# ITU-T FG-DPM: The Way Forward

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# ITU-T FG-DPM Meetings (1)

1st meeting: 17-19 July 2017 (Geneva)

2nd meeting: 20-25 October 2017 (Geneva)





3rd meeting: 19-23 February 2018 (Brussels)

4th meeting: 1-3 May 2018 (Cairo)

# FG-DPM Meetings (2)

5st meeting: 17-20 September 2018 (Tunis)

6th meeting: 14-18 January 2019 (Seoul)





7th meeting: 3-7 April 2019 (Geneva)

8th meeting: 15-19 July 2019 (Geneva)

# ITU-T DPM Workshops

1st workshop: 19 February 2018 (Brussels, EC)
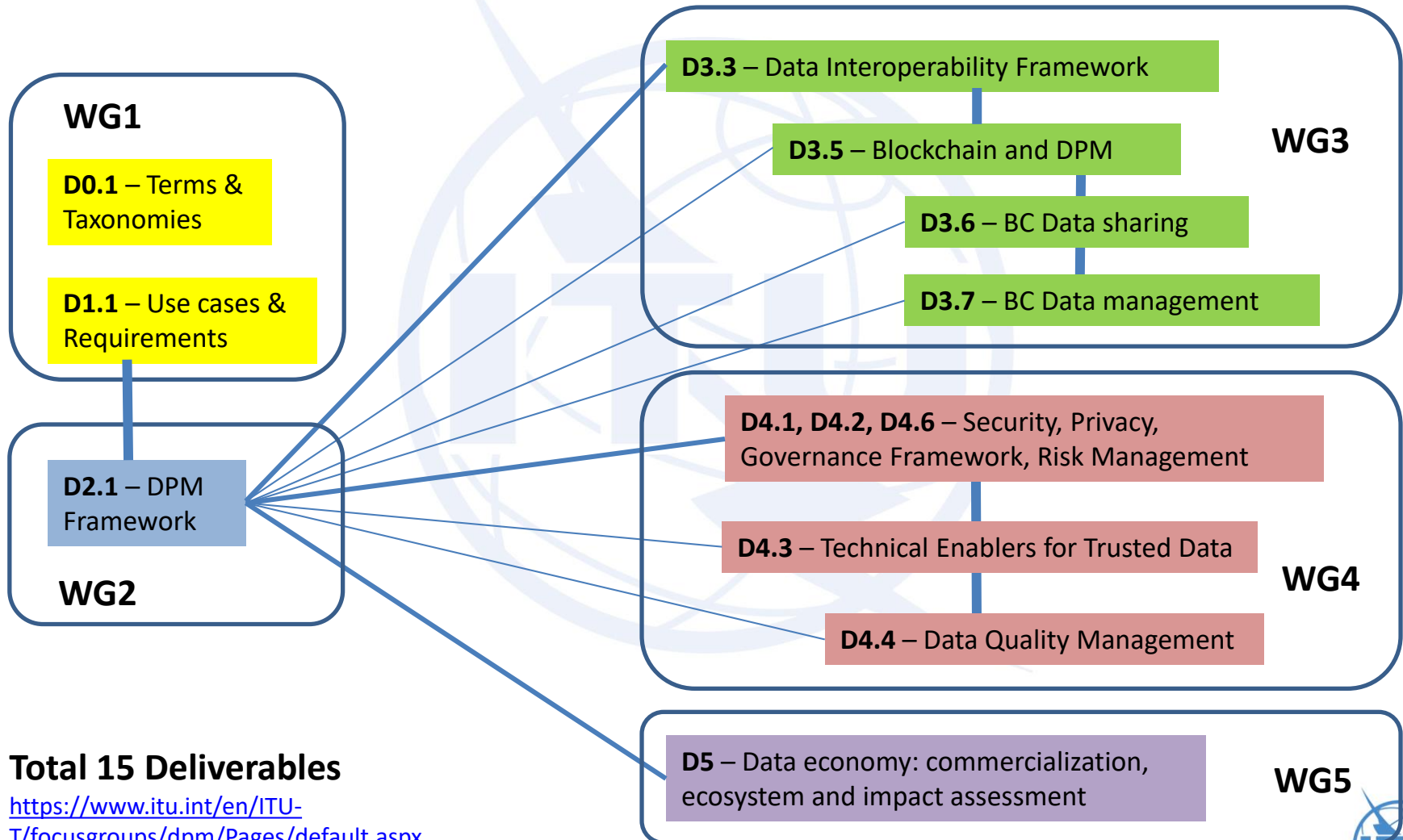
2nd workshop: 17 September 2018 (Tunis)



