



European Hydrogen and Fuel Cell Technology Platform

***EU HFP Cross Cutting Issues (IP XCI):
Regulatory Activity , Codes and Standards for the
HyConomy***

HarmonHy Final Conference

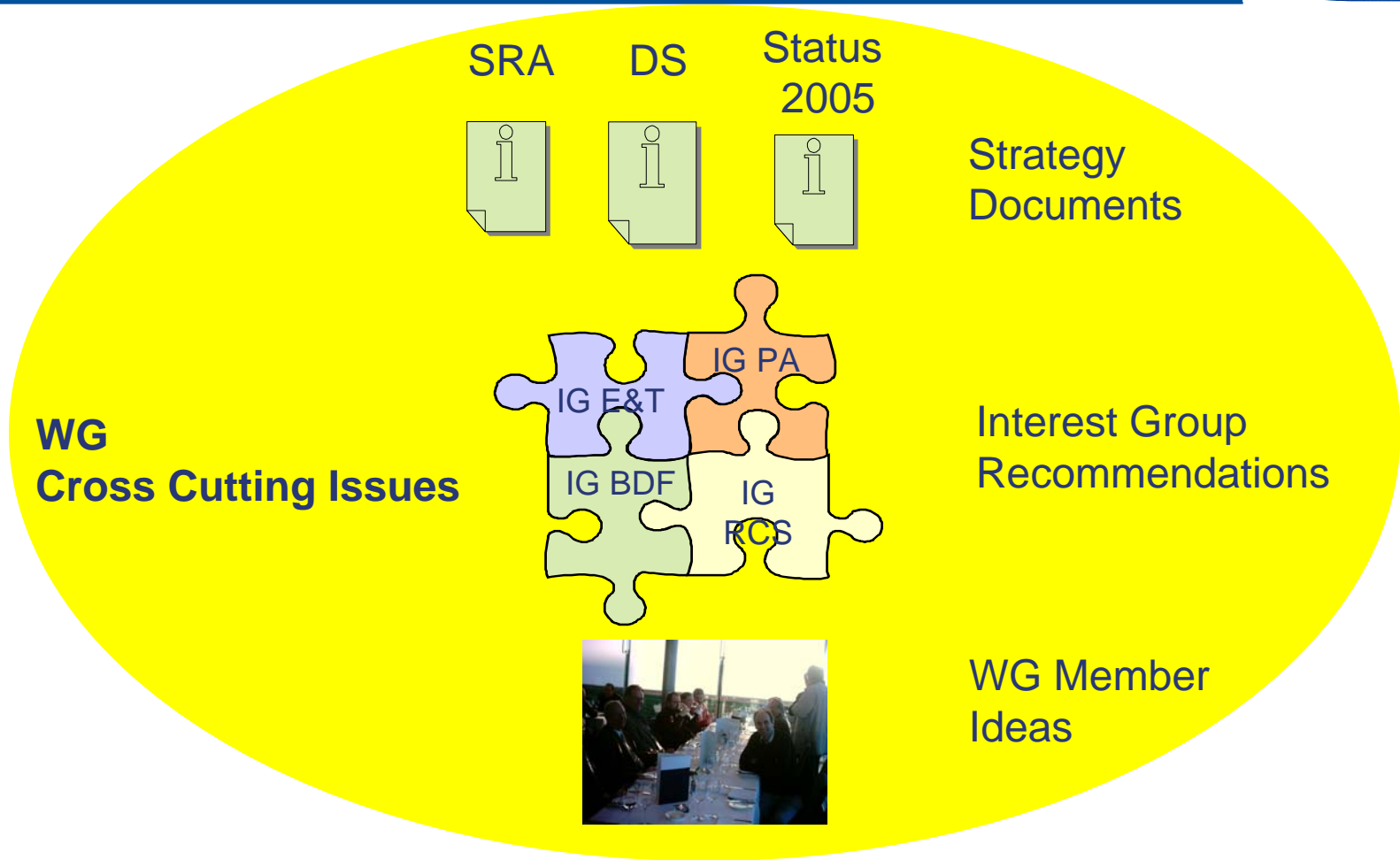
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WG XCI Leader

