

The EMN Advanced Manufacturing

The European Metrology Network (EMN) for Advanced Manufacturing requires new and enhanced metrology methods to assure the quality of manufacturing processes and the resulting products.

The Network will help European industries to meet high-precision requirements in quality assurance along the entire manufacturing chain from advanced materials, smart manufacturing systems, to components and products. It will help a wide range of manufacturing sectors remain at the 'cutting edge' of Industry 4.0 where metrology input is essential, by promoting collaboration and cooperation between the metrology community and stakeholders from industry across Europe. An efficient and targeted information exchange will be enabled between academia, designated institutes, national metrology institutes and stakeholders from industry. Most challenging needs will be addressed in a Strategic Research Agenda for the metrology input required for advanced manufacturing.