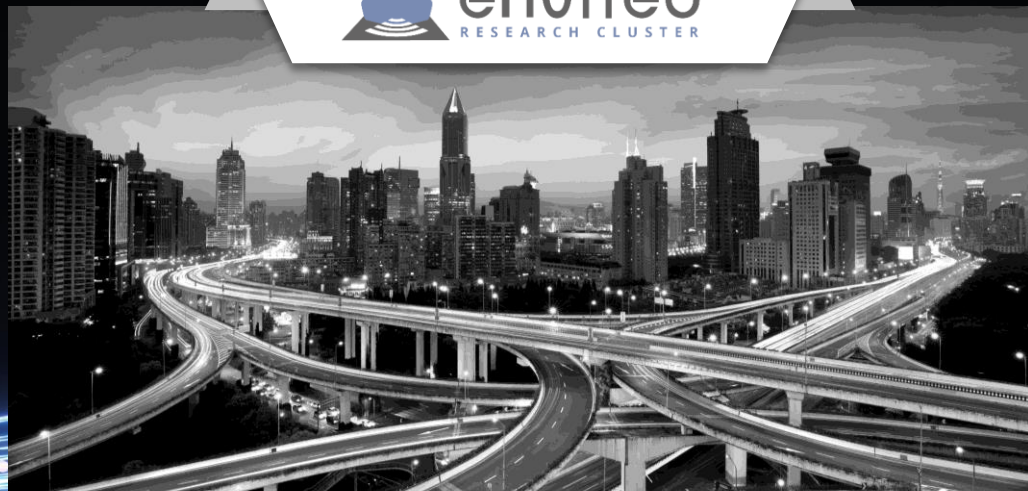




DSC 2022 EUROPE VR



ENVITED research cluster:

Collaborative environment for data-driven virtual verification and validation of AD and ADAS

Dipl.-Ing. Alexander F. Walser
Managing Director
Automotive Solution Center for Simulation e.V.

asc(s)

