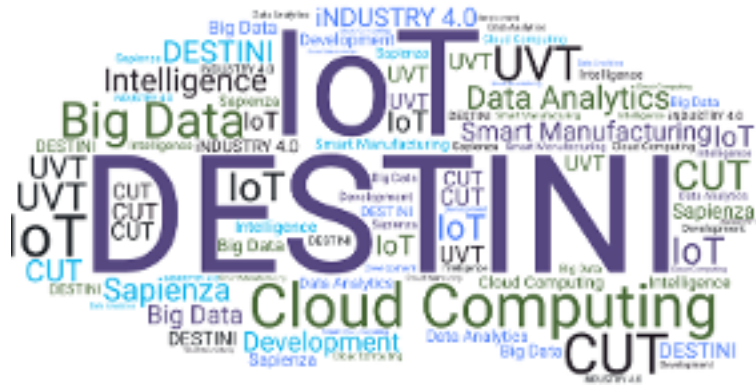# DESTINI

Smart Data Processing and Systems of Deep Insight

Twinning | Horizon 2020

SUMMARY

DESTINI H2020 Twinning Project proposes a series of coordination and support actions for promoting research in the area of Smart Data. It brings together two internationally recognized scientific groups from the Netherlands (Tilburg University and Jheronymous Academy of Data Science - ERISS/JADS) and Italy (Sapienza Universita di Roma – UNIROMA1) that collaborate with Cyprus University of Technology (CUT) so as to strengthen the research and scientific profile of the partners, and especially of CUT, in the relevant area.

AIM OF THE PROJECT

The aim of DESTINI is to facilitate transfer of scientific knowledge and expertise, as well as of best research practices from the leading institutions to CUT. The ultimate goal is to increase the research capacity and prowess of the partners and especially CUT, by investigating a number of significant and hot topics in the field of Smart Data Processing and Systems of Deep Insight.

RESEARCH PILLARS

The research pillars of DESTINI, also called Joint Research Activities (JRAS) are Smart Data Processing Systems, Systems of Deep Insight, and Methodology for Smart Data-centric Services & Applications:

Smart Data Processing Systems: This JRA includes data ingestion, data aggregation of an enormous variety of structured, unstructured and semi-structured datasets, knowledge-based meta-data representation techniques for the conversion of raw into smart data, data privacy and protection, automated deployment, run-time software performance monitoring and dynamic configuration.

Systems of Deep Insight: This area focuses on analytic solutions that enable optimization of asset performance in smart data processing systems and is geared towards systems of insight. These are systems that turn data into insights, systematically test insights and find those data that matter to make them contextual and actionable.

Methodology for Smart Data-centric Services & Applications: This JRA target here is smart application development focusing on providing a methodology that interlocks elements of smart data processing and systems of deep insight to alleviate complexity and the effect of changes, thus speeding up the entire software development/deployment process for smart applications in priority sectors identified by the Smart Specialisation Strategy of Cyprus (S3Cy).

CONSORTIUM

Cyprus University of Technology

SEiIS
Software Engineering and Intelligent
Information Systems Research Lab

JADS
Jheronimus Academy of Data Science

TILBURG UNIVERSITY

SAPIENZA UNIVERSITÀ DI ROMA

TWINNING

HORIZON 2020

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