

STRATEGIC IMPACT

M-ERA.NET is a large network and a powerful tool to tackle European and global challenges in materials research. Improving the coordination and cooperation of national and regional programmes will reduce the fragmentation of public funding across Europe and align programme strategies for transnational collaboration, eliminating programme duplication and a wasteful use of resources. M-ERA.NET enables collaboration between leading academic and industrial research partners from European and non-European countries and regions and facilitates access to previously inaccessible new markets. The joint calls for transnational RTD cooperation mobilise a critical mass of public funding to support key players in materials research to intensify pan-European partnerships and to encourage newcomers to transnational RTD cooperation to realise innovative RTD projects.

THE M-ERA.NET CONSORTIUM

M-ERA.NET started in 2012 under the FP7 scheme and continues from 2016 to 2021 under the Horizon 2020 scheme as a network of more than 40 public funding organisations, including 35 national and 12 regional organisations, from 34 European and non-European countries. M-ERA.NET aims to identify further relevant materials research programmes and to consolidate the co-operation with funding organisations from Europe and beyond.



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M-era.Net

ERA-NET for materials
research and innovation

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WHAT IS M-ERA.NET?

M-ERA.NET is an EU funded network which has been established in 2012 to support and increase the coordination of European research and innovation programmes and related funding in materials science and engineering. Between 2016 and 2021, the M-ERA.NET consortium will continue to contribute to the restructuring of the European Research Area (ERA) by operating a single innovative and flexible network of national and regional funding organisations. M-ERA.NET contributes to EU policies and is complementary to funding schemes at regional, national and European levels, supporting the exploitation of knowledge along the whole innovation chain from basic research to applied research and innovation (TRL 1–7). By stimulating scientific excellence and the creation of a new innovation oriented economy, M-ERA.NET will deliver lasting impact and significant breakthroughs. M-ERA.NET aims to develop a long-term cooperation between funding organisations from countries and regions across Europe and beyond.

WHAT WE OFFER:

M-ERA.NET provides a central forum where substantial pan-European research funding programmes can be aligned to support the European RTD community. M-ERA.NET aims to address societal challenges and technological needs with an interdisciplinary approach, providing a flexible umbrella structure to cover emerging topics in materials research and innovation, including materials for low carbon energy technologies and related production technologies. As a core activity, a series of joint calls for transnational RTD projects are implemented. These calls offer the European RTD community an opportunity to access coordinated funding across Europe and to gain access to leading knowledge world-wide. The M-ERA.NET consortium aims to mobilise substantial national and regional public funding as well as EU funding.

WHY?

Advanced materials technologies have been classified as Key Enabling Technologies (KET) with a wide range of product applications such as developing low carbon energy technologies and improving energy and resource efficiency. They have a huge potential to fuel economic growth and provide jobs. In recent years, significant efforts have been made to ensure industry can meet the challenges it currently

faces, in terms of the new materials being introduced and the stronger integration of products and processes required. Europe has a wealth of academic and industrial expertise and to ensure it stays at the forefront of developments it is crucial to have a strategic programme that helps to develop projects with impact on a global scale.