Automotive Solution Center for Simulation



Palais des Congrès et de la Musique, Strasbourg | France

14-16 SEPTEMBER 2022



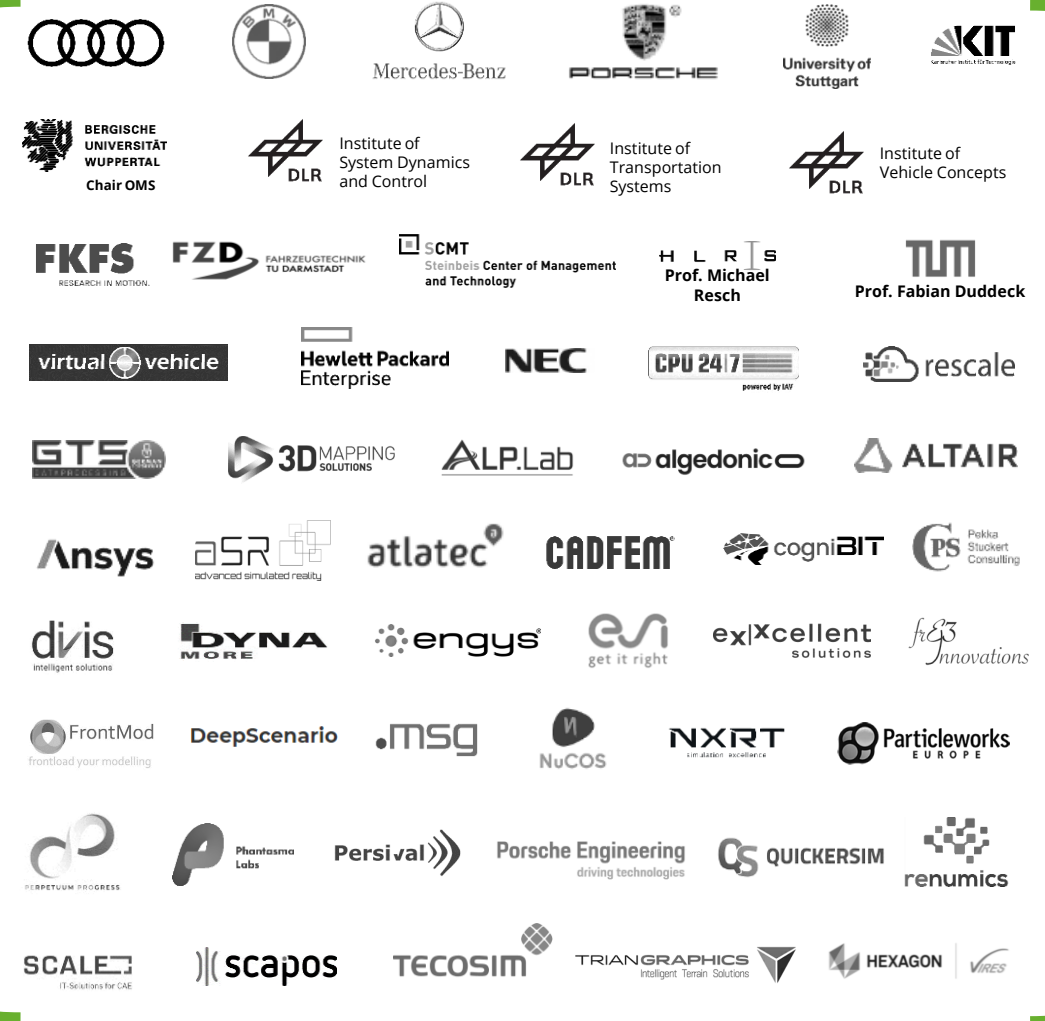
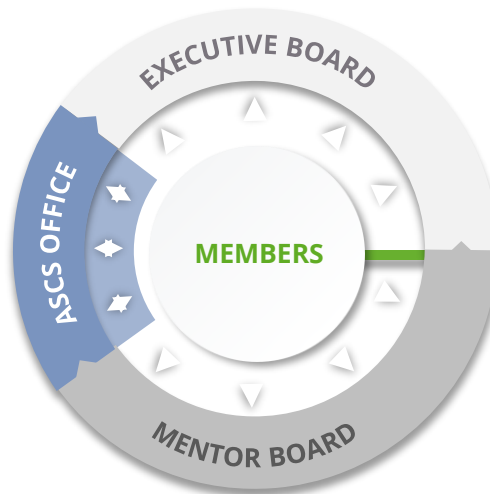
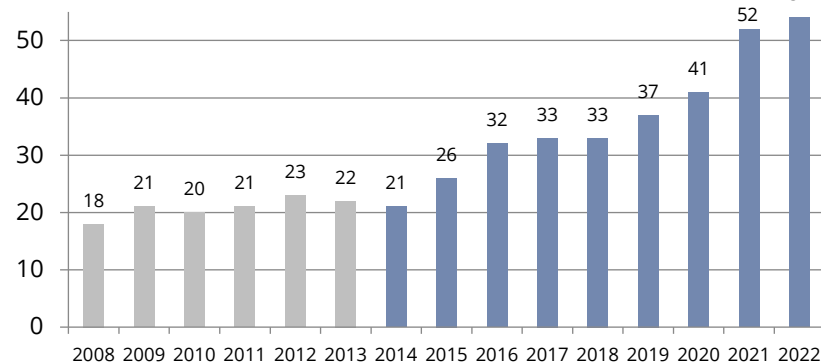
AUTOMOTIVE SOLUTION CENTER FOR SIMULATION e.V.

Founded in 2008, the ASCS is a steadily growing, non-profit association for know-how carriers in the automotive simulation domain.

In our community we bring innovative minds together to work on the game changers of the future.