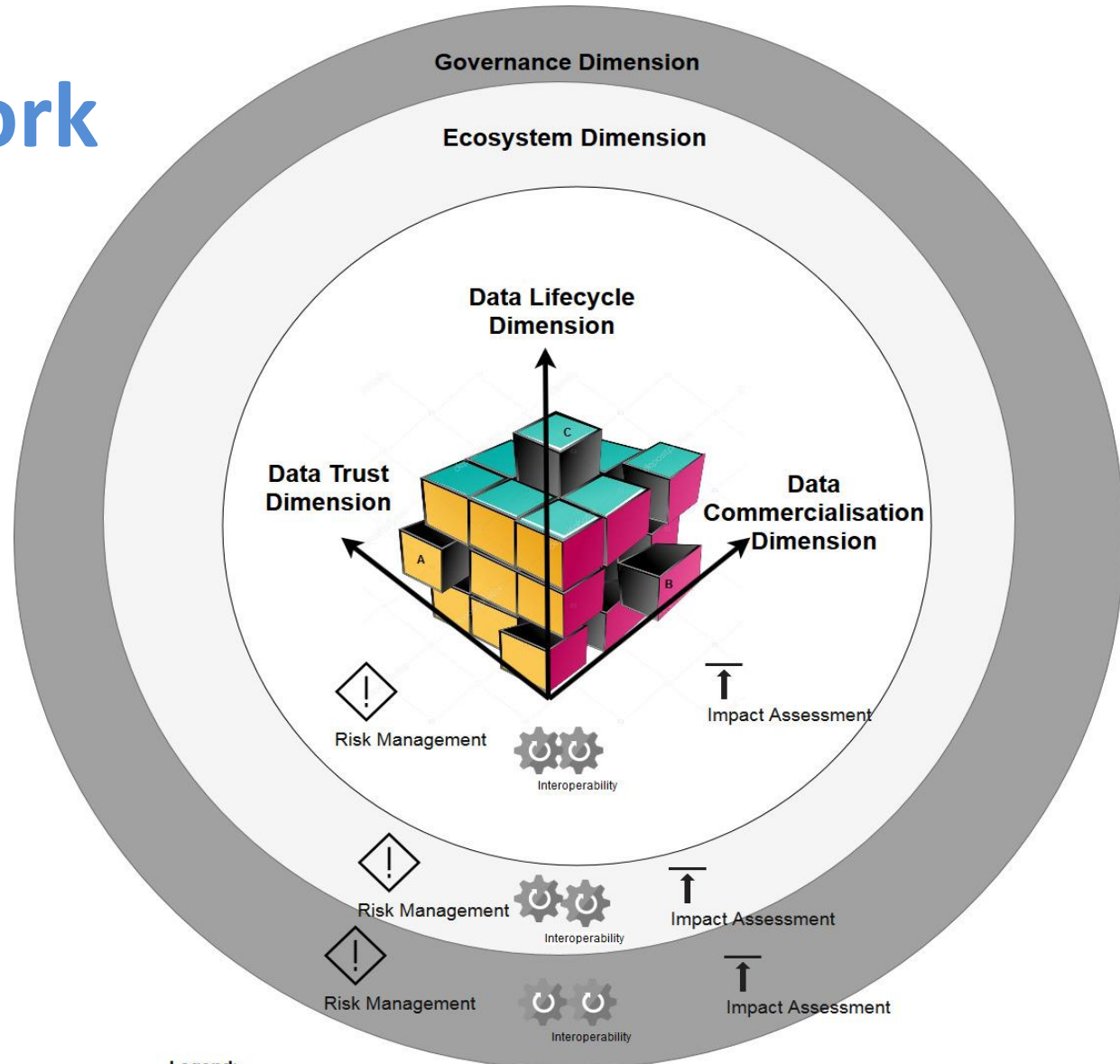https://webcast.ec.europa.eu/workshop-on-data-processing-and-management-for-iot-and-smart-cities



3rd workshop: 14 January 2019 (Seoul)

