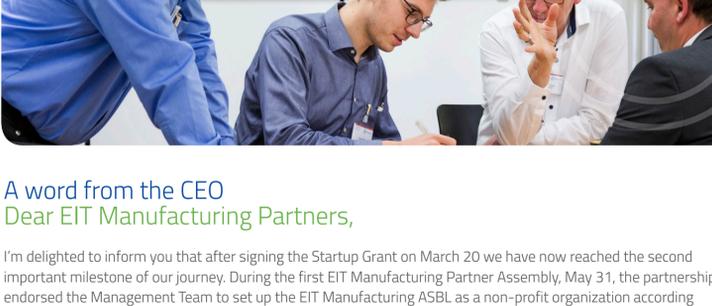


Newsletter 05/2019



A word from the CEO

Dear EIT Manufacturing Partners,

I'm delighted to inform you that after signing the Startup Grant on March 20 we have now reached the second important milestone of our journey. During the first EIT Manufacturing Partner Assembly, May 31, the partnership endorsed the Management Team to set up the EIT Manufacturing ASBL as a non-profit organization according French Law. The registration at the French authority will be done within the next days. Afterwards you all will be invited to join the **EIT Manufacturing Association** by signing the **Accession Letter**. Meanwhile, huge progress is also being made in developing the **EITM Strategic Agenda 2020 to 2026** and the **EITM Business Plan 2020**. A big THANKS to all of you for your very valuable inputs for both documents during the strategic workshops held in every CLC and during the Calls for Proposal, which closed today May 31 at 18:00 CEST. The evaluation/review of the main-Call proposals by the external Experts will take place in June and final feedback will be available by July 12. Both documents have to be delivered to the EIT in mid-September. Therefore, we will invite you for the **second Partner Assembly of EIT Manufacturing** early in September to get your final approval for both; the Strategic Agenda 2020 to 2026 and the Business Plan 2020. Further I'm excited to announce the birth of our own official website. In the coming weeks we'll announce the 'go-live' moment. Meanwhile, our social media channels are building a strong community base. **We await your contribution** – through news, events and opportunity announcements – inviting and informing our community about your activities. Let's show the world all the impressive work you are doing!

On a final and personal note, I'm honored that the **Interim Supervisory Board has chosen my application as the most suitable for the position of the permanent CEO of EIT Manufacturing**. It will be a pleasure and an honor to serve the partnership further in this position. I'd like to thank each one of you for your trust and your commitment.

Education Working Group Meeting in Darmstadt (2-3May2019)

On May 2 and 3, more than 25 experts from Education, Research and Industry met for the **second physical meeting of the Education Working Group (EWG)** in the **ETA factory** of the Institute for Production Management, Technology and Machine Tools (PTW) at **TU Darmstadt**. Future EIT-certified Master and PhD programmes in the Manufacturing domain, Digital Learning, Teaching and Learning Factories were the main topics under discussion. Creating value for the learners and for the industry, making use of existing assets, developing sustainable business models are the fundamental points for the EIT Manufacturing education strategy. The EWG discussed the proposals and made valuable suggestions for further refinement, which will be used to setup an infrastructure project for the Business Plan 2020. Paola Fantini (Politecnico di Milano and Interim Education Co-Director of EIT Manufacturing) appreciated all the participants' suggestions and stated that "compliance with the EIT Label will be mandatory, but the programs will also leverage and integrate Teaching & Learning Factories, as well as digital learning. I expect that together we will do a great job."

Reinhard Pittschellis (FESTO didactic and Interim Education Director of EIT Manufacturing) added that "the help of so many experts is invaluable. In an intense but focused discussion, we were able to set the framework for our Guided Learning Platform, which will support Europeans manufacturing workforce with powerful on the job learning programs and European manufacturing students with state-of-the-art digital learning media."



Strategic Innovation Agenda — CLCs in Action (06-16May2019)

From May 6 to 16, the five EIT Manufacturing Co-Location Centres (Bilbao, Darmstadt, Gothenburg, Milano and Vienna), hosted **workshops**, in order to **outline relevant topics to the Strategic Innovation Agenda (SIA)** for European manufacturing technology.

