

Admantex 2i

THIRD NEWSLETTER

COUNTRY MISSION

April 2024



Japan



Co-funded by the COSME programme
of the European Union



Advanced Manufacturing and Advanced Textile Materials going international to strengthen resilience and to empower industrial recovery.

ADMANTEX2i main objective is to lead international cluster cooperation in advanced manufacturing and advanced textile materials as an enabler for globally competitive sustainable products functional in a broad range of high-end applications. The key specific objectives are:

- To develop a joint internationalization strategy and a roadmap for going international based on the strategic cross sectoral cooperation between clusters in advanced manufacturing and advanced textile materials which EU is strong leader.
- To implement the strategy organizing 3 international business missions.
- To foster the cross-sectoral cooperation.
- And to strengthen the sectoral resilience and boost growth based on internationalization.

ADMANTEX2i strategic cooperation vision is that digitalization is key enabler for both sectors to boost circular economy business solutions to strengthen resilience and to drive the recovery growth the economic opportunities of European SMEs.

Admantex 2i

Consortium Partners

Admantex2i project is composed by three advanced textile materials clusters and three advanced manufacturing clusters from 6 EU regions and 4 EU member states in the southern Europe.

- AEI TÈXTILS, Spain



- ATEVAL, Spain



- CITEVE |
The Portuguese Textile Cluster, Portugal



- PRODUTECH, Portugal



- AFIL, Italy



- EMC2, France





Japan Mission

From the 11th to the 15th of March 2024, the ADMANTEX2i project organized its third and last country mission, bringing a delegation of 22 European participants to Japan, for a week of industrial visits, business meetings and participation in the Smart Manufacturing Summit 2024, in order to identify potential business and technological innovation opportunities.

The travelling delegation was representative of the two main sectors present in the ADMANTEX2i consortium, operating at different stages of the value chain, with participants coming from advanced manufacturing and textiles industries in France, Italy, Portugal and Spain.

The mission was exploratory in nature, but also with business oriented objectives, and aimed at discovering this important global market and its diverse opportunities for the sectors involved in the project. The delegation visited the premises of 3 renowned entities in Japan operating in the fields of advanced manufacturing, aeronautics, chemical fibers and textiles, and contacted many other Japanese companies during the international event Smart Manufacturing Summit, held in Aichi Prefecture, to look at the latest technological innovations in the fields of digitalization, mobility and sustainability.

The mission provided participants with an excellent overview of the Japanese market and the state of the art of its innovative technologies, while creating contacts that will hopefully lead to business cooperation opportunities and technological partnerships.



European Delegation

In total, the delegation was composed of 22 representatives from 20 different organizations: 8 companies, 6 Research and Technological Organizations and the 6 clusters that comprise the ADMANTEX2i consortium.

AFIL Delegate:



EMC2 Delegate:

ATEVAL Delegates:



AEI Tèxtils Delegates:



CITEVE Delegates:



PRODUTECH Delegates:



DAY

1

11th March 2024

On Monday morning the delegation visited the facilities of the Japan Chemical Fibers Association in Tokyo to learn about their ecosystem and discuss potential collaboration opportunities with their member companies.

During the meeting, we received an insightful overview of the current status of the Japanese Chemical Fibers Industry, including the sustainability initiatives they are actively pursuing and the prevailing textile policies in Japan. Furthermore, the delegation was provided with a comprehensive list of associated companies, detailing the products they manufacture along with their distinctive features and characteristics. This exchange of information offered valuable insights into the landscape of the Japanese textile sector and shed light on potential areas for collaboration and mutual benefit.

On Monday afternoon the delegation visited two facilities of the Japan Aerospace Exploration Agency (JAXA) in Tokyo surroundings.



DAY

2

12th March 2024

On Monday evening, the delegation moved to Kōbe for the second day of the mission, where they had the opportunity to visit two Kawasaki facilities, namely the Robot Manufacturing Factory in Akashi in the morning and the Robot Showroom in Nishi-Kōbe in the afternoon. These visits were one of the highlights of the Japan mission and provided a thorough overview of the Japanese robotics industry.



On the evening of March 12th, the delegation networking dinner took place at a Nagoya restaurant and offered another opportunity for participants to get to know each other better, discuss trends and share ideas for future collaborations.



DAY

3

13th March 2024



The last 3 days of the mission were dedicated to attending the international event Smart Manufacturing Summit 2024, organized for the first time in Japan by the French company Global Industrie / GL Events, in partnership with Aichi Prefectural Government. The ADMANTEX2i partnership had a booth in the fair that served as a meeting point for participating companies, as well as to promote the project, and a translator was hired to assist companies in the B2B meetings during the event.