Inputs

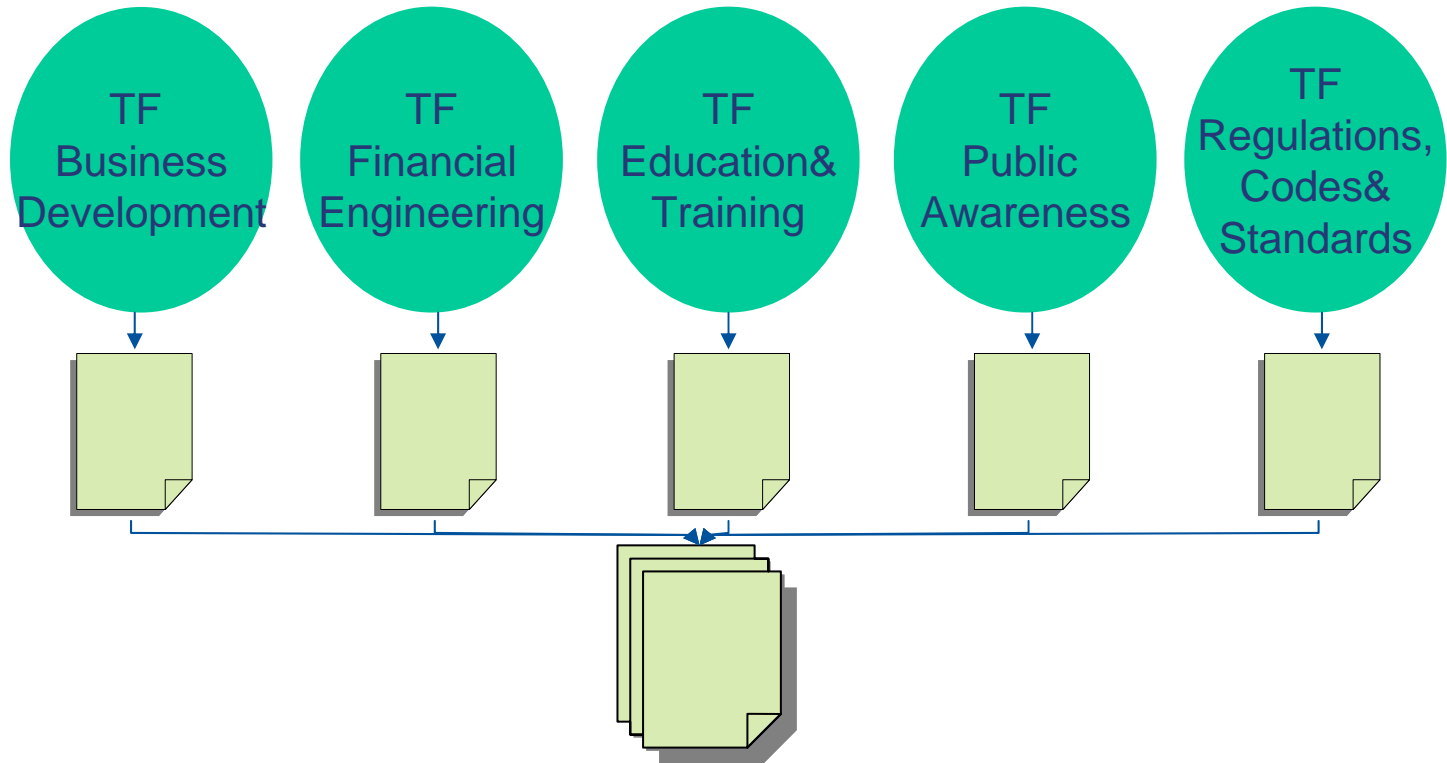




Overall Organisation and Status

- ✓ TF Financial Engineering
- ✓ TF Business Development
- ✓ TF Education & Training
- ✓ TF Public Awareness
- ✓ TF Codes, Regulations & Standards
- ✓ Cross Cutting Technologies acc. to SRA
- ✓ Recycling Issues

