Joining Sub-Platform

to Manufuture

General Assembly

Rob Scudamore – Secretariat Chair



Join us at: www.joining-platform.com

09.00	*Registration & Refreshments*	
09.30	Welcome Address and EC update from the European Commission	Neophytos Neophytou - EC Arnaud Petein - EC
09.50	Joining Platform Committee Introduction	Robert Scudamore - Meeting Chair
10.15	EFFRA and Future Potential for Joining	Chris Decubber - EFFRA
10.30	DG R&I - Research Fund for Coal and Steel	Bjorn Debecker - RFCS
10.45	DG for Education and Culture	Felix Rohn
11.00	Joining Sub-Platform Strategic Research Agenda	Amanda Allison – SRA Coordinator
11.15	Industrial Challenges in Joining	Ernst Miklos - The Linde Group Martin Peruzzi - Böhler Welding Group
11.45	Project Ideas: 1. Volker Niebel - RWTH Aachen University 2. Norbert Huber - Institut für Werkstoffforschung 3. Katja Haferburg - Fraunhofer IWU 4. Damjan Klobčar- University of Ljubljana 5. Jan Skogsmo - Swerea IVF 6. Altino Loureiro - University of Coimbra 7. Margarida Pinto - ISQ 8. Amanda Allison - TWI	
12.45	*Buffet Lunch and Networking*	
13.45	Joining Projects: 1. Flexi-Fab - Eurico Assunção 2. Lawendel & Extra-Laser - Norbert Huber 3. SmartDress - Amanda Allison	
14.30	ManuFuture and EU Challenges Societal - Training and Education Environmental - Renewable Energy	Arun Junai Luisa Coutinho - ISQ Jens Jerzembeck - DVS
15.15	Summary and Future Actions	Robert Scudamore - TWI
15.30	*Meeting Close*	

Introduction



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Overview

- **Recap - Aims of Joining Sub-Platform**
- **Facilitators – Joining Sub-Platform**
- **1st General Assembly Discussions**
  - Key Points
  - Overall Response
  - Feedback
  - Main Actions
- **Progress**
  - Joining Sub-Platform Members
  - Joining Sub-Platform SRA – 2014
  - Collaboration and Clustering - Approach

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Recap - Aims of Joining Sub-Platform

- Gain Joining network support through Membership of Platform
- Draft Strategic Research Agenda consultation document
- Promote Collaboration and Clustering for Economical, Societal and Environmental benefit/impact

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Facilitators – Joining Platform

Industrial Chair: K Martinsen (SINTEF Raufoss Manufacturing AS)
Secretariat Chair: R Scudamore (TWI)
Strategic Agenda: A Allison (TWI), J Jerzembeck (DVS)
Coordination and Clustering Champions: E Assunção (EWF), J Skogsmo (Swerea IVF)

DVS, EWA, EWF, Swerea IVF AB, SINTEF Raufoss Manufacturing AS, TWI Ltd, Tecnalia

Chair: K Martinsen (SINTEF Raufoss Manufacturing AS)
Ernst Miklos Linde, Steve Beech Rolls-Royce….

