

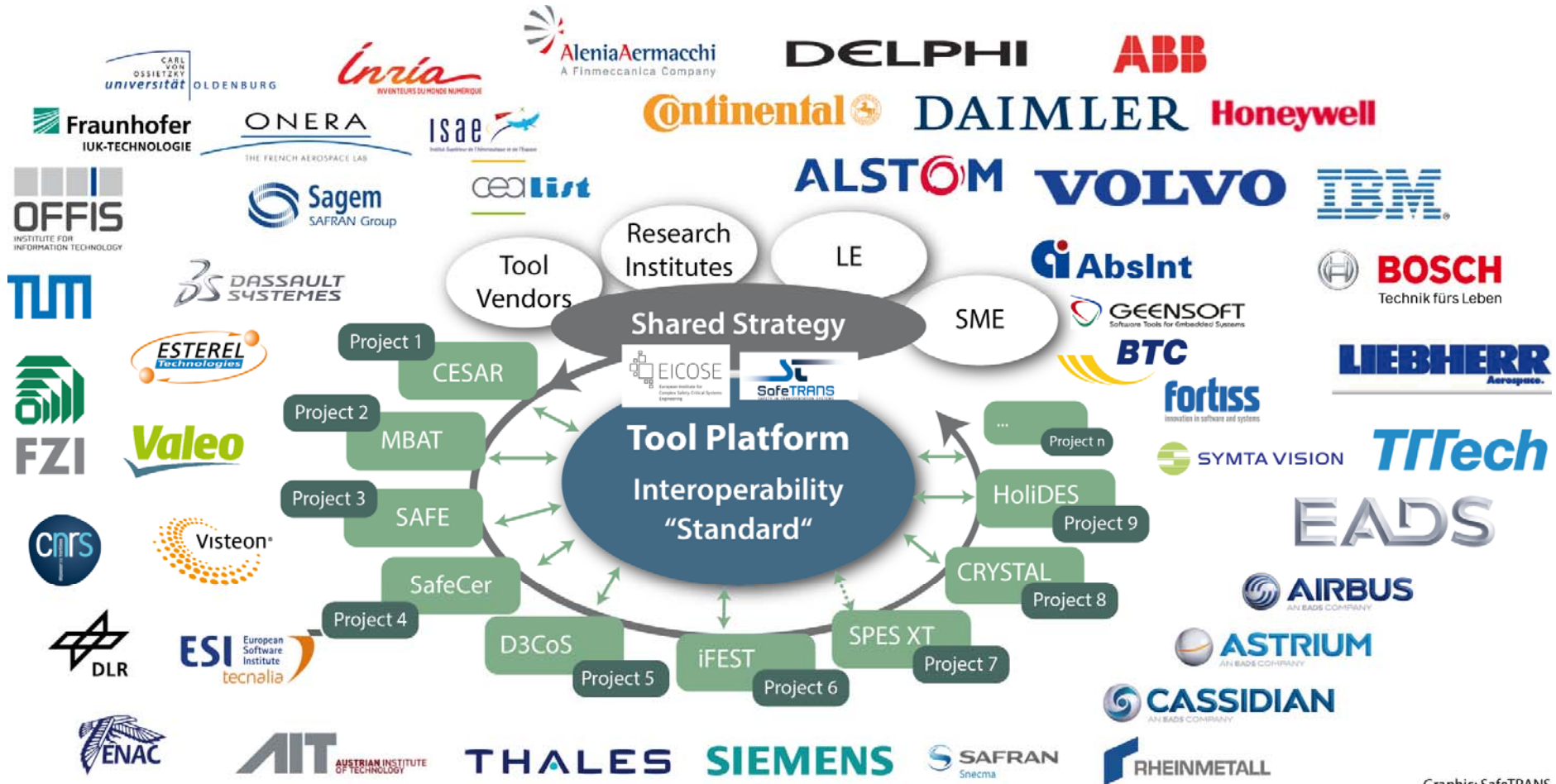


CP-SETIS

towards **Cyber-Physical Systems**
Engineering Tools Interoperability
Standardisation