Original Approach

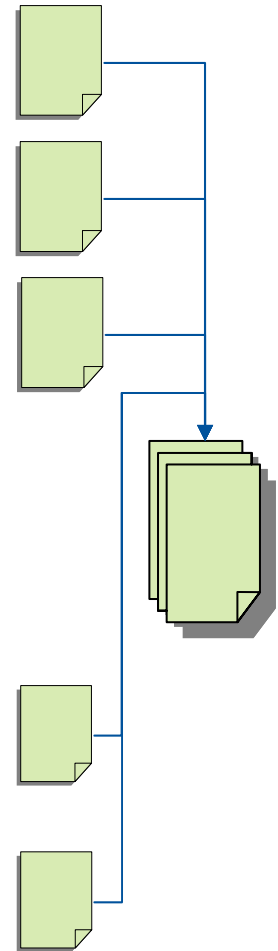
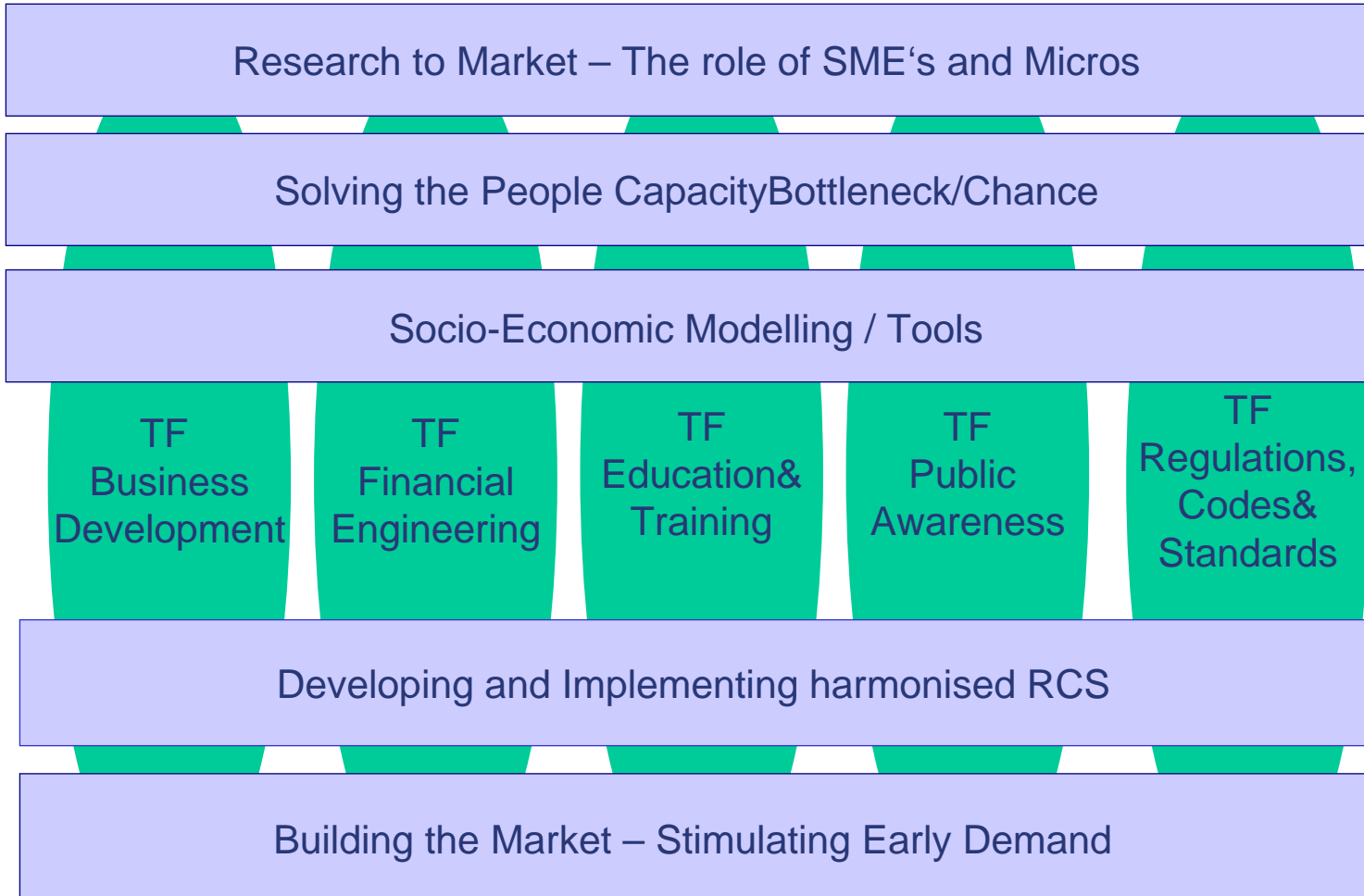


