ICARUS In a nutshell

George Pallis
Assistant Professor
Computer Science Department
University of Cyprus

Aviation Open Day: Leadership in Aviation
University of Cyprus
ICARUS is a Horizon2020 funded project under research and innovation programme (Started Jan 2018)

ICARUS will build a novel data value chain in the aviation-related sectors towards data-driven innovation and collaboration across currently diversified and fragmented industry players
What is ICARUS

ICARUS brings together the Aerospace, Tourism, Health, Security, Transport, Retail, Weather, and Public sectors and accelerates their data-driven collaboration under the prism of a novel aviation-driven data value chain.
ICARUS Approach

ICARUS approach will include 3 Core Data Services Bundles:
- the Data Collection
- the Data Curation and Linking
- the Data Analytics & Visualization

The ICARUS platform is complemented by the Added Value Services Bundle that practically contains data agreement/purchase, data recommendation services and data notification services.
The Goals

ICARUS Differentiating Points:

An one-stop shop for discovery of native-aviation, extra-aviation and derivative-aviation data assets

A trusted analytics sandbox to link and gain insights into private, confidential and external data

A data brokerage platform enabling new forms of data sharing based on P2P licensing schemes
ICARUS Demonstrators: Four real-life cases, driven by stakeholders of the Aviation value chain, belonging at different levels and domains, and bringing on board different kinds of pan-EU data.
Consortium

https://www.icarus2020.aero/
Thanks for your attention!

Follow as in Twitter: https://twitter.com/icarus2020aero
http://www.icarus-h2020.eu

George Pallis
Assistant Professor
Computer Science Department
University of Cyprus

Aviation Open Day: Leadership in Aviation
University of Cyprus

Aviation-driven Data Value Chain for Diversified Global and Local Operations