



CISB

CENTRO DE
PESQUISA E INOVAÇÃO
SUECO-BRASILEIRO



7th Annual Meeting 2017



CISB Innovation Platform

CISB Annual Meeting

CISB Annual Meeting is connected to **Sweden Brazil Innovation Weeks** organized yearly by the Swedish Embassy in Brazil. It promotes a yearly meeting which offers a **unique** opportunity to **connect** actors, create **bridges**, **foster** collaboration, **catalysing** initiatives and **strengthen** the innovation & research **network** between countries.



CISB 7th Annual Meeting: Sep 29 – Oct 6

AGENDA

- Sep 29: Inovathon – **São Bernardo do Campo, SP** and Study in Sweden @ Metodista – **ABC region, SP**
- Oct 2: Study Visit @ UFMG – **Belo Horizonte, MG**
- Oct 3: Workshop: Swedish Professor Chair Program at ITA– **São Jose dos Campos, SP**
- Oct 4: Study Visit @ UNICAMP – **Campinas, SP**
- Oct 4: Round Table: **Anapolis** and **Goiania, GO**
- Oct 5: Dialogue in Graphene @ **MackGraphe – São Paulo, SP**
- Oct 6: Seminar The Swedish Triple Helix Model – co-organized with PUC-RJ – **Rio de Janeiro, RJ**

The ecosystem of Swedish Professor Chair Program

Alessandra Holmo, CISB Managing Director
Emilia Villani, ITA Professor

Agenda

- Short description of the chairs
- Professors
- Timeline
- Building a sustainable partnership for R&D
- R&D&I Environment

To Brazilian President



Swedish Professor of Aeronautics Endowed Chair at ITA in honor of Peter Wallenberg Sr

Swedish Government through VINNOVA, Swedish Industry and Swedish Universities wish to extend the exchange of innovation and technology with Brasil in high technology areas. Aeronautics is a key technology area of bilateral interest, where all relevant Swedish parties are working together in the Strategic Research Program INNOVAIR to strengthen the ties with Brazilian Universities, Government and Companies.

As part of this initiative, an endowed professorship will be established at Instituto Tecnológico de Aeronáutica (ITA) within Comando da Aeronáutica (COMAER) as a catalyst to deepen bilateral research, education and innovation cooperation in aerospace technology.

Saab and CISB supported by Chalmers University of Technology, the Royal Institute of Technology and Linköping University, hereby present an endowed chair for professors from Sweden at ITA. The endowment also includes extended bilateral cooperation with Post Docs as well as PhD and Master Students. The chair will be a platform for the most prominent and entrepreneurial Swedish professors in the aeronautical field, and their research teams, to cooperate with Brazilian counterparts.

Brasilia, Brasil March, 2015

Marcus Wallenberg
Chairman
Saab AB

Håkan Buskhe
CEO
Saab AB

Alessandra Holmo
Managing Director
Centro de Pesquisa e Inovação Sueco-Brasileiro

Peter Gudmundson
President
Royal Institute of Technology

Karin Markides
President
Chalmers University of Technology

Helen Dannetun
President
Linköping University

About the Chair

Program started in May 2015

Foundation for Bilateral Aeronautical Program

- Research project & Education
- Collaborative projects
- Workshop, Study visit, networking

Institutional link Aero Universities in Sweden & Brazil

Three years engagement

Program Sponsored:

- Mobility: Saab and Swedish University through CISB
- Research Project: Vinnova and Saab

