be conducted.

Non-traditional data sources for statistics – some general aspects

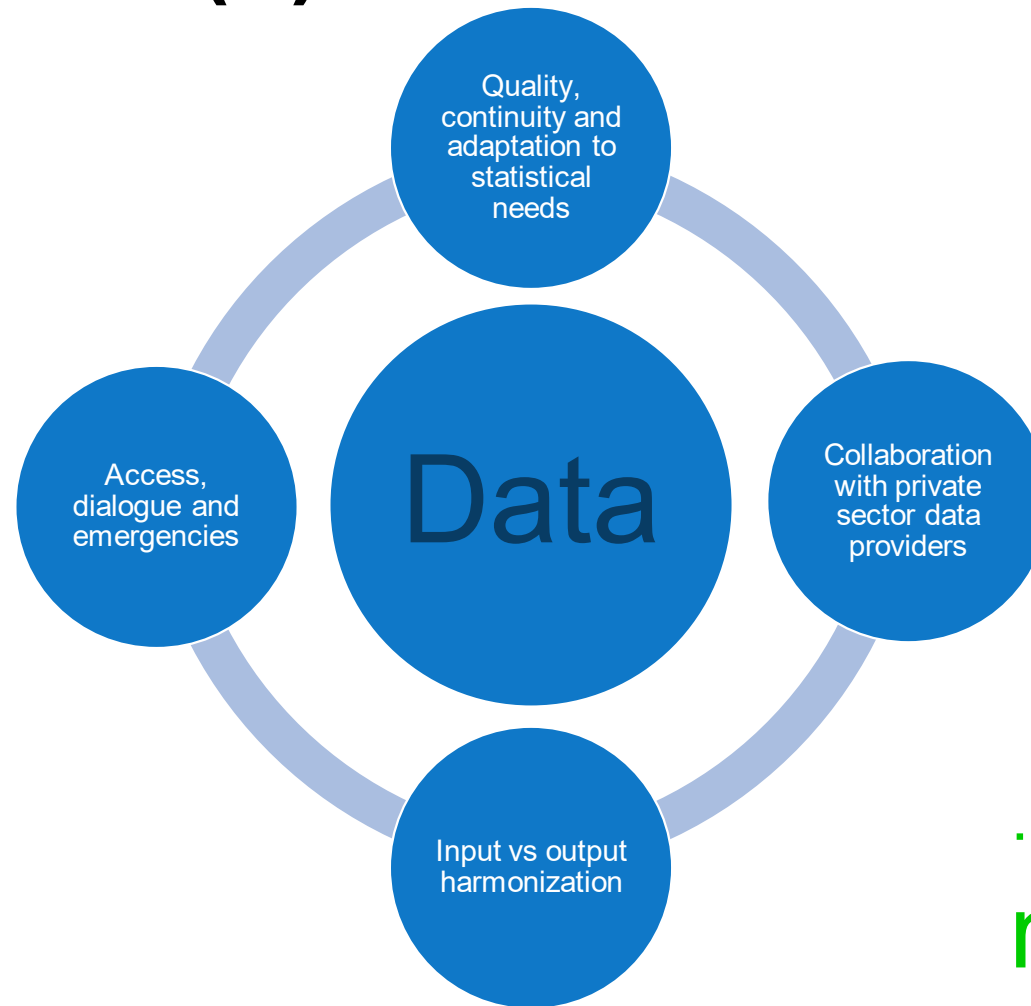
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General aspects (1)



General aspects (2)



...can we afford
not to go in this
direction?

Thank you