Led to too many actions

Regular critique: no progress over IG Recommendation



New Approach: Cross Cutting in Cross Cutting





- **Development of a coordinated European Strategy towards RCS**
- **Supporting the relevant directive initiatives**
- **Road vehicle logistics**
- **In-door use of H2 and Fuel Cell Devices**
- **Grid-Interconnect RCS**
- **Aerospace RCS Development**
- **Maritime Transport RCS Development**
- **Rail Transport RCS Development**

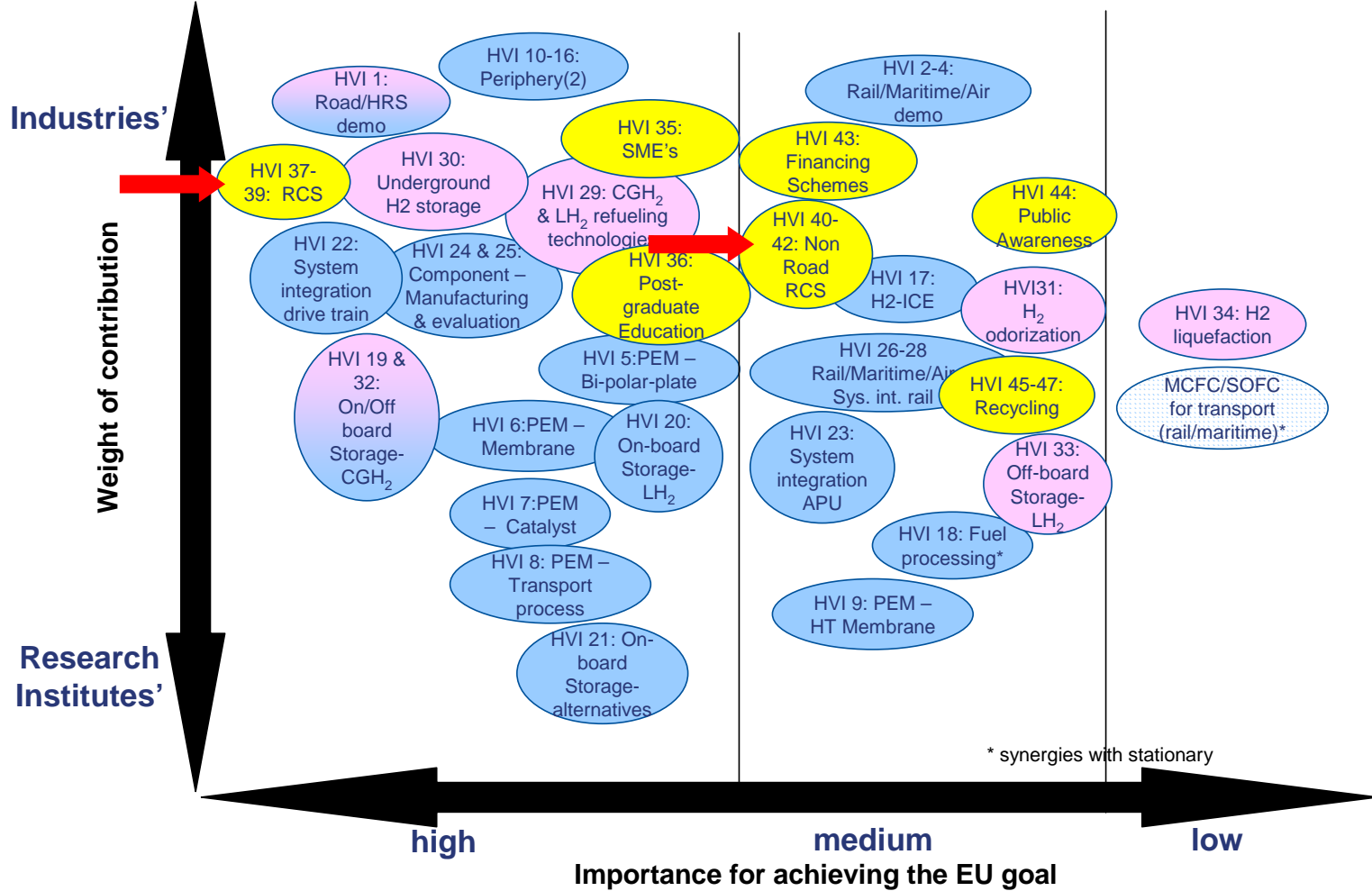


XCI Proposed Action Plan

Action N°	Area	Title		Lead Application
X15	<i>Developing and Implementing Harmonised Regulations, Codes and Standards</i>	Development of a coordinated European Strategy towards RCS	€70 Mio	TRA
X16		Supporting the relevant directive initiatives		TRA
X17		Road vehicle logistics		TRA
X18		In-door use of H ₂ and Fuel Cell Devices		EPM
X19		Grid-Interconnect RCS		STA
X20		Aerospace RCS Development		TRA
X21		Maritime Transport RCS Development		TRA
X22		Rail Transport RCS Development		TRA

