

# PRESS RELEASE

October 2024



## PINNACLE

The DOMMINIO project proudly concludes its transformative 45-month journey, celebrating its culmination with a successful Final Workshop on October 9th in Thessaloniki, Greece, as part of the **14th EASN International Conference**.

This event brought together key industry leaders, researchers, and stakeholders to reflect on the groundbreaking innovations achieved and discuss the lasting impact the project will have on the future of additive manufacturing and aerospace technology.

### PIONEERING SUCCESS IN ADDITIVE MANUFACTURING

Over nearly four years, the DOMMINIO project has continuously pushed the frontiers of **additive manufacturing**, delivering major advancements in multifunctional composite materials and smart structures for aerospace applications.

Key achievements include the development of **carbon nanotube-based sensors, wireless data transmission systems, and digital twin technology for real-time damage detection in aerospace components**. By addressing critical needs such as real-time monitoring and enhanced material performance, DOMMINIO has helped reshape the future of lightweight aerospace structures, ensuring Europe's competitiveness in the global market.

These innovations have opened the door to smarter, more efficient manufacturing processes and better long-term operational reliability in aerospace systems.

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@domminio

## INDUSTRY COLLABORATION



The impact of the **DOMMINIO** project extends far beyond its technical achievements. A key objective of the project was to actively engage with the scientific, industrial, and public communities. Through diverse and impactful dissemination efforts, **DOMMINIO** effectively shared its innovations and fostered meaningful collaborations.

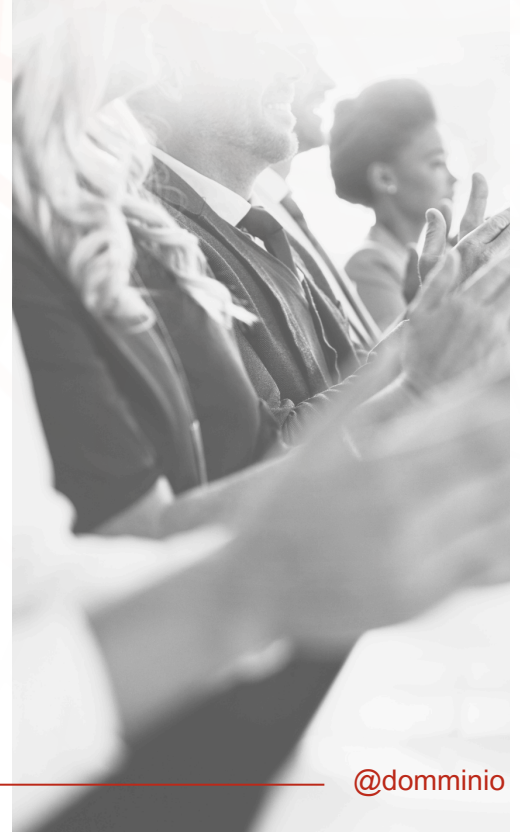
The project was **featured in numerous conferences and workshops**, where its breakthroughs were presented to key stakeholders, promoting knowledge exchange and building partnerships across Europe. Educational videos highlighting **DOMMINIO's developments gained significant attention within both the scientific and industrial sectors.**

**Exhibitions across Europe** showcased the practical applications of the project, engaging a global audience. Clustering events with sister projects facilitated collaborative innovation, aligning **DOMMINIO's** advancements with broader EU objectives.

The project's **holistic vision** extends beyond technical advancements, encouraging a new approach that values flexibility, adaptability, and eco-friendly practices in manufacturing. This shift benefits industry stakeholders and engages a wider audience, encouraging more inclusive participation in Europe's aviation ecosystems.

**DOMMINIO's online presence** has had a significant global impact, reaching over **5,000** unique users from **16 different countries**. The project's website has served as a critical hub for sharing breakthrough findings, resources, updates, and publications. This widespread digital reach has helped bridge the gap between the scientific community, industry leaders, and the general public—creating greater awareness of the potential of advanced manufacturing technologies.

## BROADENING REACH AND RECOGNITION





# A LEGACY FOR THE FUTURE

Although the **DOMMINIO** project has ended, its impact will keep influencing the European aerospace sector. The project has positioned Europe in the leadership of aviation technology and additive manufacturing by enabling more dynamic, responsive, and scalable manufacturing solutions.

With a lasting impact on manufacturing practices and public awareness, DOMMINIO's legacy will pave the way for future collaborations, ensuring that European researchers and industries remain at the forefront of global innovation.

For more details about the DOMMINIO project and its final outcomes, visit our website: [www.domminioproject.eu](http://www.domminioproject.eu)

## DOMMINIO CONSORTIUM



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