Approximately 25 participants attended each workshop, reaching in total over 120 European experts from industry, education and research, that gathered during these days to discuss future challenges of the European manufacturing sector, focusing on Strategy, Operations and Impact & Results. The main topics under discussion were: the potential fields of application — namely products, processes and business models — for emerging technologies, skill gaps and needs of training in the manufacturing sector, as well as the lack of current entrepreneurship and intrapreneurship support ecosystems.

All participants were highly engaged on finding solutions to close the identified gaps, so at the end of the workshop, a series of challenges had been identified, but also several viable and practical solutions of this was only possible due to the **great involvement of all partners**, which were fully prepared to provide inputs. Excellence, having contributed with a solid basis for further development of the SIA of EIT Manufacturing.



Women in Tech event in Paris (15May2019)



On May 15, the Women in Tech Challenge took place in Paris. The event was organised by Women in Tech, an international non-profit organisation that aims at closing the gender gap and helping women and girls embrace technology.

The purpose of the challenge was to **recognise initiatives that have helped improve diversity and women empowerment in technology** at school, at work, and in society in general. To do so, the nominees had the opportunity to showcase their projects, which were selected in five categories: Education, Entrepreneurship, Science & Research, Social Inclusion. The winners, as well as 3 finalists of each category, had the opportunity to present their projects during the event. These were success stories that can be scaled-up and replicated in all parts of the world, helping Women in Tech accomplish its mission. The event also included a Masterclass with **Dr. Christyl Johnson**, (Deputy Director for Technology and Research Investments of Nasa) at La Sorbonne and, in the evening, an Awards Ceremony. **EIT Manufacturing is honored of helping this cause by being one of the sponsors of this event** and was represented by our Interim Innovation Director and Interim Communication Director (in the photo together with Ayumi Moore Aoki, founder and CEO of Women In Tech Organisation).



Aerospace Valley — Member Annual Event in Arcachon (21-22May2019)



On May 21 and 22, EIT Manufacturing was represented at the Aerospace Valley Members Forum, held in Arcachon, region of Nouvelle Aquitaine, in France. EIT Manufacturing set up an information booth, attended by Aerospace Valley colleagues and led by Hanna-Kaisa Saari.

Rikardo Bueno, Director of CLC West, presented EIT Manufacturing on the plenary, to an audience of approximately 300 people, including regional authorities such as Alain Rousset, the President of Nouvelle Aquitaine region, and the President of Aerospace Valley, Yann Barbeaux, also Director of Innovation at Airbus.

French and European innovation funding for SMEs was the main topic under discussion, but other themes, such as new mobilities, FlyVolt — the electric plane, and artificial intelligence for Earth observation, were also approached.



Meetings at the EIT House in Brussels (22May2019).

EIT Manufacturing Meeting with European Commission Services Representatives and EIT Digital High-Level Roundtable Debate



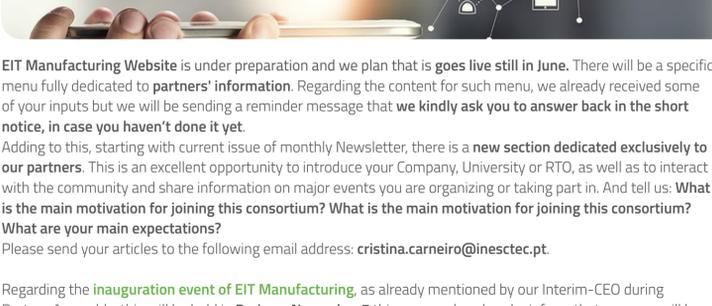
On May 22, the **EIT Manufacturing introductory meeting to European Commission services** and a **high-level roundtable debate held by EIT Digital** took place in **EIT House**, Brussels.

In the morning, EIT Digital organized a high-level roundtable debate under the subject "Digital Innovation of Europe's Industry", a policy perspective. After the opening words of **Begoña Arano**, Head of Unity Innovation (EIT) and Directorate-General for Education, Youth, Sport and Culture, and of **Willem Jonker**, CEO of EIT Digital, the study on the "Digital Transformation of Europe's Industry" conducted by **Cristiano Codagnone**, Professor at the University of Milan, was presented by himself to the participants. The Fourth Industrial Revolution, its impacts and consequences for European Industry, mainly the significant reconfiguration of work and employment, were highlighted. The state of Industry 4.0's trends, as well as societal and economic challenges, were also addressed.

