



WaveTailor

Modular laser sources for sustainable production of short personalized production series



- The European industry is pivoting to clean, climate-friendly production systems, with Laser-Based Additive Manufacturing (LBAM) emerging as a promising solution due to its efficiency, precision, flexibility and potential to reduce waste and costs.
- The WAVETAILOR project seeks to advance LBAM by developing economical, energy-efficient technologies for manufacturing complex multi-material components.
- The project develops modular and multi-wavelength laser sources and systems to broaden the range of materials used, aiming for a resource-efficient distributed manufacturing chain.
- WAVETAILOR also introduces Digital Twins in production cells to enhance first-time right and zero-defect manufacturing.



<https://wavetailor.eu>



<https://www.linkedin.com/showcase/wavetailor-horizon-europe-project/>



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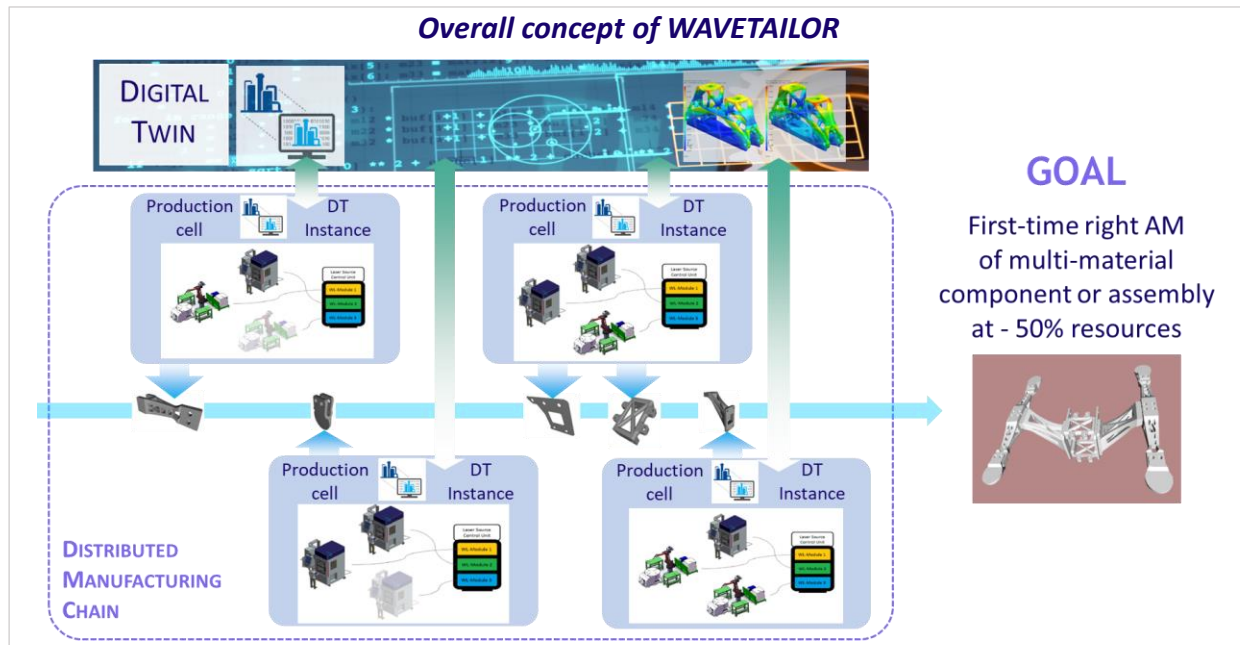


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Overall concept of WAVETAILOR



Project Coordinator



SMARTTECH
4 FUTURE



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