



FIT-4-NMP

Strategic and targeted support
to incentivise talented newcomers
to NMP projects under Horizon Europe

Title: Europe's leading research and innovation organisations in nanotechnologies, advanced materials and new manufacturing processes

Europe's leading research and innovation organisations in nanotechnologies, advanced materials and new manufacturing processes (NMP) are the focus of an [interactive map](#) and [report](#) recently published by [FIT-4-NMP](#).

FIT-4-NMP's motivation for producing the map and report is to help increase the participation of *talented newcomers from underrepresented regions* in NMP research in Horizon Europe, by helping them to connect with Europe's leading NMP research and innovation organisations, or so-called *top innovators*.

Talented newcomers are promising innovation organisations – especially SMEs – that did not participate in research and innovation actions (RIA) or innovation actions (IA) funded by the Horizon 2020 programme Nanotechnologies, Advanced Materials, Biotechnology, and Advanced Manufacturing and Processing (NMBP). Meanwhile, underrepresented regions are regions in EU-13 Member States, EU-15 Member States and Associated Countries that had a relatively low participation in Horizon 2020 NMBP.

Of course, NMP covers a wide range of scientific domains. To link talented newcomers to top innovators, it was necessary to define categories of NMP domains and NMP subdomains. Furthermore, with the transition from Horizon 2020 to Horizon Europe, there has been a reorganisation of NMP research. Therefore, to reflect NMP research's new position in Horizon Europe and to simplify matters, FIT-4-NMP used the following categories of NMP domains: Advanced Materials; Manufacturing Technologies; Circular Industries and Clean Industries. To define NMP subdomains, FIT-4-NMP aligned closely with the strategic research and innovation priorities of European level initiatives that strongly influence the NMP related call topics in Cluster 4 of Horizon Europe.

FIT-4-NMP has been able to identify between twenty to forty top innovators for each NMP subdomain by searching databases for NMP-related research publications and patents. The full search methodology is described in FIT-4-NMP's [report](#). Meanwhile, the top innovators – which include public and private organisations - are presented on FIT-4-NMP's [interactive map](#).

The interactive map allows a user to choose to view the top innovators from one NMP subdomain or several concurrently. The name of each top innovator is shown along with a weblink to the organisation's Horizon Europe contact page. Thereby, the map supports talented newcomers to learn about and contact more easily top innovators who they would potentially like to collaborate with in NMP research for Horizon Europe.

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FIT-4-NMP is a support action project funded by Horizon 2020 (Grant Agreement 958255) to increase the participation of talented newcomers from underrepresented regions in Horizon Europe research in the fields of nanotechnologies, advanced materials and new manufacturing processes as compared to Horizon 2020.

FIT-4-NMP website: <https://www.fit-4-nmp.eu>

Interactive map showing Europe's leading research and innovation organisations in nanotechnologies, advanced materials and new manufacturing processes (NMP):

<https://app.powerbi.com/view?r=eyJrIjoiM2E1NGRIMzAtNzBOS00ZjZILWJhMmQtYTAyZmY3MzE4MjNmlwi dCI6ImFmOGQyY2Y2LTU3ODAtNDI1ZC05MDYzLTdhMWFkNDFmMzY5NSIsImMiOiI9&pageName=ReportSection>

Report on Europe's leading research and innovation organisations in nanotechnologies, advanced materials and new manufacturing processes (NMP): <https://docdro.id/A5XHnt5>

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