Later on, the EIT Manufacturing introductory meeting joined the Interim Management Team and representatives from the European Commission, as well as other EU agencies. It started with some opening remarks by **Dalibor Mladenka** from the Directorate-General for Education, Youth, Sport and Culture. EIT's mission and priorities were presented by **Manuel Iruin Molina**, Head of Section Innovation Communities Management at EIT. Then, **Klaus Beetz**, the Interim CEO of EIT Manufacturing, had the opportunity to present EIT Manufacturing's strategy, its main areas of intervention and planned activities for the future, with the collaboration of the pillar directors and the Director for EU Affairs and RIS.

After that, a fruitful open discussion with all participants was held in order to identify initial synergies and complementarities with other EC initiatives, projects or policies in preparation, bearing in mind the need for our alignment with these. Dalibor Mladenka closed the session and the next meeting will take place on the last quarter of 2019.

First EIT Manufacturing Partner Assembly (31May2019)



The **first EIT Manufacturing Partner Assembly** took place on May 31, as a web-based conference with an electronic voting system.

According to the agenda, the Chairman of the Interim Supervisory Board (ISB), Heinrich Ilegel, opened the meeting. Then, the state of play of the Interim Supervisory Board was introduced by the Interim CEO (I-CEO), Klaus Beetz. The Legal counsel proceeded to present the legal readiness of EIT Manufacturing and, jointly with the I-CEO, the statutes of the association, which were discussed by all represented partners.

Thus, the Partner Assembly was requested to vote for the **establishment of the Association under French law** (law on associations of July 1, 1901), "EIT Manufacturing" on the basis of its Statutes (Topic A), which was approved with 89% of votes in favour, 0 votes against and 11% of abstention.

The Partner Assembly was also requested to **grant power of attorney for legally required steps for the establishment and registration of the Association EIT Manufacturing to the SUGA Coordinator, Prof. George Chrystosolouris, and the I-CEO, Mr. Klaus Beetz** (Topic B). This proposal was also approved, with a total of 86% of votes in favour, 0 votes against and 14% of abstention.

Having received the approval of the partnership, next steps will be taken in order to establish EIT Manufacturing as an Association, according to French law.

Lastly, the endorsement of EIT FPA by KIC Partners was presented by the I-CEO and the Legal counsel. Before closing the meeting, the Chairman of the ISB announced that Klaus Beetz was chosen among all applicants to be the permanent CEO of EIT Manufacturing.

Next EIT Manufacturing Partner Assembly will take place in **September 10** at **EIT Manufacturing HQs in Paris**.

Communication on the go...



EIT Manufacturing Website is under preparation and we plan that it **goes live still in June**. There will be a specific menu fully dedicated to **partners' information**. Regarding the content for such menu, we already received some of your inputs but we will be sending a reminder message that **we kindly ask you to answer back in the short notice, in case you haven't done it yet**.

Adding to this, starting with current issue of monthly Newsletter, there is a **new section dedicated exclusively to our partners**. This is an excellent opportunity to introduce your Company, University or RTO, as well as to interact with the community and share information on major events you are organizing or taking part in. And tell us: **What is the main motivation for joining this consortium? What is the main motivation for joining this consortium? What are your main expectations?**

Please send your articles to the following email address: cristina.carneiro@inesctec.pt.

Regarding the **inauguration event of EIT Manufacturing**, as already mentioned by our Interim-CEO during Partner Assembly, this will be held in **Paris on November 7** this year, and we hereby inform that soon we will be sending the Save the date for it.

Finally, we would like to suggest that you keep up with the latest EIT Manufacturing news by **following us on social media**, and please help us spread the word.

