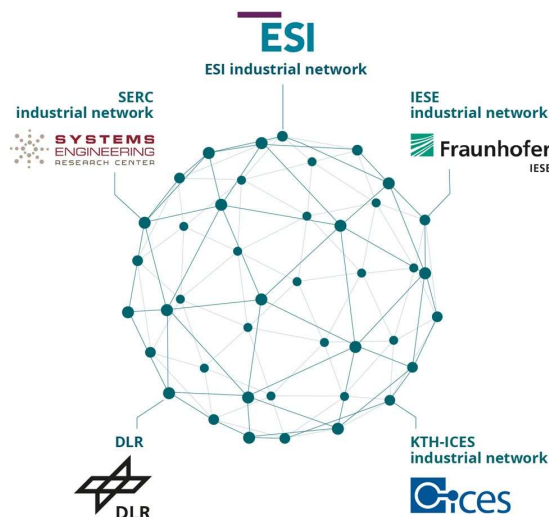


Archimedes: International network

INTERNATIONAL NETWORK

TNO-ESI is part of an international network of peer knowledge institutes and research centers. Each of them have **leadership positions in methodology innovation** in order to cope with the **complexity of highly-digitalized systems**. Each operates in **different application domains** which are represented by their respective industrial ecosystems.



Key Activities:

- Benchmarking ESI's knowledge position with global peers**
- Aligning national and international research agendas**
- Co-developing project proposals (e.g., Horizon Europe, ITEA, ECSEL)**
- Sharing expertise across projects for added value**

ARCHIMEDES INITIATIVE

The Archimedes Initiative, founded in 2022, brings together four leading systems engineering research centers: DLR (Germany), TNO-ESI (Netherlands), SERC (USA), and TECoSA (Sweden).

Archimedes Initiative achieve this through **joint workshops, publications, research, and exchange of expertise**, the initiative fosters collaboration and knowledge sharing across diverse industrial domains. Each center operates within its own ecosystem, applying research directly to real-world challenges. By learning from each other's best practices, they accelerate innovation and build on each other's advancements to address shared challenges from complementary perspectives.

FURTHER INTERNATIONAL NETWORKS

This initiative actively promote the **bringing together of the industrial networks of multiple institutes**. At the **System Architecture Forum (SAF)**, for instance, innovation managers from the Fraunhofer IESE partners met twice a year with colleagues from the ESI industrial partners in order to **exchange views on relevant themes**.

Moreover, there is a growing **collaboration between the ESI academy and the University of South Norway (USN)**.

Contact



masoud.dorosti@tno.nl



teun.hendriks@tno.nl