We offer our members a compliance framework for collaborations, which we also support as a multiplier, catalyst and accelerator.

members

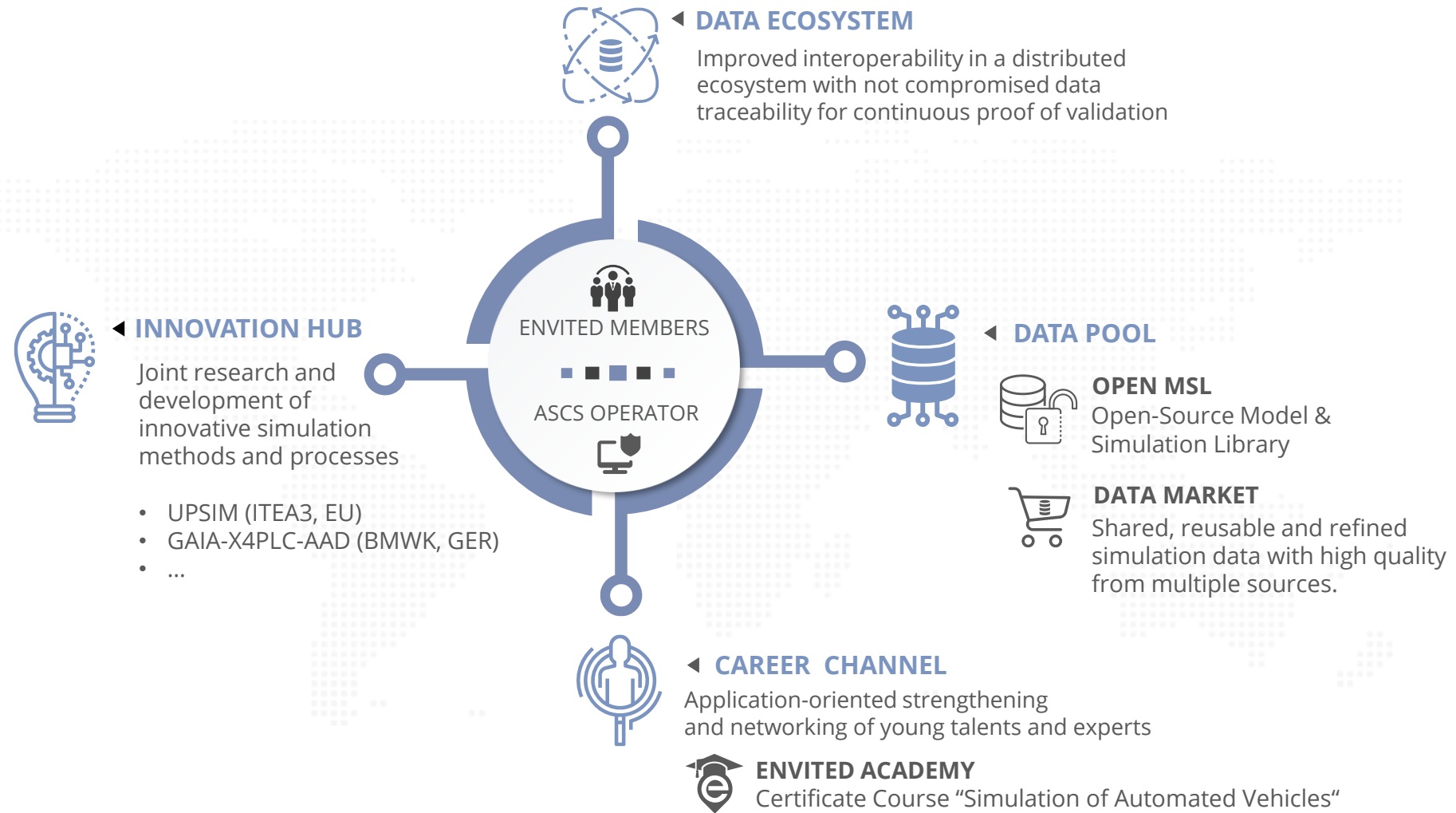




ENVITED RESEARCH CLUSTER

Long-term and member-driven initiative for the exploration of data-driven virtual verification and validation of ADAS and AD.

ENVITED allows its members to exchange requirements and commonly research technologies to facilitate the goal of a virtually enhanced homologation process.