CISB role: dissemination and project administration

Professors



Petter Krus

Professor in Fluid and Mechatronic Systems



Dan Henningson

Professor in Fluid Mechanics



Thomas Grönstedt

Professor in Turbomachinery

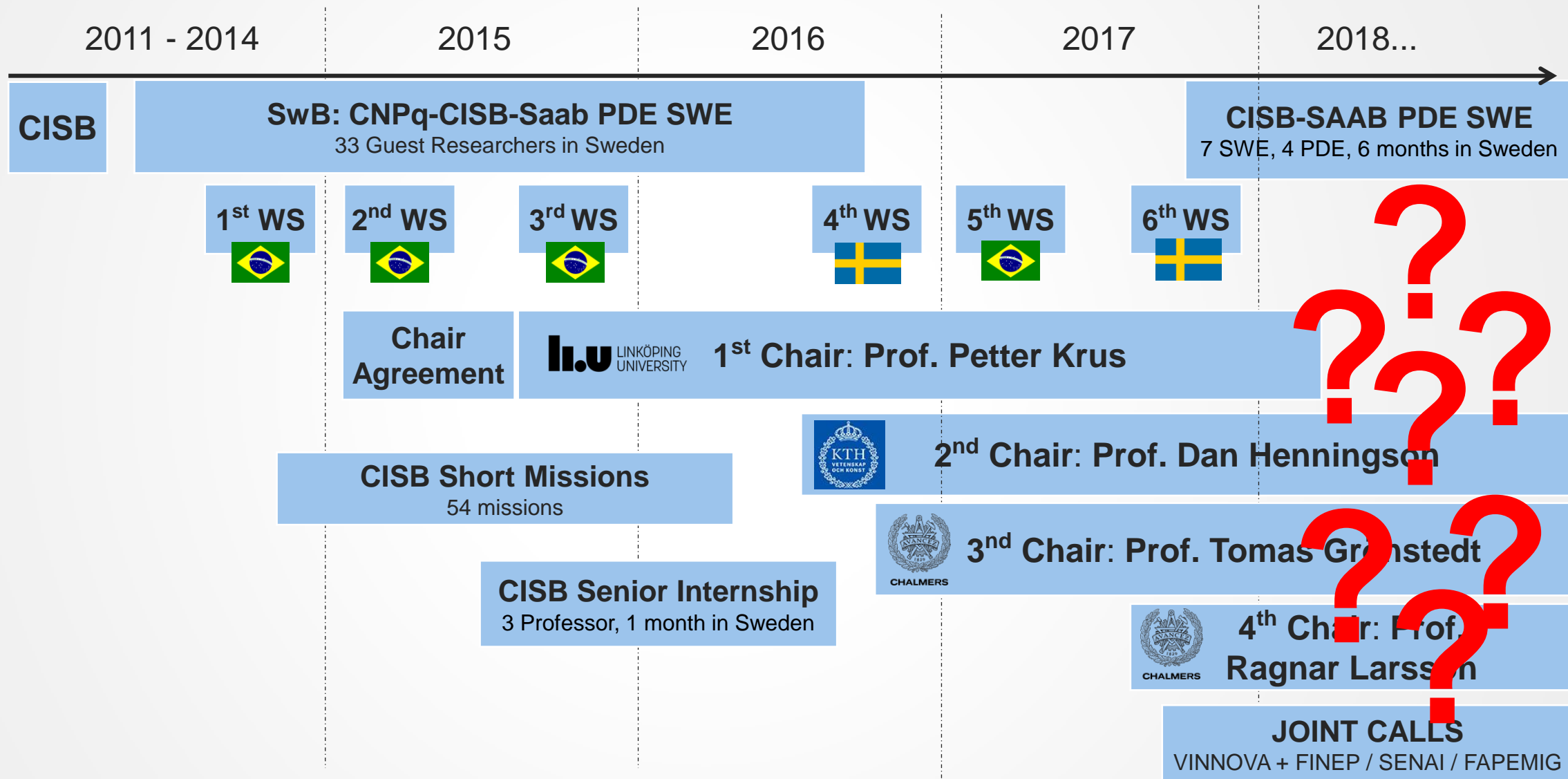


Ragnar Larsson

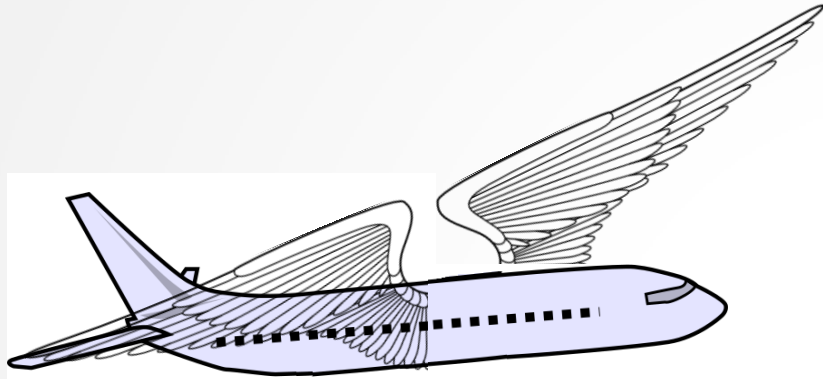
Professor in Materials and Computational Mechanics



