

Collaboration - an essential ingredient for nanotech commercialization

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Europe is a world leader in nanotechnology research but is lagging behind in its industrial adoption. More efficient ways to access dispersed resources and open potential opportunities are needed for industry to trigger innovative nanotech-enabled value chains. This will enable stronger European performance in nano-commercialization and greater industrial benefit from nano-enabled products.

This talk presents the experience of CCAN in designing and implementing a multi-sectoral and multidisciplinary approach to the translation of nanotechnology expertise to industry. This approach has facilitated efficient collaboration by combining product and market knowledge of companies with nanotech expertise of research providers. Furthermore, it has enabled large enterprises and SMEs to establish, participate and upgrade their positions in nanotech-enabled value chains.

To illustrate how effective collaboration between companies and research providers result in novel nanotechnology-enabled products and solutions, a number of examples in the ICT and biomedical industries will be showcased. The presentation will conclude with a summary of learnings and recommendations for nano-commercialization driven by collaboration.