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1. Executive Summary

An advisory board has been formed within the WeldGalaxy project. Its members are world experts from bodies that represent arc welding industrial associations, arc welding equipment manufacturers and end-users as well as leaders from commercial and IP backgrounds. Their role is to advise the consortium on the relevance of the various technical and exploitation activities and to review the progress of all activities within the WeldGalaxy project.



2. Introduction

Figure 1 shows the organisational structure of the WeldGalaxy Consortium. One of the Consortium bodies is the Project Advisory Board, which consists of leading experts drawn from a wide range of related disciplines (Commercial, IP, arc welding equipment manufacturers, arc welding associations, arc welding end-users etc.) to ensure that all the strategic guidance requirements of the WeldGalaxy project are covered.

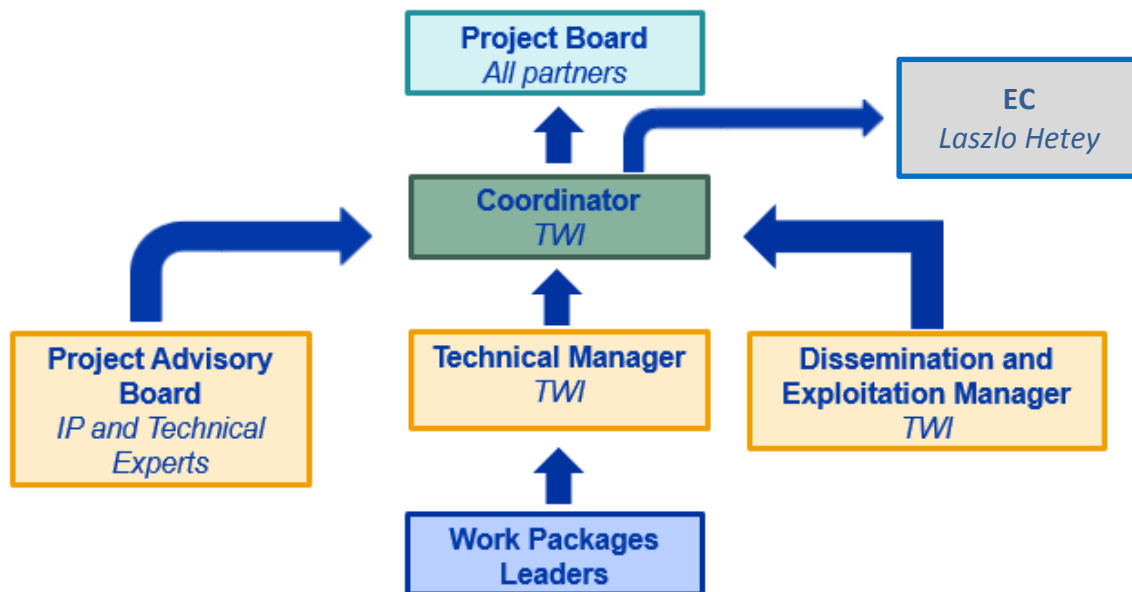


Figure 1: Project management organisation.

The selected members are grouped in two boards: a *Commercial Board* which consists of two experts with commercial and IP background (see Section 3) and a *Technical Board* with potentially five advisors from technical background (see section 4). Note that these members will not bear an executive responsibility but will be in regular contact with all WeldGalaxy partners in order to advise them on the relevance of the various technical and exploitation activities and to review the progress of all activities. The members of the Advisory Board will meet the Project Board once a year (to coincide with one of the Project Board ordinary meetings).

3. Commercial Advisory Board

The Commercial Advisory Board will assist the partners in identifying intellectual property attached to results generated during the project, the appropriate way to protect such intellectual property rights and commercially valuable knowledge arising from the project.

The commercial Advisory Board has two advisors from commercial and IP backgrounds (see Table 1).

John McManus has extensive experience of technology transfer and exploitation of IP, whilst Juhani Pääkkönen is a business coach and consultant on early stage start-ups with experience in H2020 projects.



Table 1: Commercial Advisory Board Members

Name	Role/Organisation	LinkedIn
Dr. John P. Mc Manus	Intellectual Property Specialist Self-employed	https://www.linkedin.com/in/dr-john-p-mc-manus-0a761a19/?originalSubdomain=uk
Juhani Pääkkönen	Managing director at Aldanella Oy Business coach - European Union H2020 SME Instrument	https://www.linkedin.com/in/juhani-p%C3%A4%C3%A4kk%C3%B6nen-b3a4a/?originalSubdomain=fi

4. Technical Advisory Board

The Technical Advisory Board is responsible for monitoring all technical work and advising on compliance to relevant national and international regulations. The members will ensure that the WeldGalaxy platform addresses the needs within the arc welding community in national, European and international landscapes.