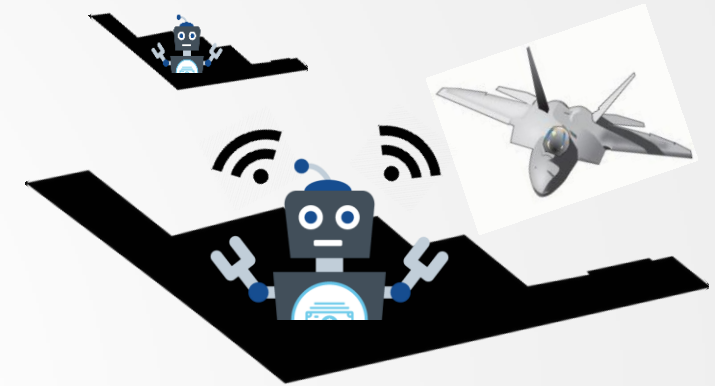
Timeline of BR/SE R&D activities in Aeronautics



What do we want from BR-SE R&D in Aeronautics?



Flexible wing aircraft



Autonomous collaborative fighter

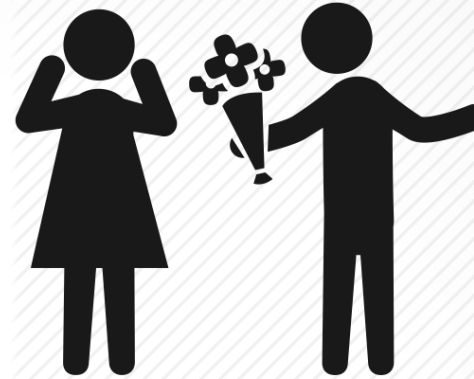


Green aircraft

Building a sustainable partnership for R&D...



