

General description

The MMAMA project aims to enable advanced material analysis and boost its quality and production efficiency thanks to the GHz measurement and modelling platform in a wide community.

Objectives

- | | |
|----------------|--|
| Technological | <ul style="list-style-type: none"> Improvement of SMM technology Nanoscale characterization platform for EU manufacturers of coatings, photovoltaic cells, and semi-conductor circuits |
| Economical | <ul style="list-style-type: none"> Acceleration of the development of high efficiency cells Performances prediction at early stages |
| Sustainability | <ul style="list-style-type: none"> Open innovation environment Standard Operating Procedures Electromagnetic 3D models |

The word of the coordinator: *“MMAMA project is launched for 3 years of fruitful European scientific, industry and human collaborations.”*



Kick-Off Meeting, Brussels, November 27 and 28, 2017

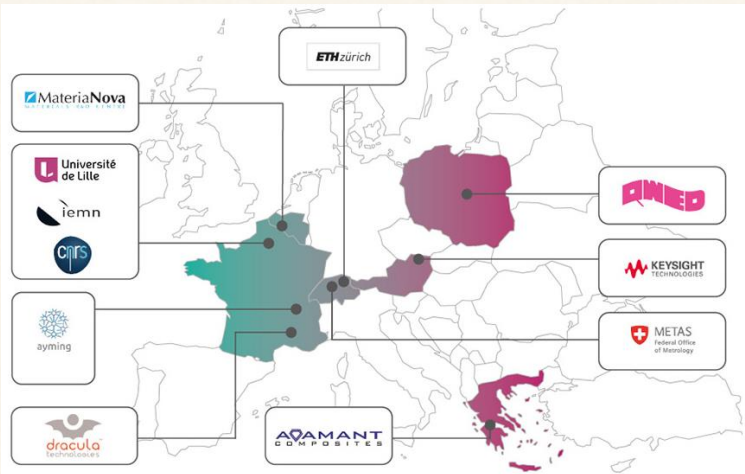


Fig. 1: MMAMA consortium

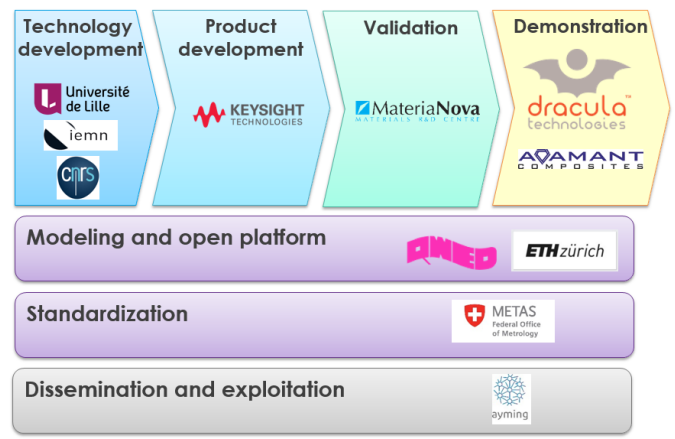


Fig. 2: MMAMA Value Chain

MMAMA Ambition

Beyond R&D and demonstration of SMM interest at production scale, MMAMA will notably allow standardization of practices and :

- allow off-line & lab characterization to generate data and application Database
- monitor and compare in-line pilot with application Database to optimize material.

Main Outputs

MMAMA project results will first be exploited through dissemination to a selected community in the field to improve the application database. It will be the basis of new business opportunities for European industries in photovoltaic and composites sector.

Ongoing and next steps

- Roles and interests of each partner were discussed in details during KO meeting (Brussels, 27-28th November 2017)
- MMAMA project website is online
- M3 WP leaders meeting will be organized on February 13th, 2018
- M6 meeting in Bern, organized by METAS, on May 16th, 2018. **Don't forget to book your tickets.**

Countries involved:

Austria, Belgium, France, Greece, Poland, Switzerland.
Duration : 01/11/2017 to 30/10/2020
Budget/EU Grant: 3 992 176.25€



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