Aim >1000, Large representation of industry

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JOINING

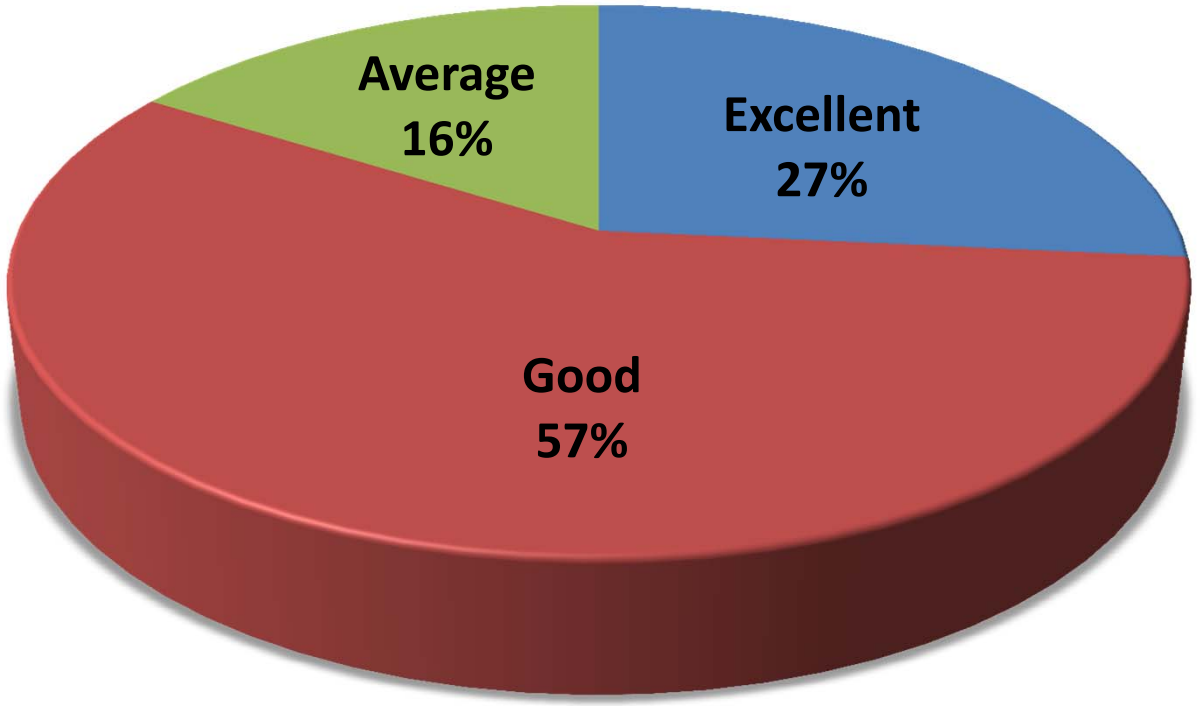
1st General Assembly – Key Points

- Added value created by joining and its importance within manufacturing (€65 billion in 2010, >1.25 million employees)
- Joining impact potential (economic, social & environment)
- Need for the platform to be industry led (Industry voice)
- Need for a coordinated strategy (aliment with industry challenges and its mobilisation to deliver priorities)
- Funding Opportunities (FoF - Direct interest in 2015)
- Accelerating R&D projects and their results into industry (crossing the valley of death)
- Developing a competitive advantage (collaborative projects)
- Importance of clustering (addressing common issues)

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1st General Assembly – Overall Response

43% of attendees responded

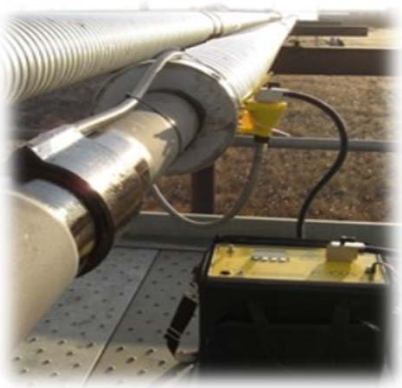


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1st General Assembly – Feedback

Q: What joining and welding related research topics do you feel are priority?

- Joining dissimilar materials
- Production pilot lines
- Industry exploitation
- Structural health monitoring
- Micro joining
- Light-weight materials
- Automation
- Solid state joining
- Laser welding
- Welding and NDE
- Adhesive joining
- Mechanical joining







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1st General Assembly – Feedback

What areas do you think need focusing on in future meetings?

- Specific joining methods and research areas
- Networking/research topics, presentation of examples
- Clear work plan
- ‘Forum’ breakout to develop collective thinking
- Human related topics/prioritising. Beyond industry
- Disseminating information
- Successful applications by sector (industrial)
- Successful partnerships that stem from this platform
- Generation of consortiums