IOS Projects



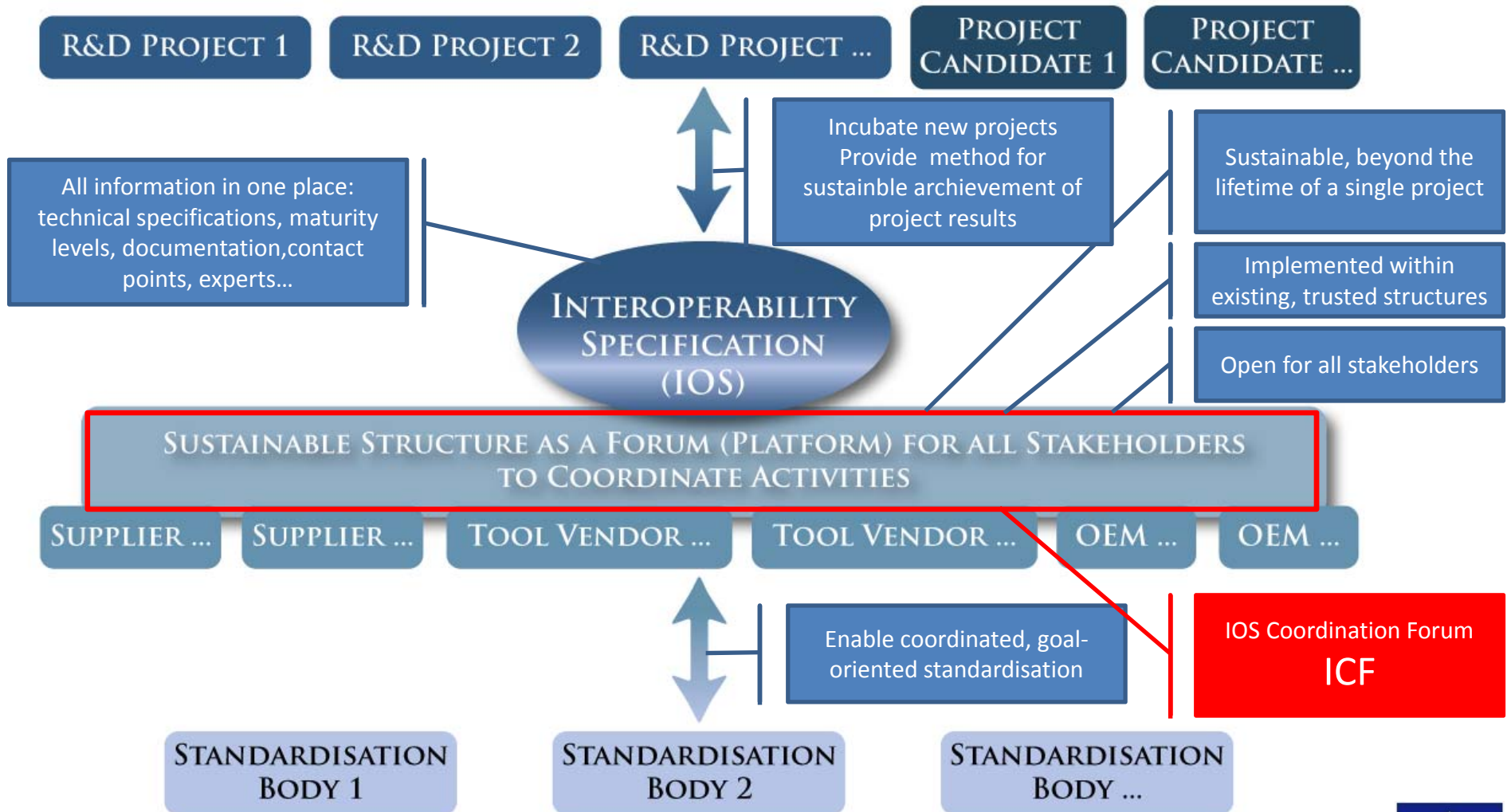
Graphic: SafeTRANS

IOS is up and running, but ...

- IOS ‘**scope**’ is huge
 - Most stakeholders only interested in some parts of the IOS
 - Yet, many parts needed for complete Engineering Environments
 - Coordinated effort needed for extensions and standardisation
- No central ‘**IOS repository**’ exists
 - Information and technical specifications are distributed
 - and only partially available to the community
 - Contact points?
 - Experts?
- **Many projects exists**
 - which are only partially aware of each other
 - Uncoordinated and sometimes unnecessary efforts
- There is no real ‘**IOS eco-system**’ resp. ‘**IOS community**’
 - Currently based on projects (wrt. comprising partners and lifetime)



Setup by CP-SETIS: IOS Coordination Forum – ICF



CP-SETIS: Status

- Definition of ICF, its assets, activities, and roles finished
- Now
 - Setup of first version of IOS database
 - In parallel: Find suitable host structure and implement ICF



Implementing ICF

Host Structure Short List

- After an initial evaluation of potential hosts, the following **short list** (alphabetical) was created
 - ARTEMIS-IA
 - EICOSE
 - OASIS
 - (N.B.: list is not necessarily exhaustive)
- Follow up activities:
 - Negotiate with potential hosts to find best-fit embedding



Stakeholder benefits I

- Use ICF as an **independent, neutral forum**, to meet other stakeholders at eye level
- Find **all IOS related information in one place**
 - current baseline/snapshot of IOS
 - new extensions
 - standardisation activities
- **Find allies**, i.e., for standardisation activities and project incubation
- Find **IOS experts** to help you in adoption of IOS
- **Extend and shape** those parts of the **IOS** that are of interest to you according to your needs
 - Extensions
 - Further developments/concretization of existing parts
 - Increase maturity of parts



Stakeholder benefits II

- Be able to guarantee **sustainability and accessibility** for your IOS related project results
 - by bringing them into ICF, where they are stored and publically available
 - advertise about them
- Efficiently **standardize** parts of the IOS
- At all times, be able to **focus** on those parts of the IOS, that are actually of interest to you and your company, while being aware of all IOS related activities



CP-SETIS Fact Sheet



Coordinator:

Core-Partners:

THALES **SIEMENS**

Associated Partners:

Come & Join!

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