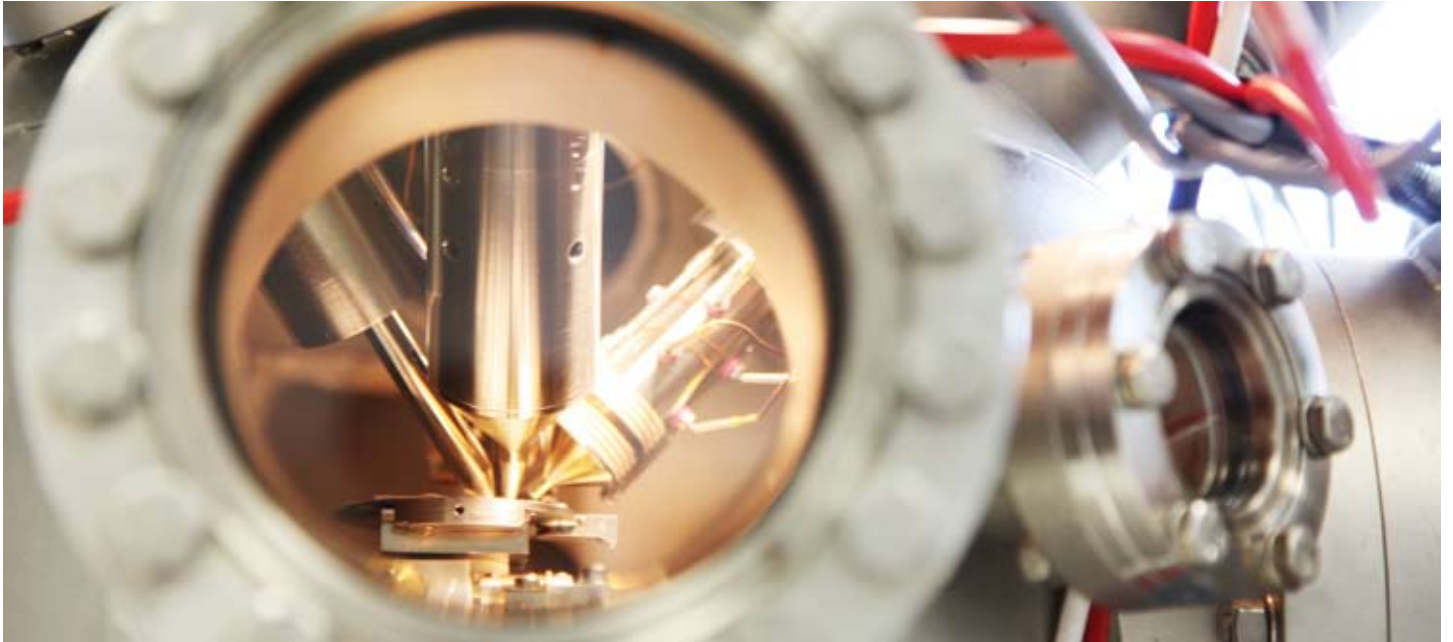


**TURNING
INNOVATION
INTO
BUSINESS**



Materials Technologies in Luxembourg

Luxembourg's track record in the manufacture and processing of many types of innovative materials is well proven with internationally renowned companies being located in Luxembourg for many years. Such materials include, for example, plastics & polymers, metals, composites, minerals, glass, wood and paper, which are produced in support of various business sectors.

The automotive industry, for example, recognises Luxembourg as a key location for first and second tier suppliers. Luxembourg is also known for being an innovative technology base for the iron & steel industry, the non-ferrous products sector, plastics and, in a broader sense, the chemical industry, the glass and cement industries as well as the high-tech construction sector which is another thriving pillar of Luxembourg's economic landscape.

Major companies specialising in materials have set up important R&D centres in Luxembourg, whose activities are complemented by several public research organisations. The CRP Henri Tudor hosts the department "Advanced Materials and Structures" (AMS), whose major research topics include material conception, surface and bulk engineering, performance design and material modelling. The department "Science and Analysis of Materials" (SAM) at the CRP Gabriel Lippmann is specialised in the field of characterisation on the nano, or even atomic scale, of solid materials, the development of new surface treatments, the fabrication of innovative nanomaterials as well as the development of scientific instruments for the analysis of materials and surfaces. The research unit "Physics and Materials" at the University of Luxembourg is built on four pillars, that include geophysics, physics of condensed matter and advanced materials, radiation physics and photovoltaics.

The Luxembourg Materials Cluster

The Luxembourg Materials Cluster is a network that actively supports the various actors in the field of materials technologies in Luxembourg with the goal of creating and developing new and sustainable business opportunities through collaborative R&D and innovation projects.

What we do...

The Luxembourg Materials Cluster currently boasts more than 60 companies and public research organisations involved in the field of materials technologies. Its activities include the organisation of regular networking events, themed conferences and workshops. The Luxembourg Materials Cluster also provides support to develop project ideas, identify potential partners and find suitable funding. It also gives advice on the protection of Intellectual Property Rights.

What we cover...

Technical Orientations

- conception of new materials
- characterisation & modelling of material properties
- improved functionality & sustainability of materials
- process improvements

Sectors

- automotive industry
- electronics & electrical industries
- packaging industry
- construction industry
- plastics & polymers industries
- steel & non-ferrous industries

What we offer...

The Luxembourg Materials Cluster provides access to a dynamic network of companies and public research organisations and offers a personalised portfolio of support services adapted to the specific innovation requirements of its members.

Business-oriented platform for networking and exchange:

- share knowledge and experiences from companies and public research organisations
- develop collaborative R&D and innovation projects on national and international level
- participate in international fairs and brokerage events

Set of specialised support services:

- access to practical and technical information related to specific questions on materials technologies
- advice on national and European funding opportunities for materials related R&D and innovation projects
- value-added information on emerging technologies and markets

What you get...

Membership of the Luxembourg Materials Cluster will help you to:

- reinforce your competitive advantage
- improve your national and international visibility
- identify new business contacts and project opportunities

Contact



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The Luxembourg Materials Cluster is animated by Luxinnovation, the National Agency for Innovation and Research. For further information about the Luxembourg Materials Cluster visit the website www.materialscluster.lu or the Luxembourg Cluster Portal www.clusters.lu