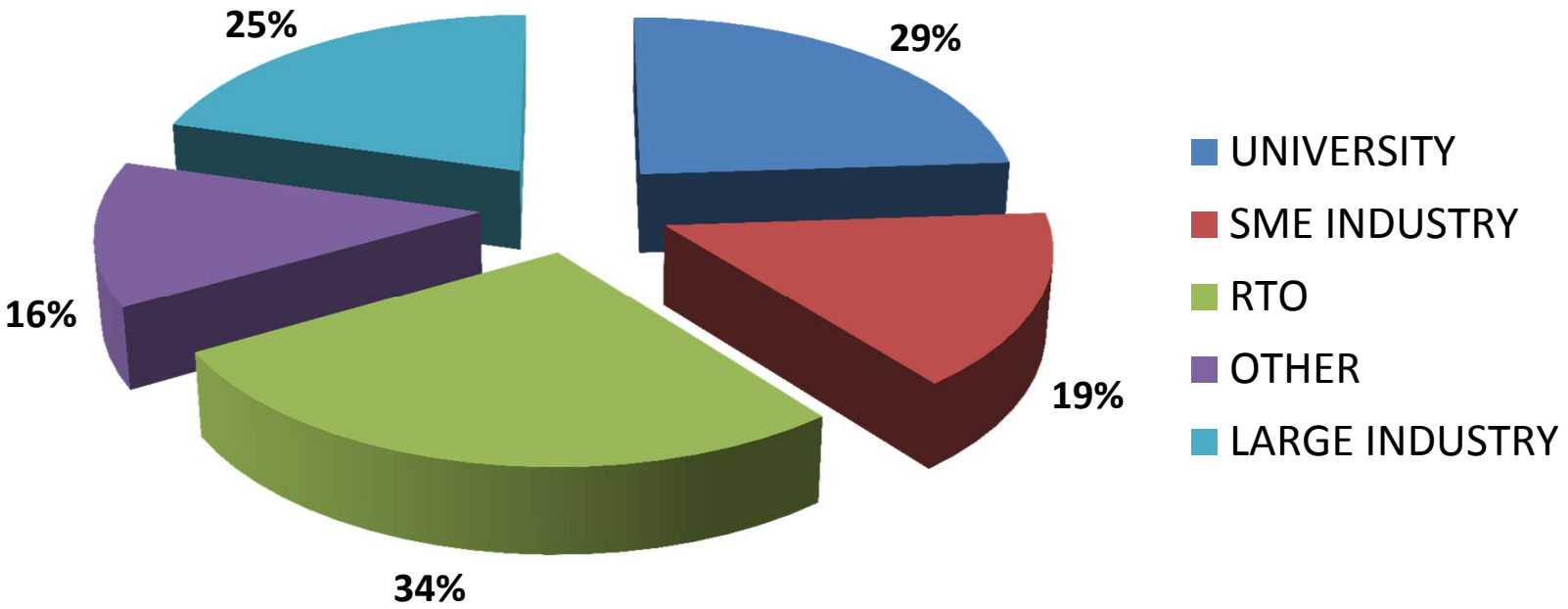
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1st General Assembly – Main Actions

- Incorporate Stakeholder input in the SRA and close off 2013 version
- Incorporate a timeline of priorities into future SRA document
- Include the TRL for the topics in the future SRA
- Ensure links with societal challenges
- Investigate links with other technology platforms
- Incorporate clustering event into next GA

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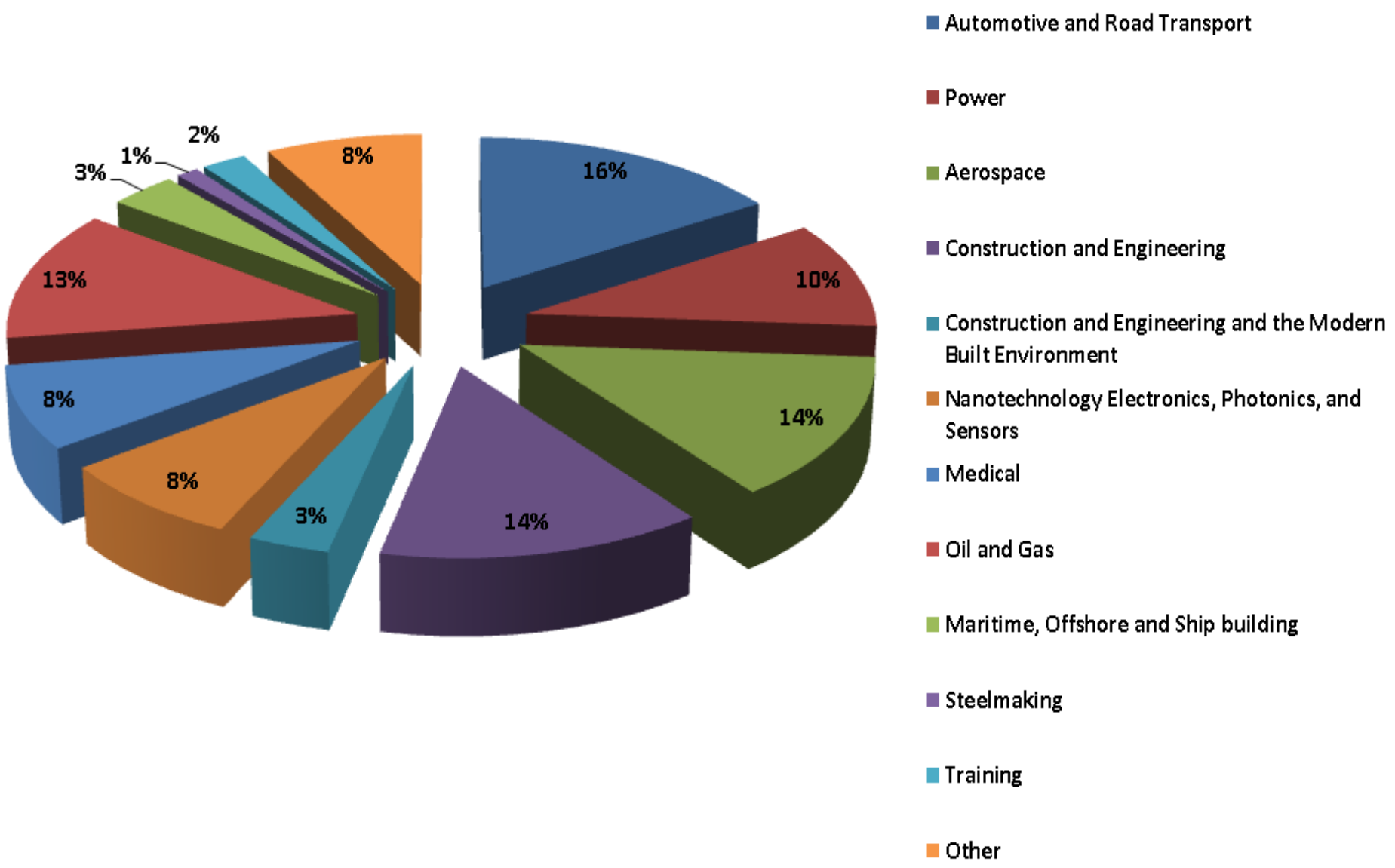
Progress - Joining Sub-Platform Members