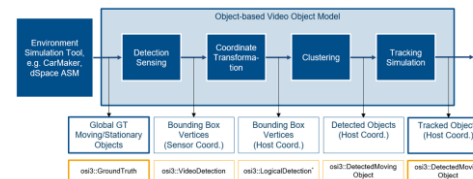
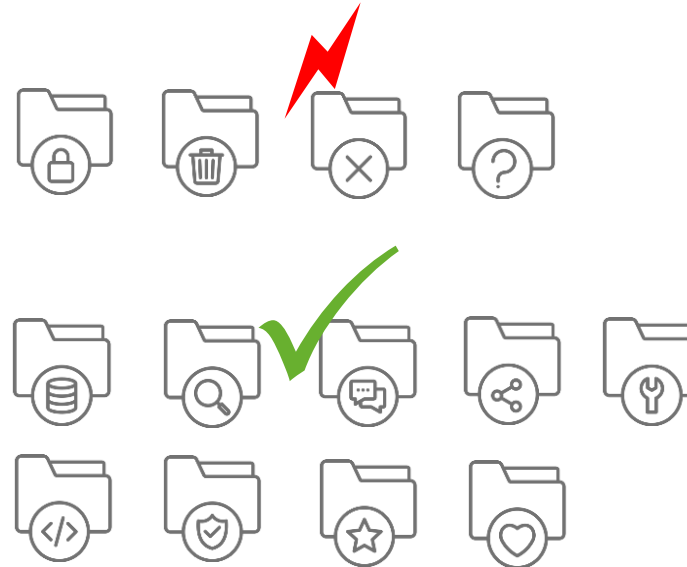


OpenMSL

MOTIVATION: Access to simulation models and data from publicly funded projects is often complicated.

OBJECTIVE: OpenMSL bundles open-source models and data to make it openly accessible and enable active and cooperative further development by stakeholders (safe harbor).

FIRST DATA CLUSTER – DC1: Perception Sensor Models



OpenMSL was initiated in cooperation with the **SET^{Level}** funding project.



GAIA-X4PLC-AAD

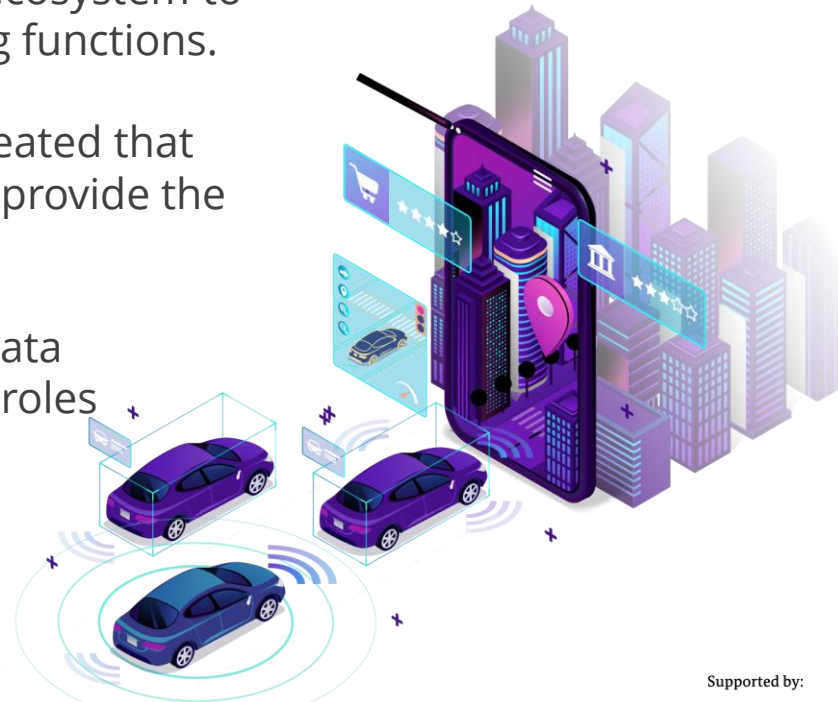
Our goal is to build an open and distributed data ecosystem to support the product life cycle of automated driving functions.

