



Measuring Digital Trade

Getting the basic data

Carsten Olsson

**Eurostat, G4 Innovation and Information Society
European Commission**

G20 initiative on Digital Trade

Ministerial Declaration of 6-7 April 2017

- *§2, Digital Economy significant role in economic development, enhance productivity, ...*
- *§3, Full and active participation by governments, private sector, civil society, technical community, and international organizations,...*
- *§3, multistakeholder process, inclusive, transparent and accountable [...] in achieving the digitally connected world*
- *... [potential] ...*
- *§20, G20 members **commit to** work towards a common understanding and **improved measurement of Digital Trade** to foster **informed and evidence based policymaking** in this area*

G20 – Priorities on Digital Trade

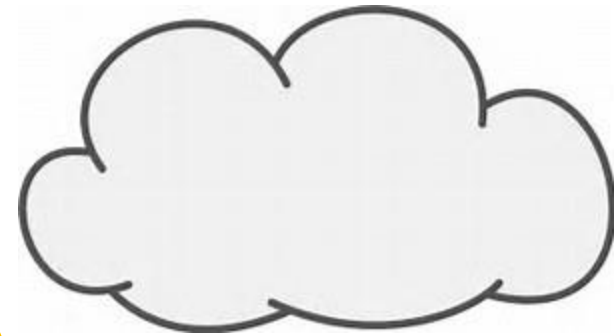
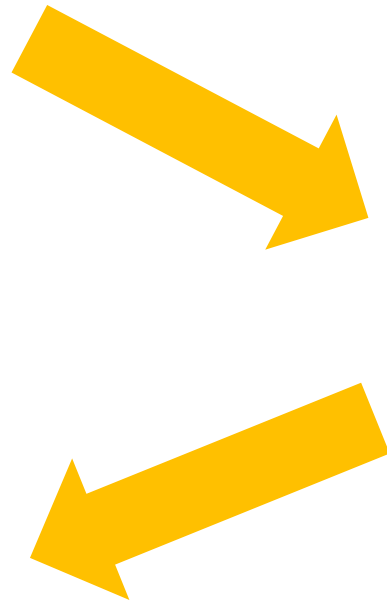
(Annex 3)

- *Share common objective to foster informed evidence based policy-making [...] reliable data are critical*
- *Several challenges including definitions, scope, collection of basic and new sources of reliable data, ... framework, ...*
- *Encourage TFITS to actively engage with **statistical agencies**, as well as **business community**, to develop proposals for **efficient reporting systems***



- Legal / contractual
- Monetary
- Physical (services?, reprocessing?)

Transaction information



G20 – Efficient reporting systems

- *Getting basic data*
 - **Data collection/survey**
- *Burden on respondents*
 - **enterprises, intermediaries, consumers**
- *Confidentiality*

G20 - Efficient reporting systems Burden

- *Traditional surveys*
 - **Well-established, expensive (total burden)**
- *Targeted surveys of Internet platforms/intermediaries*
 - **Strong IT infrastructure**
 - **Data Analytics is part of business model**
 - **Statistical needs are small**
 - **Burden**
 - Setup – may require resources; standards?
 - Running costs – insignificant

G20 - Efficient reporting systems

Confidentiality

- *Confidentiality*
 - **Protect businesses and business models**
 - **Aggregated data; Non-identifiable (frequently coinciding at aggregate level); Verifiable**
 - **National reporting, with possibility for statistical community to construct flows across borders**

G20 - Efficient reporting systems

Way forward

Recall

- **Evidence based policies benefit all stakeholders**
- **Statistical confidentiality enshrined in legislation**

Key issues

- *Burden - targeted data collection*
 - ***Is there a need for common standards for statistical reporting (to lower burden)?***
- *Engaging in discussions with industry on confidentiality*
 - **How to protect businesses and business models while serving policy purposes**