Identification of mutual interest



Feasibility analysis



Sustainable partnership

Xth WS



Xth WS



CISB Short Missions

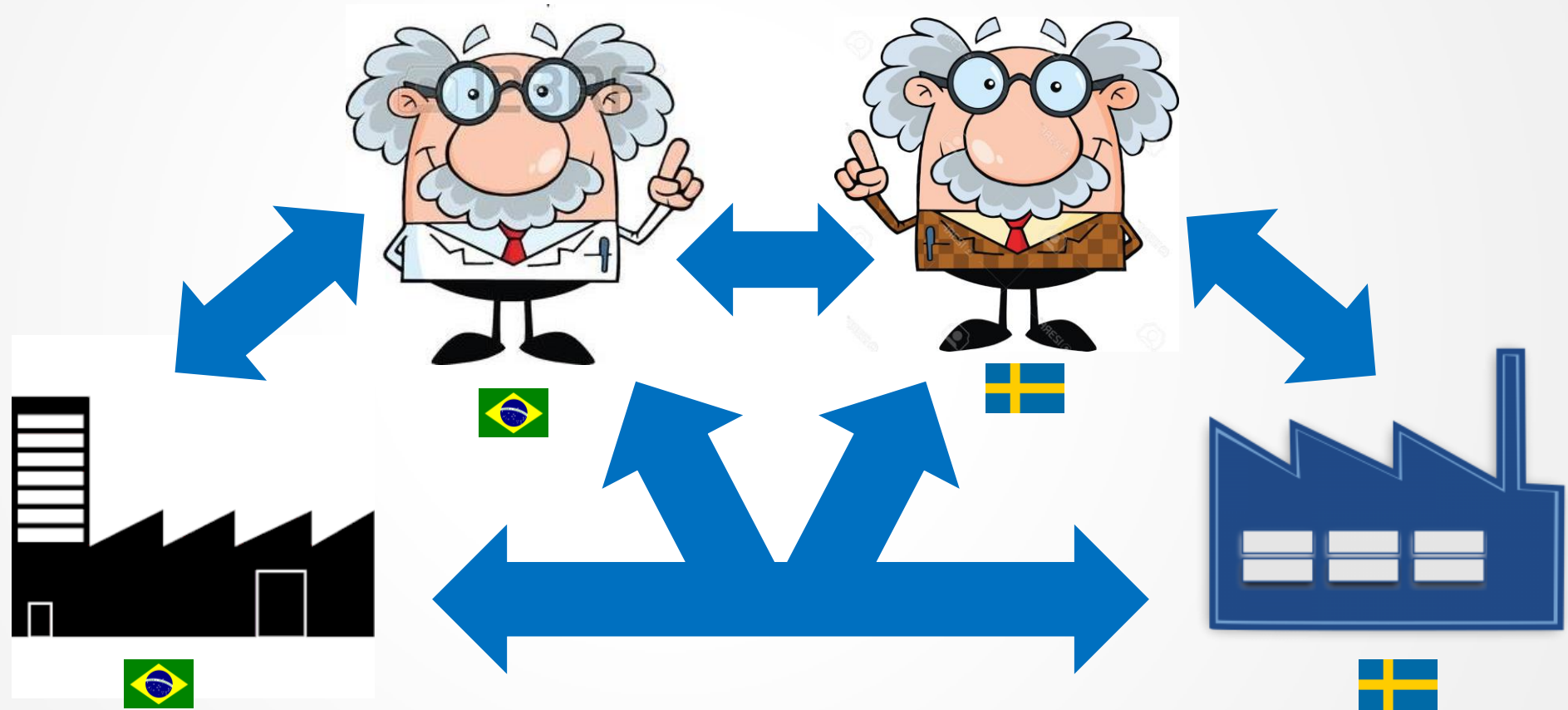
CISB-SAAB-CNPq
PDE SWE

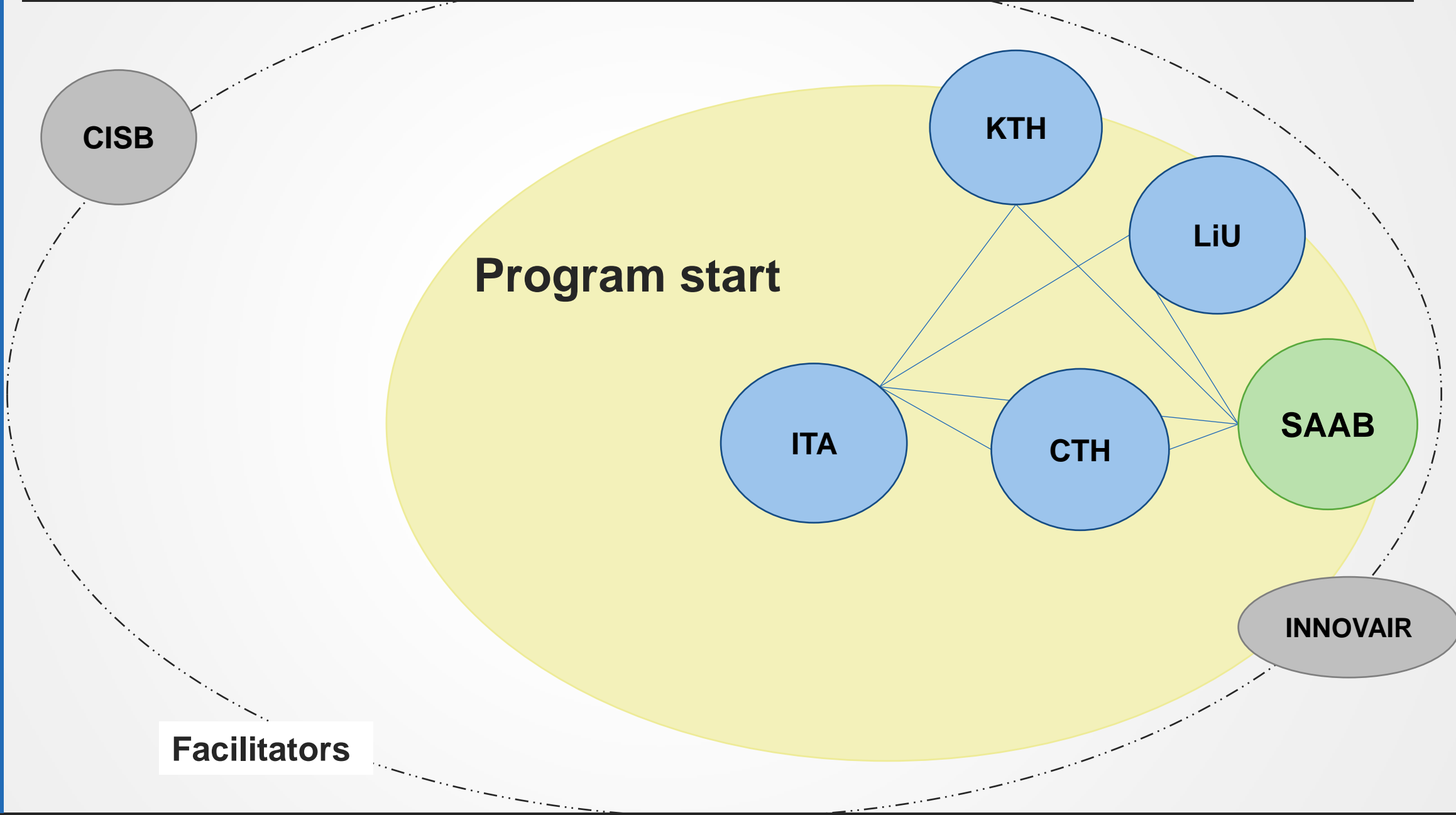
Professor Chairs

JOINT PROJECT CALLS