Collaboratively designed GAIA-X services will be created that enable a regulated exchange of data. The services provide the necessary trust and security by technical means.

For this purpose, necessary information models, data architectures, as well as associated processes and roles are developed.

GAIA-X 4 PLC-AAD

part of the project family GAIA-X 4 Future Mobility



25 Mio. €
Budget

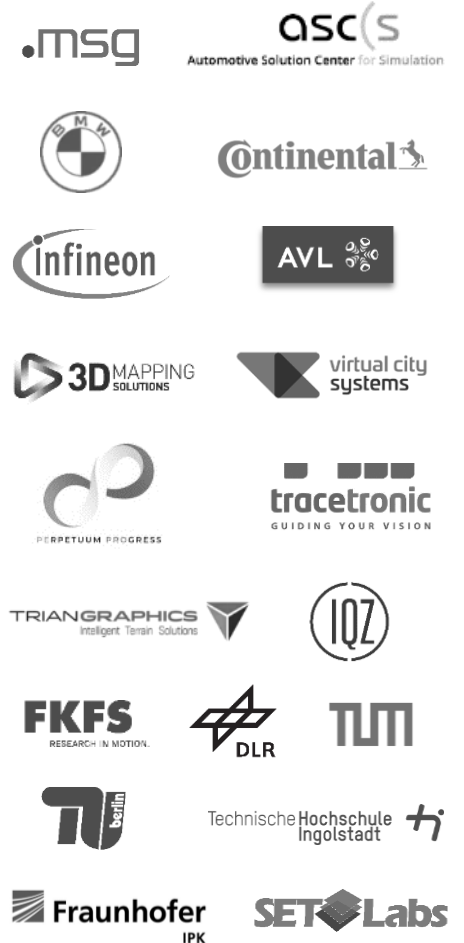
33 Months
2022-01-01 - 2024-09-30

20 Project Participants
in 6 sub-projects

Supported by:



on the basis of a decision
by the German Bundestag





ENVITED ACADEMY

Online Certificate Course “Simulation of Automated Vehicles”

part-time, 9 months course with four interactive online modules
~120 training hours

