

On 11 March 2025, the 9<sup>th</sup> VMAP SC General Assembly meeting, where 16 individuals represented the following 13 companies

**Fraunhofer SCAI**  
**NAFEMS**  
**Hochschule Bonn Rhein Sieg**  
**REDEN BV**  
**SIMCON**  
**inuTech**  
**Convergent**  
**Part Engineering**  
**Key-to-Metals**  
**DYNAMore**  
**Aerobase**  
**SINTEF**  
**Transvalor**

, was held via MS Teams.

Of all the persons who attended the meeting, only one person has the power of attorney to vote in the meeting. The attendance list and authorizations are an integral part of these minutes.

The chairman Klaus Wolf (Fraunhofer SCAI) opened the meeting. He welcomed the attendees and explained the purpose of the meeting.

Agenda:

1. New Members- AeroBase, GKN Aerospace, SINTEF, HS BonnRheinSieg
2. Re-Election of the board of directors for the next period of 2 years
3. VMAP User Forum Feedback
4. VMAP for Additive Manufacturing
5. VMAP WG Wrapper
6. WG Full Models - Updates and plans
7. Ontologies - Combining format standards with semantic annotations and concepts
8. IAM-I - The Innovative Advanced Materials Initiative

The agenda was adopted unanimously.

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#### **New Members**

The new members of the VMAP SC introduced themselves and their purpose of joining the VMAP SC

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#### **Re-election of Board Members**

The Chairperson, Vice-Chairperson and Treasurer are elected for a period of 2 years.

The voting was carried out online via MS Teams and a vote was cast by using the 'hand raise' feature in the MS Teams. Lambert Russcher from Reden was appointed as the election officer.

For the position of Chairperson,

- Klaus Wolf nominated himself.
- No other person nominated themselves.
- Election Officer asked for votes in favour and 10 Members used the 'hand-raise' feature to cast their votes.
- No votes were cast against.
- There was 1 vote of abstention
- **Klaus Wolf** was appointed as the **Chairperson** of the VMAP SC.

For the position of Vice-Chairperson

- Olaf Bruch nominated himself.
- No other person nominated themselves.
- Election Officer asked for votes in favour and 11 Members used the 'hand-raise' feature to cast their votes.
- No votes were cast against.
- There was 1 vote of abstention
- **Olaf Bruch** was appointed as the **Vice-Chairperson** of the VMAP SC.

For the position of Treasurer

- Albert Roger Oswald nominated himself.
- No other person nominated themselves.
- Election Officer asked for votes in favour and 11 Members used the 'hand-raise' feature to cast their votes.
- No votes were cast against.
- There was 1 vote of abstention
- **Albert Roger Oswald** was appointed as the **Treasurer** of the VMAP SC.

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#### **VMAP User Forum Feedback**

- February 18-19, 2025, at Schloss Birlinghoven
- 30 Industry experts in a 2-day knowledge exchange
- The forum featured rich discussions spanning multiple domains: Additive manufacturing, Material sciences, Multi-physics modelling advancements, Data standardization requirements

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#### **VMAP for Additive Manufacturing**

VMAP Standard is being used by many of the EU projects and there is an interest from various project partners to adapt/extend VMAP for AM. There are discussions going on to set-up a new working group largely focussing on the extension of the standard for the Additive Manufacturing domain.

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### **VMAP WG Wrappers**

Joint/Shared Development Platform

- GitHub is being set-up
- NAFEMS can support this group.

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### **WG Full Models**

The Working group has voted on the storage structure of boundary conditions. The plan for development is still under ongoing.

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### **Ontologies**

Engineering data management faces challenges from diverse domain semantics and ontology systems. The VMAP standard extensions could provide consistent meta parameter definitions and unambiguous semantic classification across engineering disciplines. More details to follow in the next meeting.

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### **IAM-I - The Innovative Advanced Materials Initiative**

The main goals of this initiative are:

- Set up and maintain an updated R&I Agenda built on resilient & circular materials value chains, IAMs and associated technologies, cross-enabling tools & methodologies.
- Cooperate with institutions and other stakeholders to define areas of intervention.
- Establish a collaborative hub and a vibrant ecosystem for the IAMs stakeholders.
- Position IAMs-based products and services as key enablers for addressing Europe's societal and environmental challenges.
- Define education & training needs to boost Europe's competitiveness and sovereignty within the area of IAMs.

VMAP SC could become an associate member of this initiative as the goals of VMAP SC are largely aligned with the goals of IAM-I.

Sankt Augustin, 09 April 2025

Chairperson  
Klaus Wolf