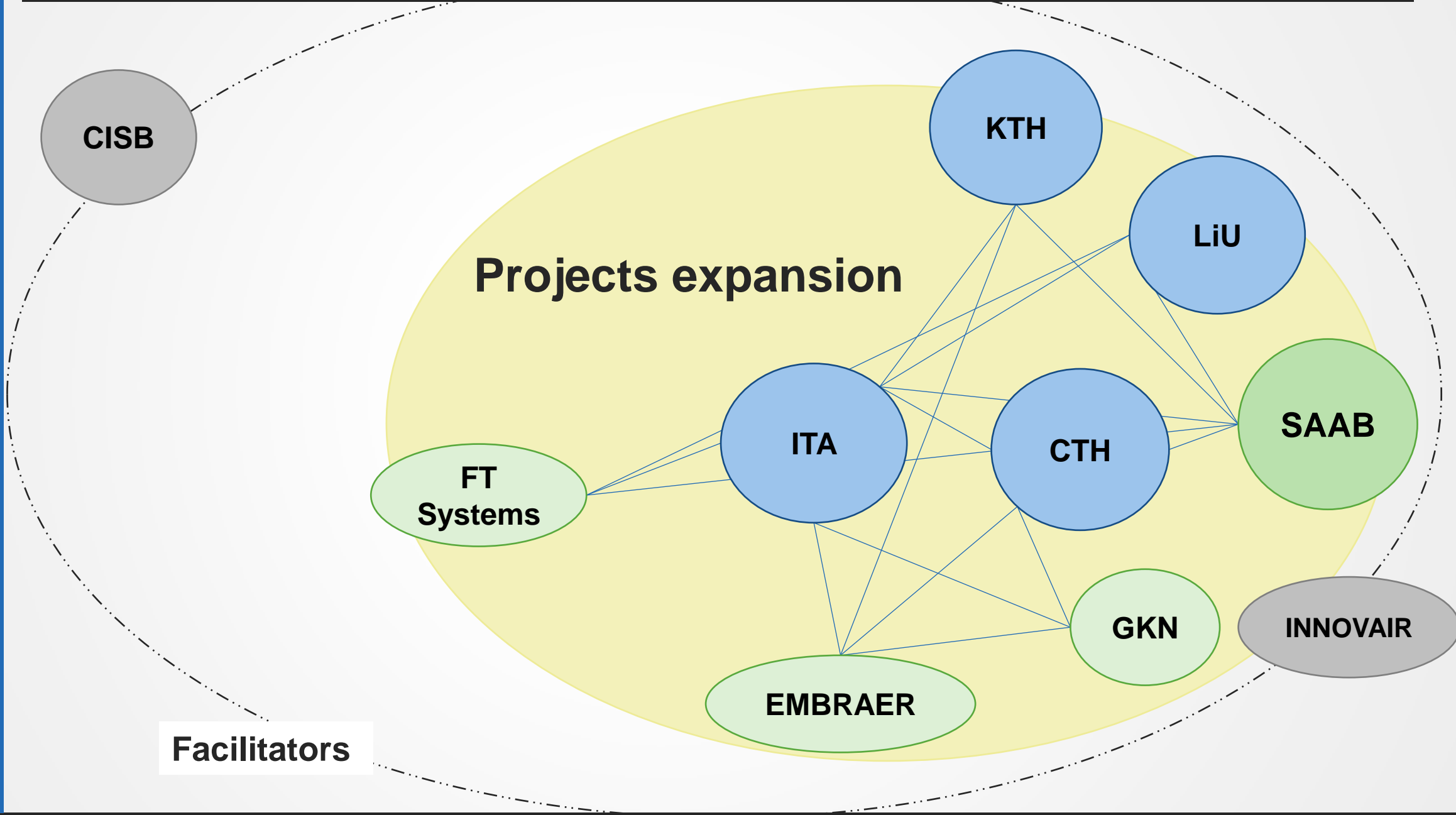
CISB Senior Internship

The role of Endowed Professor Chairs

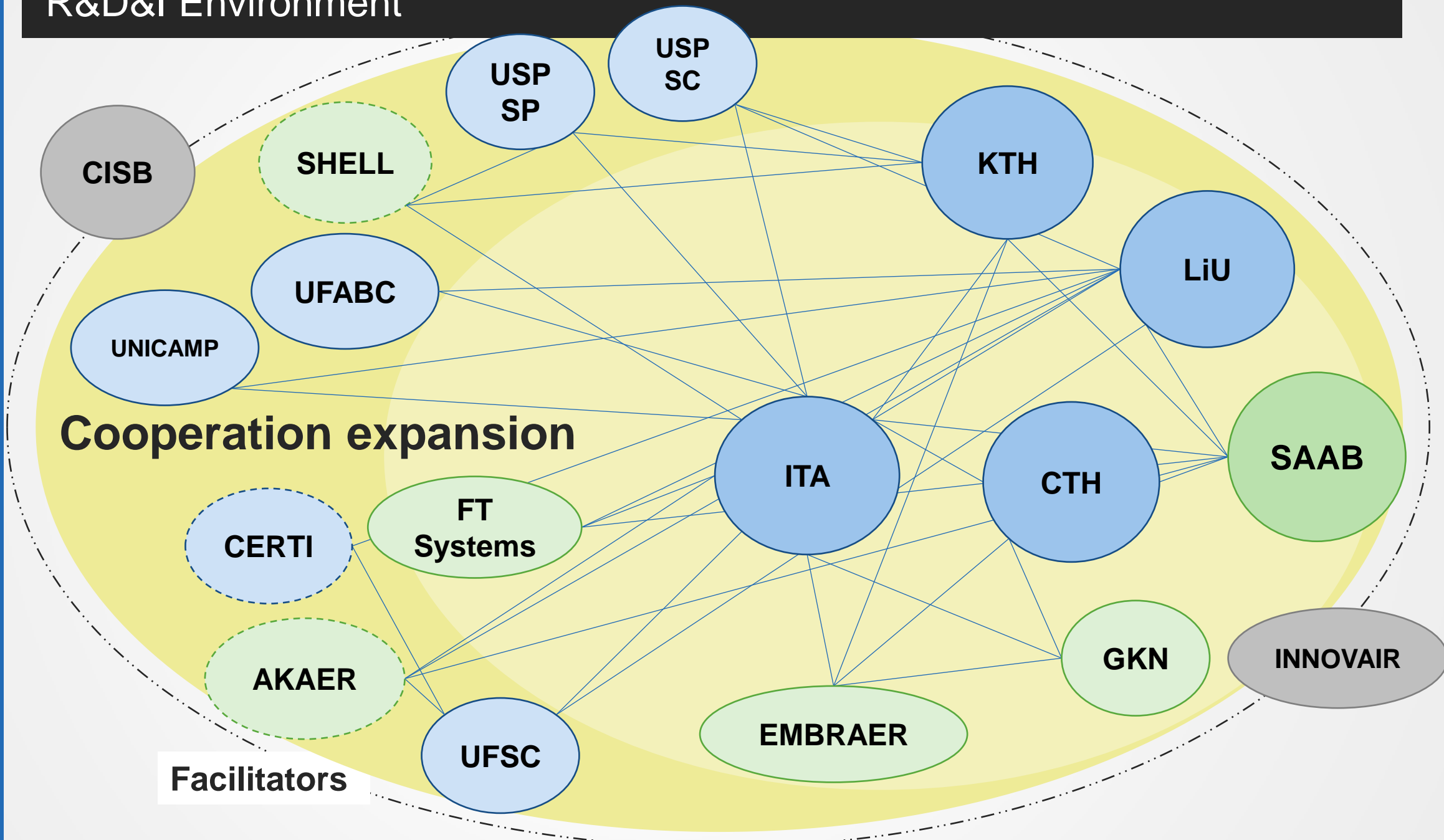