MODULE A: Overview & Virtual 3D Environments

MODULE B: Sensors

MODULE C: Scenarios & Driving Functions

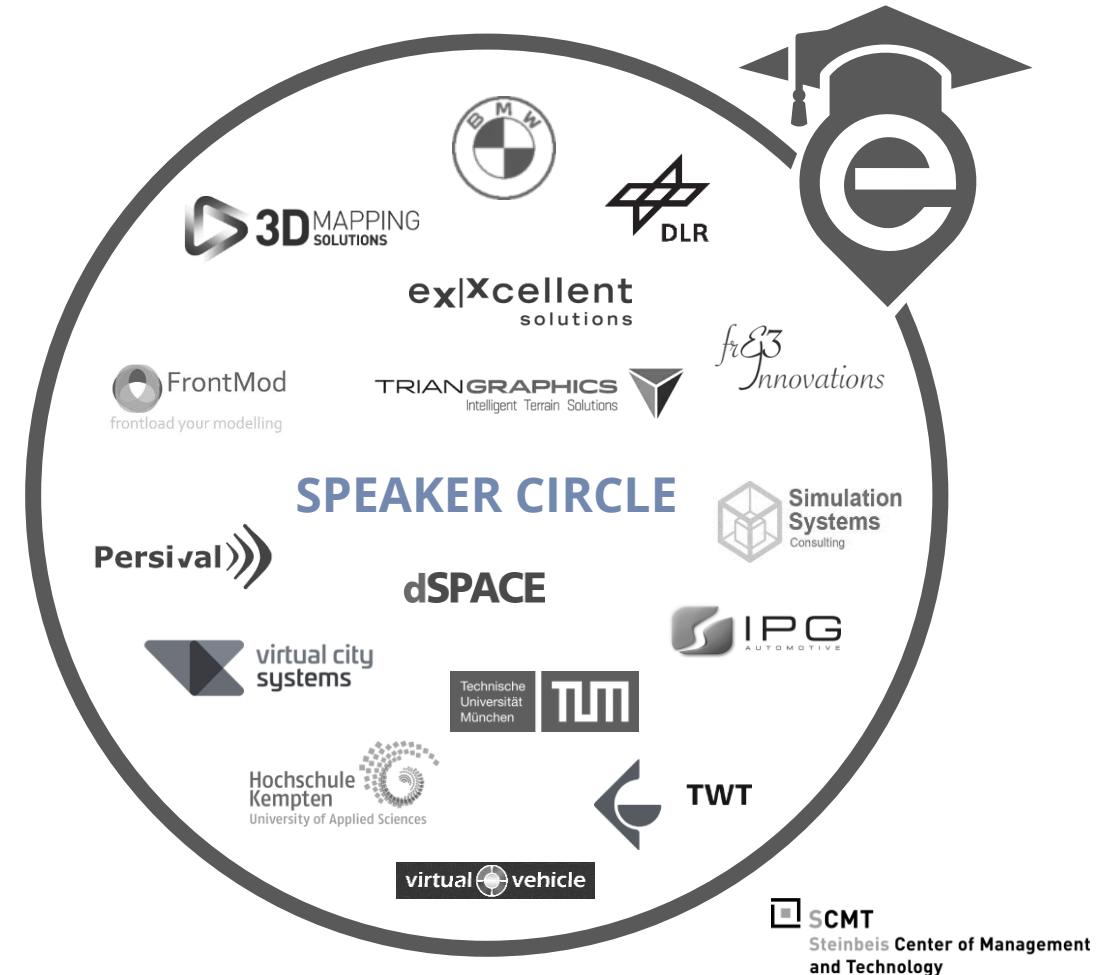
MODULE D: Virtual Test & Certification

Each individual module consists of seven training units plus one case presentation unit (3-4 hours each).

Degree

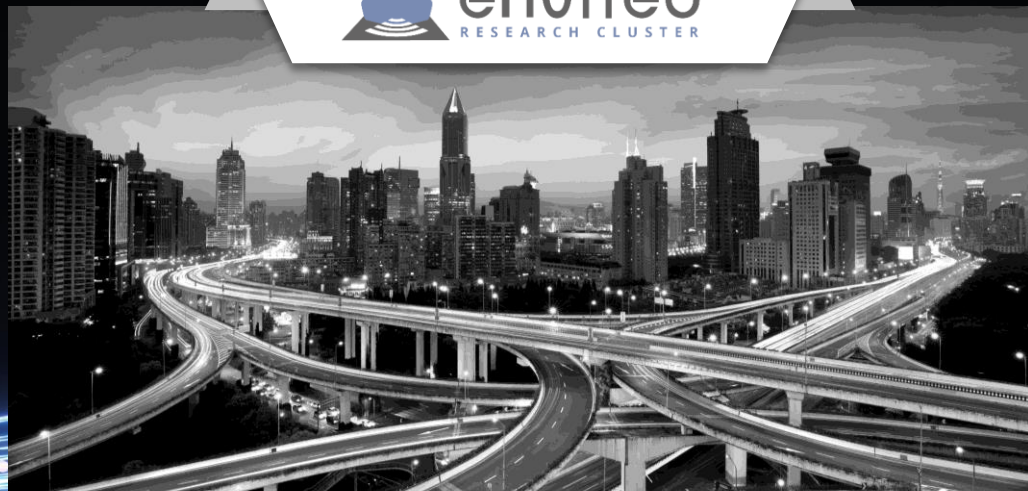
Diploma of Advanced Studies

Expand your knowledge and benefit from interdisciplinary and up-to-date knowledge conveyed by our 20+ top-class lecturers.





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THANK YOU

Contact: hello@envited.market



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