# FG-DPM Core Deliverables

**WG1**

**D0.1** – Terms & Taxonomies

**D1.1** – Use cases & Requirements

**D2.1** – DPM Framework

**WG2**

**WG3**

**D3.3** – Data Interoperability Framework

**D3.5** – Blockchain and DPM

**D3.6** – BC Data sharing

**D3.7** – BC Data management

**WG4**

**D4.1, D4.2, D4.6** – Security, Privacy, Governance Framework, Risk Management

**D4.3** – Technical Enablers for Trusted Data

**D4.4** – Data Quality Management

**WG5**

**D5** – Data economy: commercialization, ecosystem and impact assessment

**Total 15 Deliverables**

https://www.itu.int/en/ITU-T/focusgroups/dpm/Pages/default.aspx

# DPM Framework



**Governance Dimension**

**Ecosystem Dimension**

**Data Lifecycle Dimension**

**Data Trust Dimension**

**Data Commercialisation Dimension**

C

A

B

⚠ Risk Management

⚙⚙ Interoperability

↑ Impact Assessment

⚠ Risk Management

⚙⚙ Interoperability

↑ Impact Assessment

⚠ Risk Management

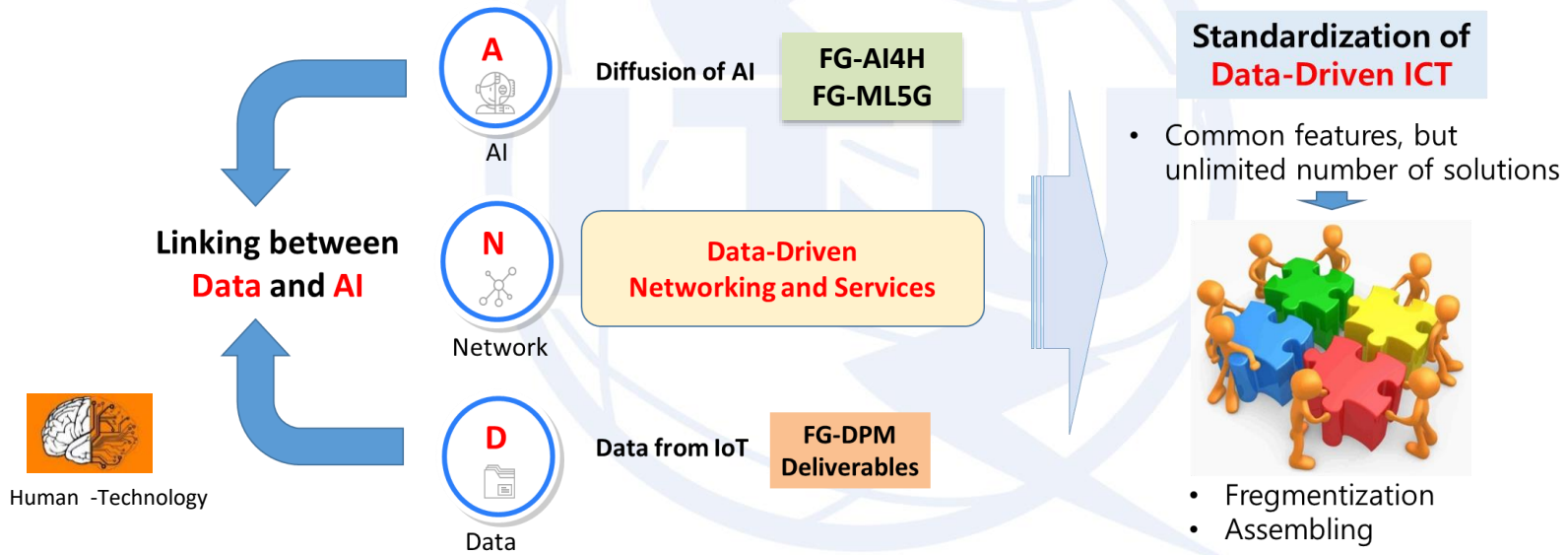⚙⚙ Interoperability

↑ Impact Assessment

**Legend:**
Point A: Trusted, and Processed data over the Trust and Data lifecycle dimensions, but not commercialised
Point B: Processed and commercialised data over the Data lifecycle and commercialisation dimensions, but not trusted
Point C: Trusted, Processed and commercialised data over the Trust, the Data lifecycle and commercialisation dimensions

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# Impact of FG-DPM Deliverables

**A** — AI

**N** — Network

**D** — Data

**Linking between Data and AI**

Human - Technology

Diffusion of AI — **FG-AI4H FG-ML5G**

**Data-Driven Networking and Services**

Data from IoT — **FG-DPM Deliverables**

**Standardization of Data-Driven ICT**

- Common features, but unlimited number of solutions

- Fregmentization
- Assembling

# Concluding Remarks

- **Data is the new Oil**
  - DPM is an essential element in emerging converged technologies (**IoT, Big Data, Analytics**).
- ITU-T **FG-DPM**
  - Pave the way for standardization on data ecosystem and services
- **Future Plan**
  - Accelerate ITU-T SG20 activities
  - Closely collaborate with other groups in ITU and related SDOs
  - Promoting activities
    - Advertise FG-DPM deliverables
    - Academic publications