Coming soon

→ 27 Jun 2019 - EIT Manufacturing at EIT Awareness Days in Cyprus

Coming later

→ 7 Nov 2019 - EITM Inauguration in Paris Headquarters

About Our Partners

AERNnova is a leading aerostructures company specialized in the design and manufacturing of aerostructures and components such as wings, empennages and fuselage sections. EIT Manufacturing is highly important for Aernnova as global Tier 1 European industrial company, because it thrives in a Long Term Competitiveness based on innovation, operational excellence, lean, automation and quality assurance. With strong capacities, capabilities and track record in engineering, manufacturing and program management, Aernnova contributes with cost efficient and reliable solutions to its customers through a flexible scope of activities performed by specialized and globalized business units for Engineering, Composites, Metallic Components and Product Support. Some of the Aernnova's key strengths are the strategic orientation for Flexibility, Innovation and Growth in products and services, new solutions, manufacturing processes, etc. Aernnova's main participation expectation, on being part of EIT manufacturing, is to **partner up with other EU entities than can jointly advance manufacturing technologies that are relevant for aerospace, in particular shorter development cycle times and ROI risks**.

Czech Technical University in Prague (CTU) is one of the biggest and oldest technical universities in Europe and currently the major technical university in the Czech Republic, with 1,700 members of academic staff. CTU currently has eight faculties and approx. 16,000 students. It is represented in the EIT Manufacturing by two different units - The Czech Institute of Informatics, Robotics, and Cybernetics (CIIRC) and the Faculty of Mechanical Engineering. CTU highly appreciates being a member of the EIT Manufacturing initiative because its community allows this university to develop strategic partnerships and collaboration, mainly in the Innovation and Education pillars. The primary motivation for joining this partnership was to strengthen the contacts with both the industrial and academic members of the consortium and to bring CTU's unique infrastructure and know-how - Testbed for Industry 4.0, the national hub for International Data Space (IDS), extensive expertise in manufacturing technology solutions, and excellent technical education level - in collaborative projects. The main expectations are **bringing CTU's mature technologies to market-ready solutions, strengthening partnerships** among community members, opening **new educational programmes** and developing a **study program for a European Master of Manufacturing Engineering**.

KUKA is a global automation corporation with of approx. 3.2 billion EUR and 14,200 employees. As a leading global supplier of intelligent automation solutions, KUKA offers its customers everything from a single source: from robots and cells to fully automated systems and their networking in markets such as automotive, electronics, general industry, consumer goods, e-commerce/retail and healthcare. The KUKA Group is headquartered in Augsburg, Germany. The main driver for KUKA's business has always been manufacturing automation. It will continue to do so even though robotics is entering more and more new areas like the medical sector and public and private spaces. A constant challenge is to increase productivity and lower manufacturing costs, especially of processes which cannot be automated in an economic way today. Our main motivation to join the EIT Manufacturing consortium and our expectation is that we will be able to **close the "innovation gap" between impressive research results with a Technology Readiness Level (TRL) of 4-6 (working lab prototypes) and products with TRL 9**. This is not possible for single companies alone, but only through a **strong partnership**. Therefore, KUKA really appreciates the EIT Manufacturing initiative to strengthen Europe's innovation capacity leading to more flexible and human-friendly automation solutions based on the latest and strongest European research results.

Education and research are key drivers that support the economic success in today's competitive environment, in which companies and organizations need to develop their expertise and boost both the business continuity and growth. In this context, the role played by universities and academic institutions has become more and more important, in order to develop innovative projects and Educational programmes in cooperation with national and European partners. Thanks to its activities in the educational and research fields, the **University of Applied Sciences and Arts of Southern Switzerland (SUPSI)** acts as a key player within the Swiss University federal framework. In particular, the Department of Innovative Technologies (DTI) of SUPSI is a cutting-edge education establishment that unites classical theoretical-scientific instruction with a professional orientation one. As a centre of excellence for research and education, the Department has built over the years a strong expertise and knowledge in industrial engineering and ICT, becoming a reference player in the field of advanced manufacturing at federal and international level. DTI mission is to go along with companies facing the globalisation challenges, by fostering the innovation of products and processes, through the development and the application of new technologies and methodologies pertaining to advanced manufacturing. DTI strategic scientific and technological focus is currently on additive manufacturing, advanced robotics and new production systems, power electronics design, automation and control systems, new materials and value-added products, information technologies and artificial intelligence. We believe that the strengthening of the **cooperation between partners with different expertise** is the right way to **support the creation of a strong European innovation community in the field of manufacturing**. For this reason, SUPSI became part of the EIT Manufacturing network and is proud to share its know-how in order to contribute to the creation of a globally competitive and sustainable manufacturing.

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