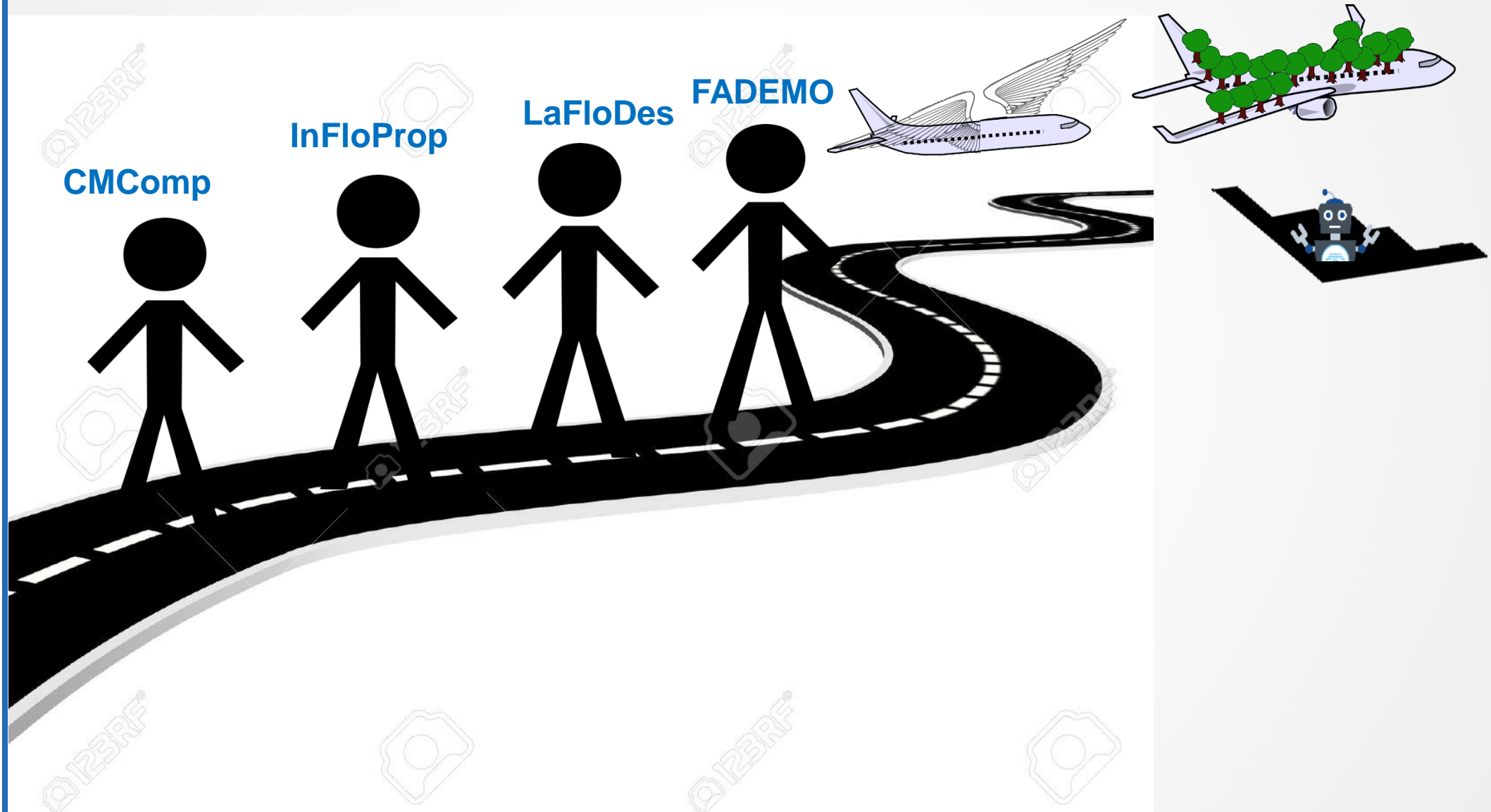
Facilitators



R&D&I Environment



Are we on the right road?



Thank you