

Organizing Trust to enable Big Data Sharing



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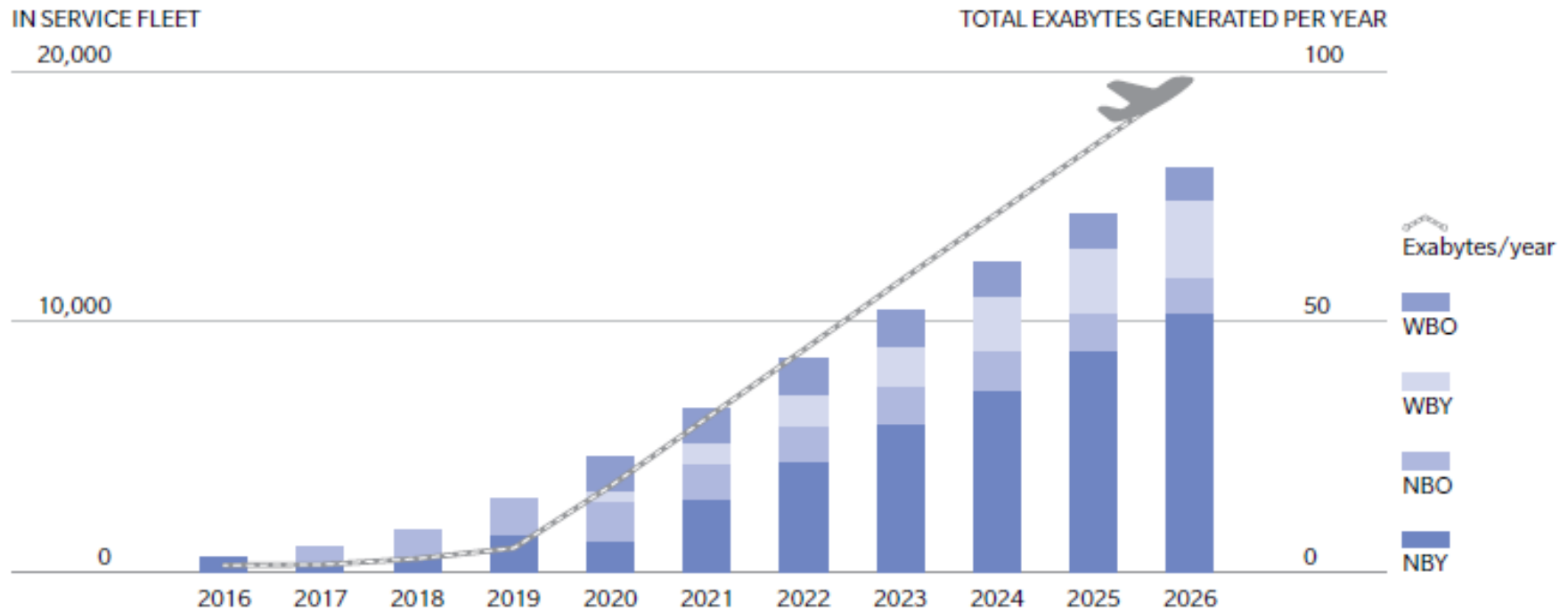
**Guest
Researcher
UvA SNE group**