The members represent end users, arc welding equipment manufacturers and industrial associations/federations such as the European Welding Federation (EWF), the European Welding Association (EWA) and CEEMET. They all have an in depth knowledge of the welding industry but from different perspectives including B2B transactions, regulation, education and training.

A presentation was made to the EWA Executive Committee, but the general manager Guy Missiaen declined an invitation to the Advisory Board. EWA members decided that representation should be made by individual members rather than by the organization.

Members of the Advisory Board will receive briefings on the progress of the project and will make recommendations. They will be paid travel and subsistence costs to attend an annual meeting. They will not bear any executive responsibility but will be in regular contact with the project board.

The Technical Advisory Board was formed in January 2019, but since then some changes have occurred due to the availability of the original members. However, by assigning deputies to some of the members, this has strengthened the board bringing in additional areas of experience.

The WeldGalaxy platform will include not just suppliers of arc welding equipment and consumables but also services such as testing, training and education, together with providing information on health, safety and the environment. The Technical Advisory Board is therefore made up of members who can advise on all these aspects of the arc welding industry.

Clearly an advisor from an arc welding equipment manufacturer is a prerequisite for the Advisory Board and we are very pleased to have Prof. Dr. Emil Schubert, who is the Managing Director of Alexander Binzel Schweisstechnik GmbH & Co. KG. His company is one of the leading independent European manufacturers of arc welding products. Prof. Schubert has extensive experience in manufacturing and selling products into the welding industry and is also a member of the EWA. Prof. Schubert has nominated Dr Sascha Rose as his deputy. Dr Rose, is Head of Research and Development and Technical Services at Binzel.

For arc welding consumables manufacture we are pleased to have Alexander Fliess as a Technical Advisor. Mr Fliess is the CEO of Hermann Fliess&co GmbH, an independent European manufacturer of arc welding consumables, founded in 1915. Mr Fliess is also an active member of EWA. Mr Fliess

proposed Dr Graham Holloway, the Technical Director of I A Barnes & Co Ltd, as his deputy. Mr Holloway has extensive experience in the arc welding industry, both in arc welding consumables manufacture and as a distributor of arc welding products. We have decided to appoint Dr Holloway as an advisor in his own right, due to his extensive experience in the distribution of arc welding products.

Mathias Lundin brings considerable experience of the arc welding industry to the Advisory Board. As well as being the CEO of the Swedish Welding Commission, he is also a International Welding Engineer with 25 years experience in the industry. Dr Lundin is also involved in standardisation in welding and health and safety matters.

John Harkin represents CEEMET, the European Organisation for Employers in the metal working industries. As well as representing customers of the WeldGalaxy platform, he brings experience of EU Regulations and Directives affecting the arc welding industry.

Dr Eurico Assunção is Deputy Director for the European Welding Federation (EWF) and has a doctorate in welding engineering. EWF is responsible for education, training, qualification and certification in the field of welding and related technologies. It also facilitates a harmonised European scheme for welding company certification and certification of welding personnel.

In addition to the Advisory Board, end users of welding equipment and processes will be invited to provide feedback through TWI panel meetings and other similar events. TWI is a membership based organisation with about 1000 industrial members worldwide, covering all industrial sectors from automotive to power generation.

A list of members of the Technical Advisory Board is given in Table 2.

Table 2: *Technical Advisory Board Members*

Name	Role/Organisation	E-mail/LinkedIn
Prof. Dr. Emil Schubert	Managing Director of Alexander Binzel Schweisstechnik GmbH & Co. KG (EWA representative)	https://www.linkedin.com/in/emil-schubert-6778662b/
Alexander Fliess	Herman Fliess & Co GmbH	https://www.linkedin.com/in/alexander-fliess-342a3738/
Dr Graham Holloway	I A Barnes & Co Ltd.	https://www.linkedin.com/in/graham-holloway-ab9634b/
Dr Mathias Lundin	Chief executive of the Swedish Welding Commission	https://www.linkedin.com/in/mathiaslund/
John Harkin	Senior Policy Advisor of CEEMET - European Technology and Industry Employers	https://www.linkedin.com/in/john-harkin-50b88540/
Dr Eurico Assunção	Deputy Director of European Welding Federation (EWF)	https://www.linkedin.com/in/eurico-assun%C3%A7ao-aaab5212/?originalSubdomain=pt