In the first day of the event a some delegates took part in the networking bash, a welcoming reception, as well as in the visits organised by Aichi Prefecture, Mitsubishi Electric and CKD Corporation.



DAY

4

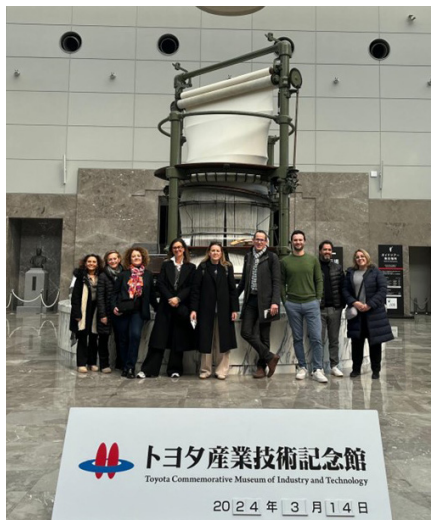
14th March 2024

On the 14th of March the delegation had the opportunity to visit the different booths of the exhibitors in the SMS.

The delegation received the visit of Mònica Castellà Pujadó, head of the Delegation of the Government of Catalonia in Japan, who was until January 2023 part of the AEI Tèxtils team assigned to this Admantex2i project.



In parallel to the fair at Aichi Sky Expo ground, Aichi Prefecture organized many interesting visits to companies during the days of the event. This provided a unique opportunity to visit factories that are not normally open to visitors and see in loco the cutting-edge technology of manufacturing up close.



Many of the companies and RTOs of the ADMANTEX2i delegation registered to some of these visits and were selected by the Aichi Prefecture to participate. In this second day the delegation had the opportunity to visit Denso Corporation and Yamazaki Mazak Corporation.

As a complement to the SMS Factory Tour, the ADMANTEX2i partnership organized a visit to the Toyota Commemorative Museum of Industry and Technology in Nagoya. Built in the birthplace of the Toyota Group, the museum preserves the original early 20th century plant as industrial heritage. It allows visitors to experience the changes in textile technology that underpinned the development of modern Japan and in automobile technologies that are still breaking through new horizons today, through the dynamic exhibits and demos of actual machinery.



DAY

5

15th March 2024

On Friday, March 15th, the delegation participated in the last day of the Smart Manufacturing Summit. They held a meeting with Mr. Yutaka Uemura, Assistant director Industry Promotion Division Industry Department Bureau of Economy and Industry Aichi Prefectural Government. The purpose of the meeting was to introduce the AMANTEX2i project, discuss the missions that have been undertaken thus far, and engage in an exchange of ideas that could potentially pave the way for a collaboration agreement.

To conclude the mission in Japan, on Friday evening, back in Tokyo, the Portuguese participants had the opportunity to meet AICEP's delegate in Tokyo, Miguel Malheiro Garcia, to exchange ideas and practical recommendations on how to do business in Japan during a networking dinner.



Participants Feedback

"It's been a great trip. I had the chance to meet six key customers of mine in Tokyo which will definitely boost the business in the market and it's been great also to share experiences with other people that is doing different things from us.

The Kawasaki visit was great! They treated us like I've never been treated before."

*Paqui Ferrer
Hilaturas Ferre*

"The mission was interesting and the logistic arrangements were great. More visits to textile companies would have been fantastic but the meeting at JCFA was great and very insightful for us."

*Heura Ventura
INTEXTER*



"So for me, this mission was fantastic. I think that Toyota was a very interesting visit, because it started in textile and then we had the opportunity to also visit the automotive part, and I think it's a good example of the merge between these two areas."

*Pedro Torres
IPCB*

*"It was fantastic!
It was very nice to get some ideas, some knowledge and some understanding together."*

*Maria Sofia Costa Pereira
AAC Texteis S.A.*



"I think it was very positive, I've never been in Japan before. Their culture, the way they live, the way they work. We could feel something, we could smell, we could watch."

*Mario Nelson Santos
CORDEIRO E CAMPOS, S.A.*

"From our side, it was very interesting to see some procedures, some guidelines and the best practices that normally we take from the books, from the ways that we learn and that we teach, of course. Also, it was very relevant to make the visit to Denso."

*António Almeida
INESC TEC*

Do not forget to follow us on our [LinkedIn](#) page to stay up to date.

If you want to know more about the project you can visit our website:

<https://admantex2i.eu/>



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