

Lightme

LightME OITB and Open Call

<https://lightme-ecosystem.eu/>



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

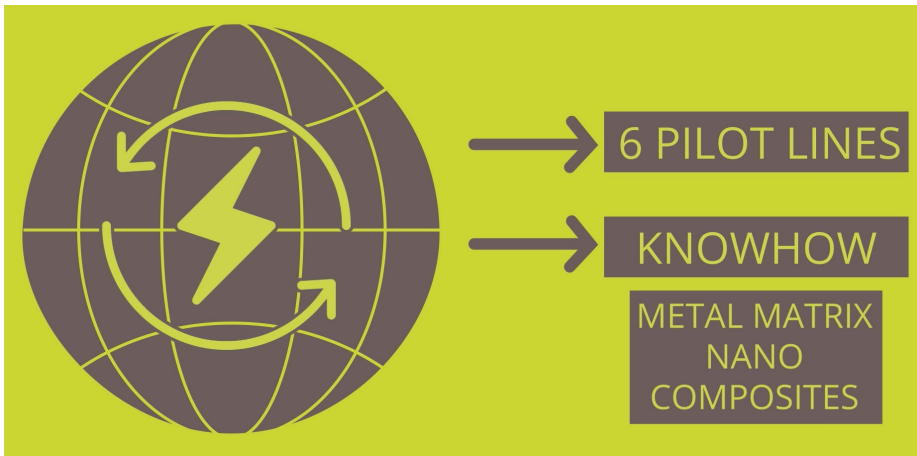
LightMe Aim & Offer



Lightme

Upscale and develop novel lightweight Metal Matrix nano-Composites (MMnC), with advanced functionalities.

The LightMe Ecosystem will provide the necessary infrastructure and knowhow for upscaling the new materials concepts related to lightweight metal matrix nanocomposites and advanced materials in a cost-effective and sustainable way.



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LightMe Services



Upscaling

- 3 Casting Lines (HPDC, LPDC, GSC)
- 2 AM Lines (MWAM, Powder Deposition AM)
- 1 Powder Metallurgy/Extrusion Line (SPS-KOBO extrusion)



Modelling

- Process Optimization
- Simulation
- Predictive modelling



Monitoring

- Process Control
- Process Monitoring



Innovation Management

- Business plan
- Marketing
- Technology transfer
- Training



Testing

- Structural Characterization
- Functional properties testing
- Field tests



Market Uptake

- Regulation
- Standardization
- H&S
- Nano-Safety
- Environmental Impact (LCA)

LightMe Open Call

Offer

An open access innovation environment, in which SMEs or other stakeholders will be able to proceed in technological innovation in a fast and low-cost way.

Selected applicants will:

- have **free of charge** access to all services of the ecosystem
- have the opportunity to **innovate and develop** their business idea in a one-stop shop
- receive **mentoring and support** of industry experts for their concept
- be **part of a wide network** establishing long-term relationships with key industry players

LightMe Open Call platform at:
https://www.lightme-oie.eu/en/normal/Open_Call

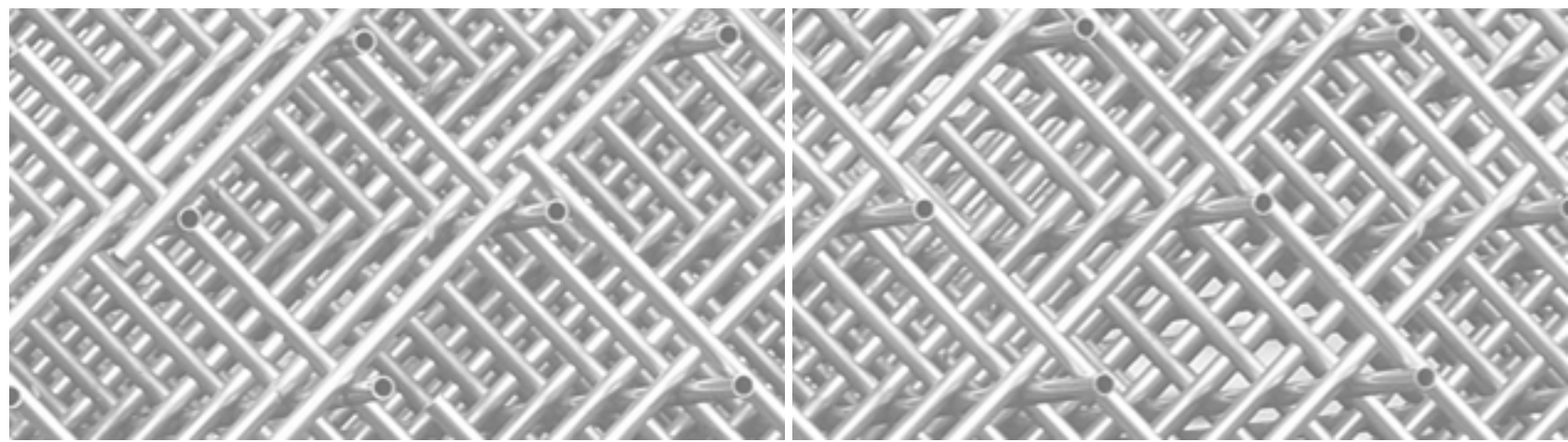
- **Application Form** (admin data, basic aspects of the concept and selection of OITB services)
- **10 pages proposal** (technical and market approach and innovation aspects)

Important dates

- **7th January 2021:** Announcement of the Open Call.
- **31st March 2021:** First cut off
- **30th April 2021:** Evaluation and Selection of 4 new test cases
- **1st June 2021:** Inclusion of 4 new test cases in the Ecosystem
- **31st August 2021:** Second cut off
- **30th September 2021:** Evaluation and Selection of 4 additional new test cases
- **1st November 2021:** Inclusion of 4 additional new test cases in the Ecosystem



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Thank you for your attention

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