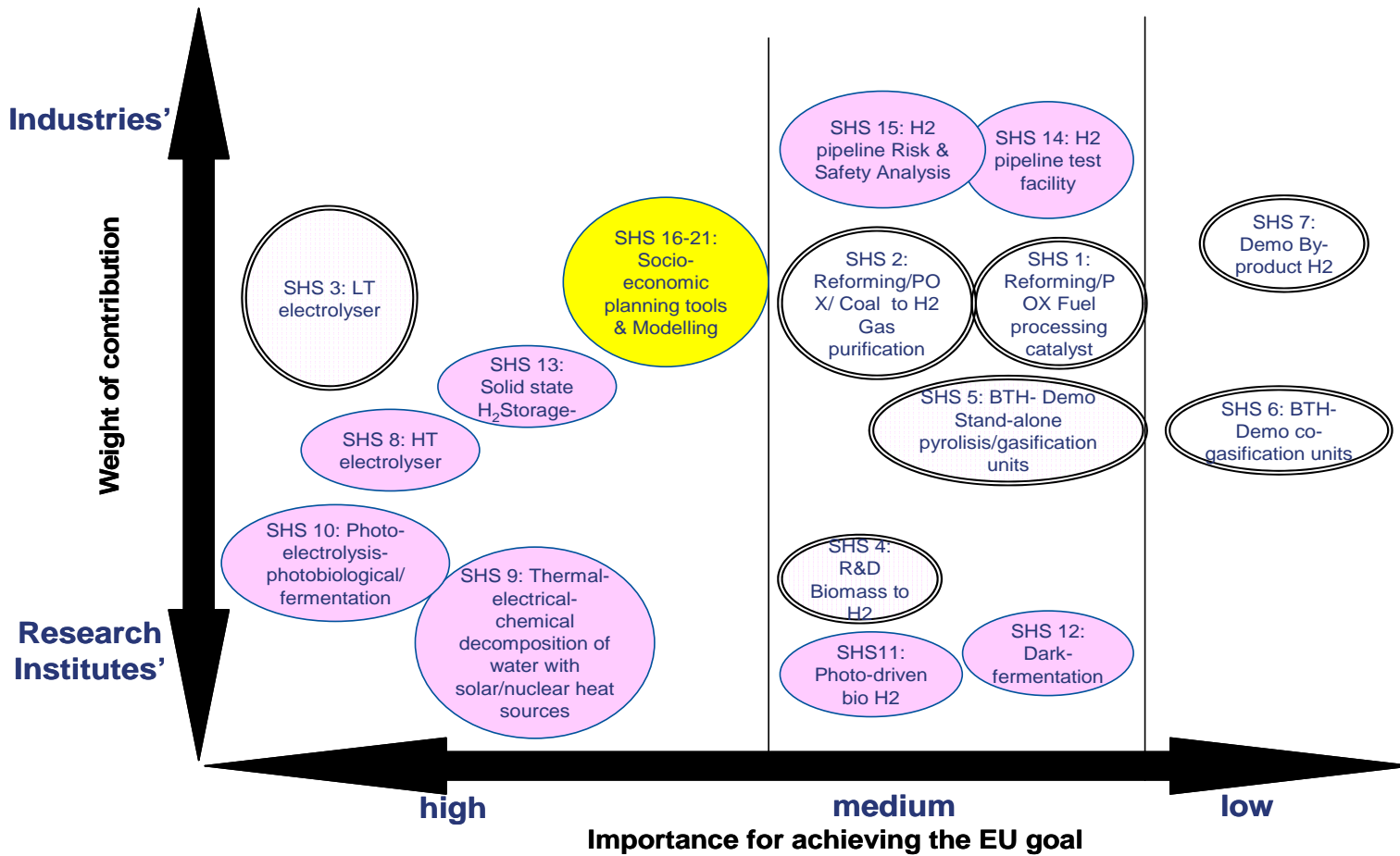


IDA 1: H2 vehicle and infrastructure technologies

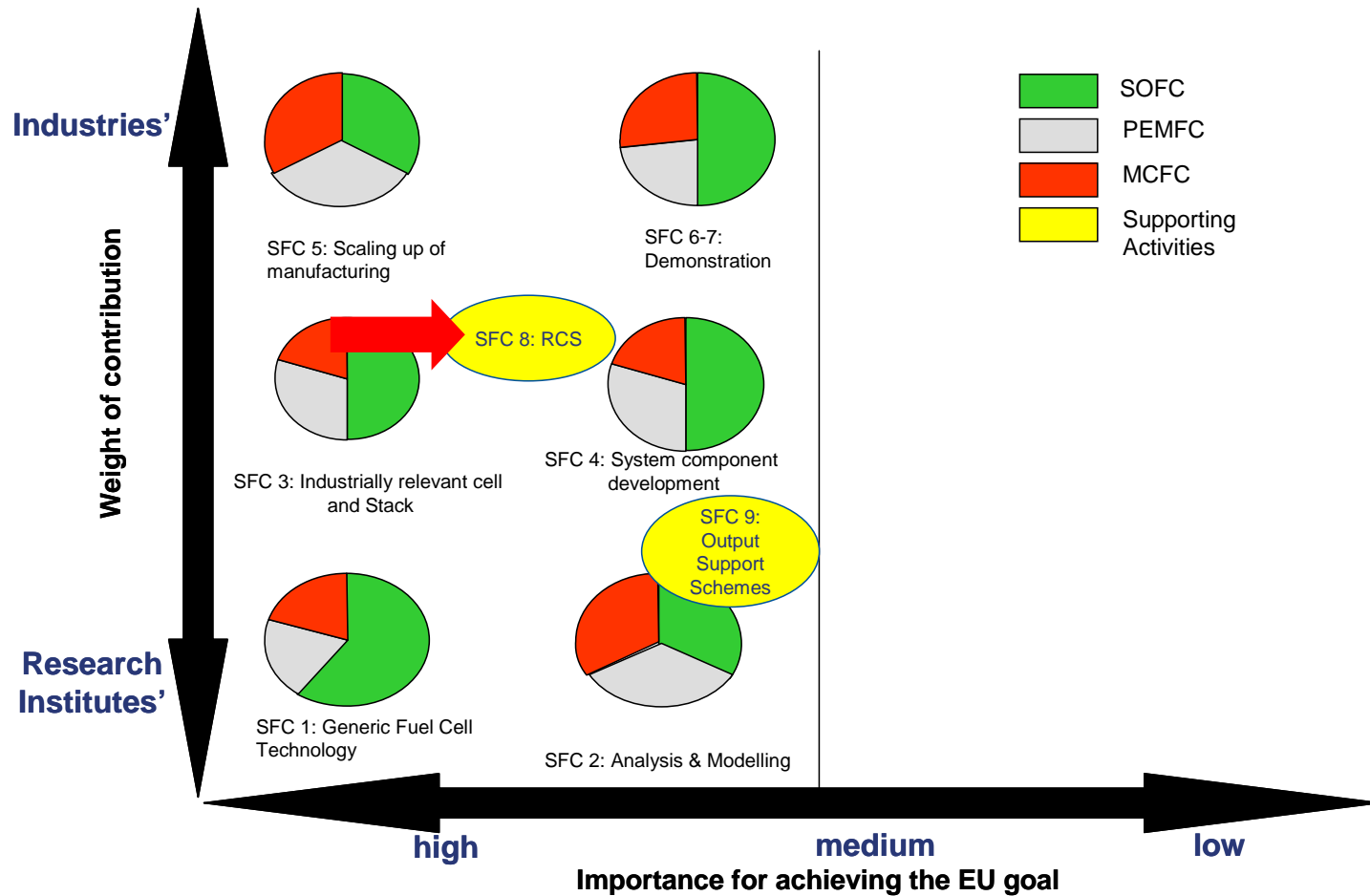




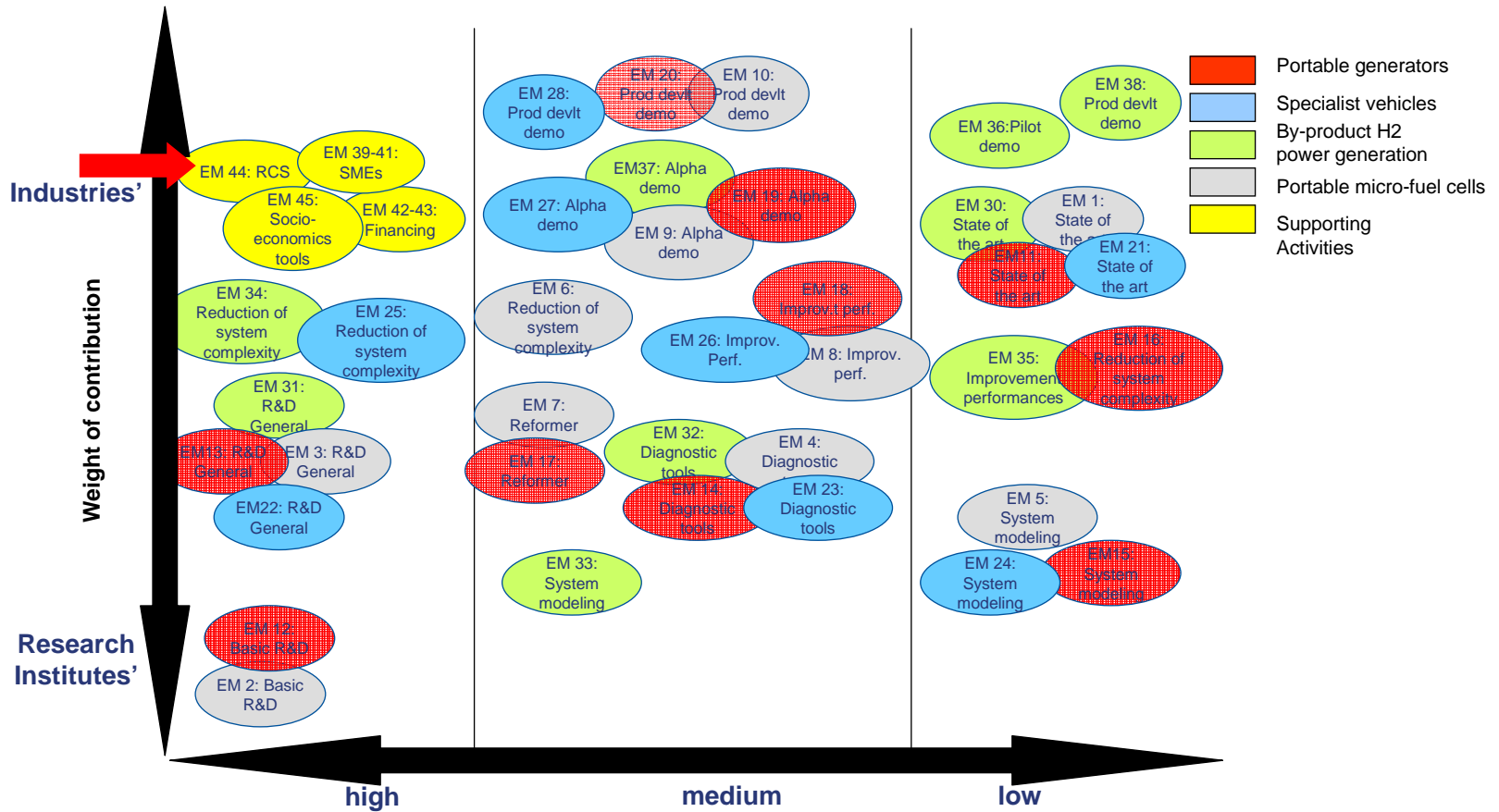
IDA 2: Sustainable Hydrogen Supply



IDA 3: Competitive Fuel Cells for CHP and Power Generation



IDA 4: Fuel Cells for Early Markets





WG XCI Position on RCS Proposal

- As can be seen from the approach used by the XCI Group, we do not have a position on organisational structure, as this was not in our ToR
- In general, we believe that management overheads should be as lean as possible, so permanent structures are seen with some scepticism
- However, RCS work is largely driven by industry and the industry has indicated that it would see that there is a need for a coordinating effort and considers it a necessary brief/mission for the JTI Program office



Thank You for Your Attention

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