**Big Data
Small World
Amsterdam
Arena
22/04/2016**



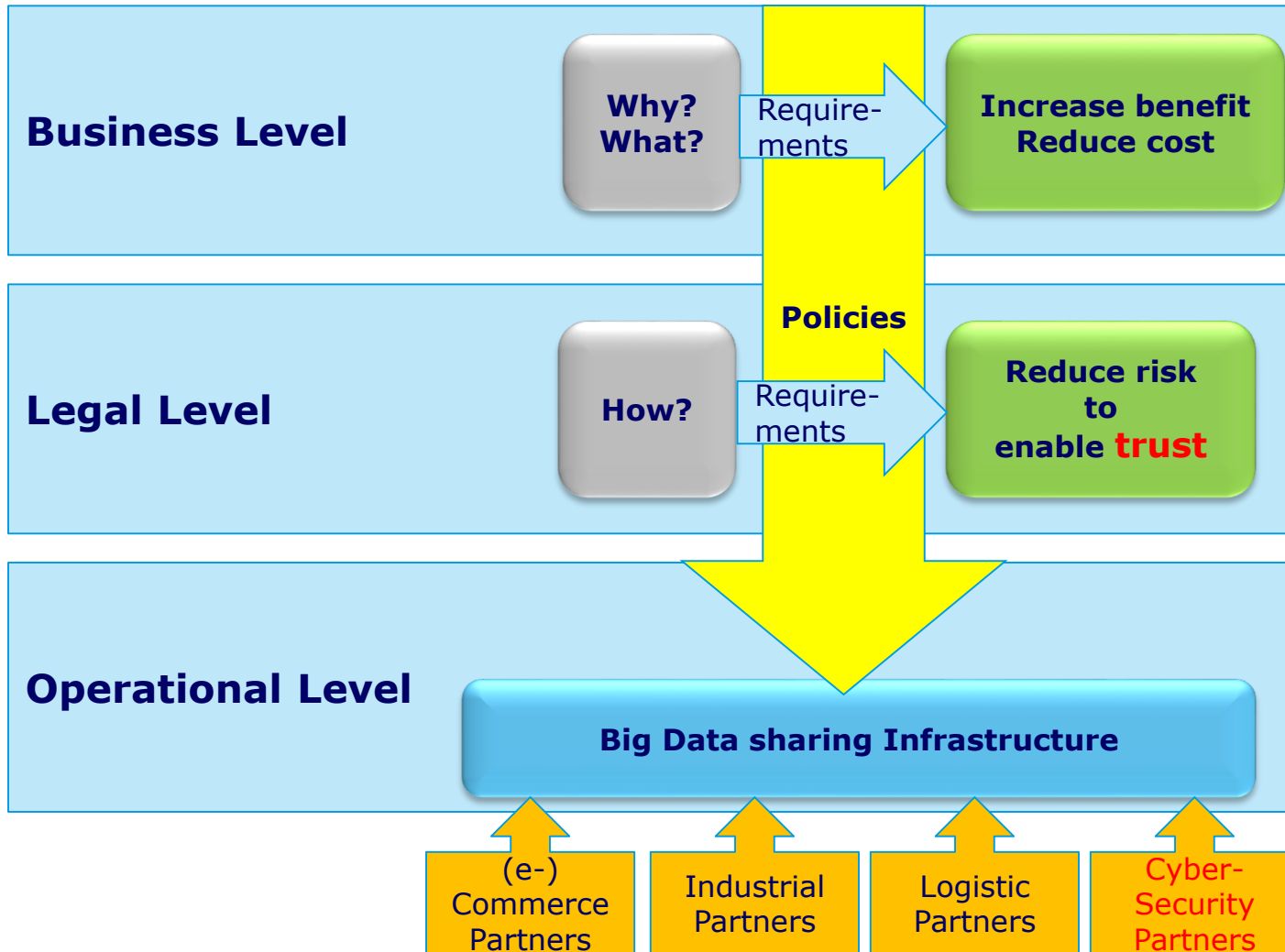
Aircraft Big Data: Are we going to share?



Source: Oliver Wyman Fleet & MRO Forecast, www.planestats.com/betterinsight

Aircraft fleet is expected to collect 98 Exabyte (98.000.000 Terabyte) of data by 2026

.. not until we understand how to *organize* trust



My PhD Thesis
Dec. 2nd 2014

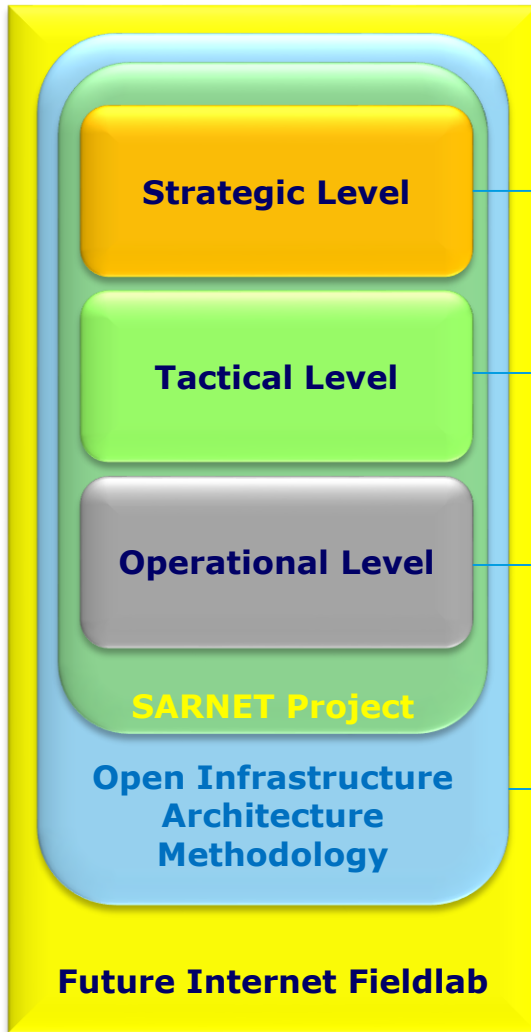


Chapter 5:
Organising trust
in multi-domain
scenario's

NWO – COMMIT/ SARNET project

Big Data Sharing in cybersecurity context

Secure Autonomous Response NETWORKS that collaborate



Research into creating a **SARNET Alliance** by describing stakeholder benefits, cost and risk to **share resources** and modelling organizational behavioral of a **Service Provider Group organizing trust** (with Faculty of Law)



Research into tactics that implement defense scenario's by considering its **effectiveness**.

Research into the implementation of interoperable SARNET's that create a **responsive, dynamic** cyber-defense environment whilst behaving compliant to commonly agreed rules translated into policies.

Research into formal functional specification using architecture specification languages supporting fast (automated) implementation via solution archetypes.

Research supported by a deeply programmable **Future Internet Fieldlab** (in collaboration with NSF GENI project).

