



ELA

a **EUROPEAN**
NETWORK

of **LIGHTWEIGHT**
NETWORKS

CALL 4 Projects

European Green Deal and Lightweight

ELA goes Live 25th of February 2021 9:00-11:30 am

Mi4

Call 4 Projects

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Would you like to present an exciting project, best practice or some lesson learnt that you would like to share for one of the following topics in a short pitch (3/4 min)?

- [Industry for a clean and circular economy](#)
- [Energy and resource-efficient buildings](#)
- [Sustainable and smart mobility](#)
- [Strengthening our knowledge in support of the European Green Deal](#)



Then please send the completed PowerPoint template with your project idea to info@metaindustry4.com by February 15, 2021. We will collect your ideas and suggestions and get back to you!

Project idea: Functional multi-material components and structures

Call area: Industry for a clean and circular economy

Contact

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Project Description

Project answering call HORIZON-CL4-2022-RESILIENCE-01-12:
Functional multi-material components and structures (RIA)

Applying technologies currently under development e.g. in
www.MULTI-FUN.eu in combination with fresh TRL 3+
technologies & materials for novel approaches towards
multifunctional devices.

Project Objectives

- Multi-functional materials and products for a wide range of applications in the additive manufacturing industries
- **Minus 50% weight // Minus 20% lead-time of multimaterial products // Plus 30% product performance //** at same product price
- For several industrial sectors (automot., medical, ...)

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Our know-how...

- Light Metals Technologies (Mg, Al, Ti)
 - ❑ Metallurgy
 - ❑ Processing (casting, forming, additive)
 - ❑ Design
- IPR & Patent reg. MULTI-MATERIAL design
- Experience in successfully setting up & coordinating H2020 Projects
 - MULTI-FUN
 - SUSTAINair

We are looking for...

- Partners across Europe offering **Key Enabling Technologies** related to the scope of HORIZON-CL4-2022-RESILIENCE-01-12
- Industrial **stakeholder** of several industrial sectors (automotive, medical, ...) along the **value chain**
- Smart **ideas for demonstrators** relevant for high exploitation potential in several industrial sectors



ELA European
Lightweight
Association

Thanks for your project idea!