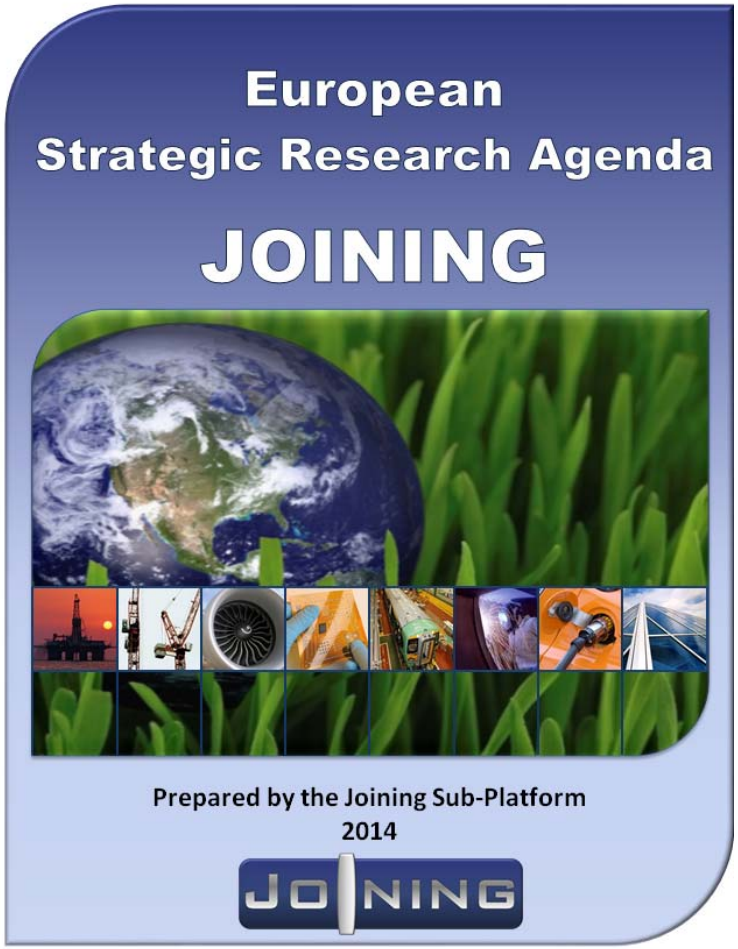
Total to date – 363

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Progress - Joining Sub-Platform Members



Joining Sub-Platform SRA - 2014



- Stakeholder Input – 2013 Version Closed
- Member Survey Introduced
- Timeline of Priorities Developed
- Technology Readiness Level Identified

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Future Collaboration and Clustering - Approach

- 2nd General Assembly Brussels:
  - Joining projects (Clustering)
  - Joining addressing EU challenges (impacts)
  - Project ideas and funding opportunities (2014/2015)
  - Networking (dissemination and exchange of information)
- 3rd General Assembly (Nov 14) Brussels:
  - Collaboration focus (break out sessions for project ideas)
  - Industry challenges (accelerate R&D results into industry)
- 4th General Assembly (May 15) Located at TWI?:
  - Clustering focus (addressing common issues)

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Joining Sub-Platform Information

Thank You!

Further information available at:

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