

GRS

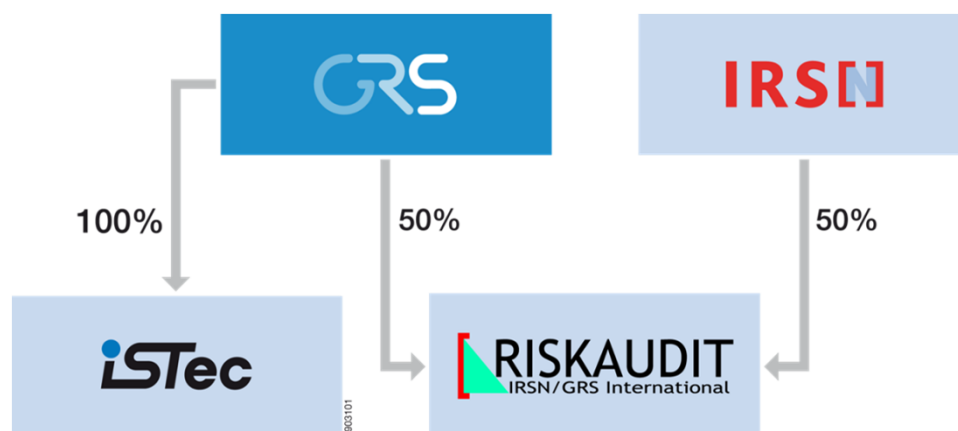
Global Research for Safety

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Head of Department

4th European MELCOR User Group (EMUG) Meeting
April 16/17, 2012
GRS Cologne

Data and Facts

- about 450 employees at fore German locations
- about 350 researchers (engineers, physicist, chemist, geologist)



ISTec - Institut for Safety Technology
(daughter of GRS, located in Garching)

RISKAUDIT
(daughter of GRS/IRSN located in Paris)

General Activities

Reactor Safety Analysis & Research

- safety analysis
- PSA
- crisis team
- research and code development (ATHLET-CD, COCOSYS, ASTEC)



Nuclear Waste Management



Radiation & Environment Protection



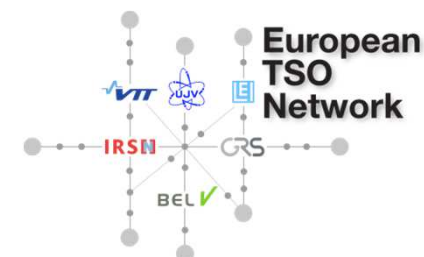
Non-nuclear Techniques

- geothermal topics
- other activities



International Activities

- Cooperation within European TSO Network (ETSON) and within EUROS SAFE conference,
- Participation in international research projects (OECD/NEA) and Cooperation with foreign Institutes,
- Work for traditional German Ministries and within international Projects,
- Contribution to common EU projects and international organizations (f.e. IAEA, OECD/NEA)
- Work for international clients/authorities (Netherlands, UK, Argentina, Eastern European Countries, ...)



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit



Bundesministerium
für Wirtschaft
und Technologie



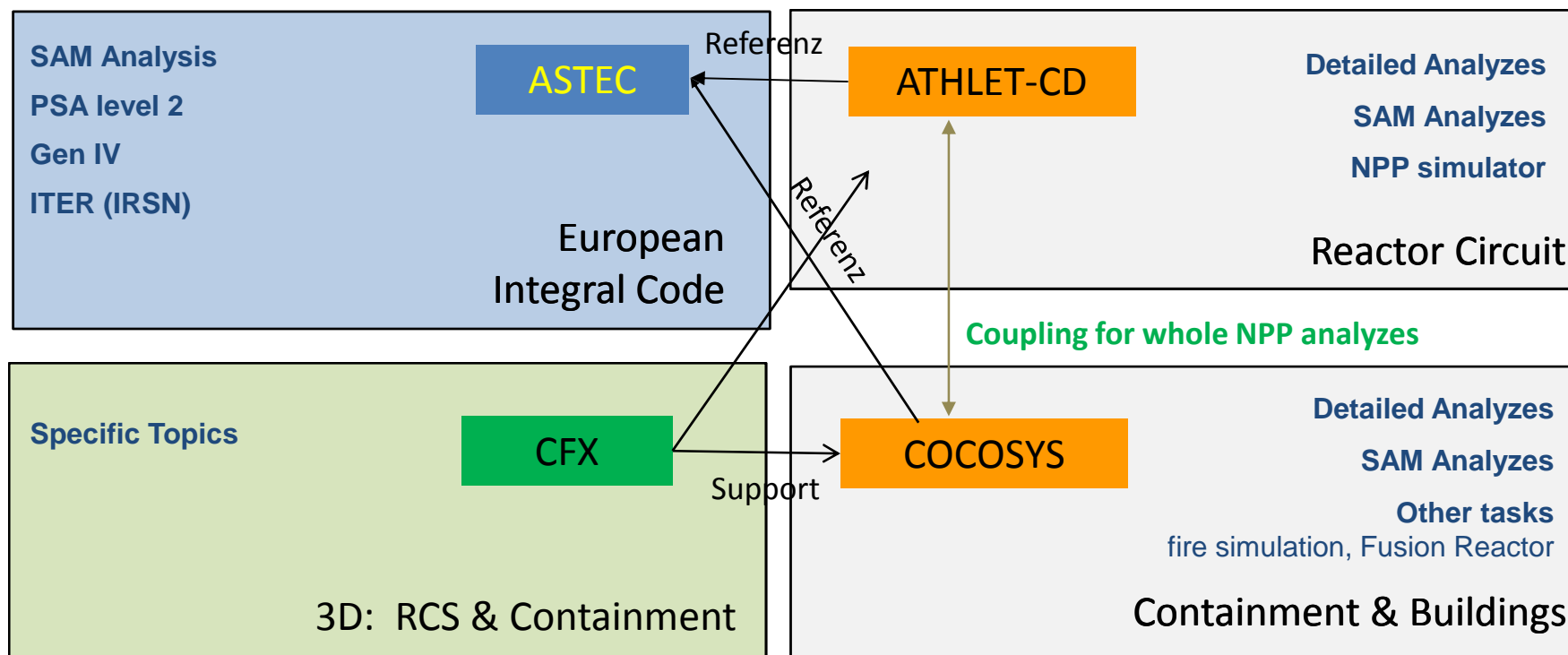
Auswärtiges Amt



Ministerie van Volkshuisvesting,
Ruimtelijke Ordening en
Milieubeheer

GRS Code Strategy

- **use of different codes – separately and coupled**
 - Detailed codes **ATHLET-CD** & **COCOSYS** (GRS)
 - European Integral Codes **ASTEC** (IRSN/GRS) and MELCOR (SNL)
 - 3D Code **CFX** (ANSYS)



MELCOR related Activities

