

**The European  
Partnership on  
Metrology  
EMN Radiation  
Protection  
Open Consultation**

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# The European Partnership on Metrology

## General Objectives



- (a) to develop a **sustainable, excellent and coordinated metrology system** at European level, thereby helping to bridge the investment gap between Europe and its global competitors
- (b) to ensure that **state-of-the-art metrology capabilities** are widely taken up by innovators in their ecosystems and beyond
- (a) to increase the impact of metrology on societal challenges in relation to the **implementation of policies, standards and regulations**, inter alia in the digital, economic, industrial and environmental areas, to make them fit for purpose.

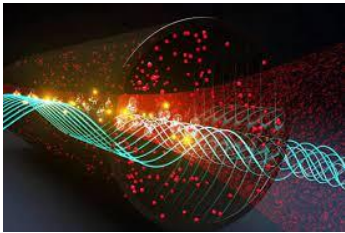


# The European Partnership on Metrology

## Specific Objectives



- a) to develop, by 2030, new research capabilities which: are built within the framework of new **EMNs** & perform in terms of CMCs at least equal to the leading metrology institutes outside the Participating States
- b) to support, by 2030, sales of **new innovative products and services** through the use and adoption of the new metrology capabilities in key emerging and enabling technologies
- c) to contribute to the **creation and diffusion of high-quality new knowledge**, competences and skills across the EU in the context of lifelong learning and with a view to achieving societal transformation, including through enhancing capability for innovation



# The European Partnership on Metrology – Specific Objectives



d) to contribute fully and effectively, by 2030, to the design & implementation of specific **standards and regulations** that underpin public policies addressing societal, economic and environmental challenges



e) to unleash the potential of metrology among end-users, including SMEs & industrial stakeholders, as an instrument which contributes to achieving the **Union goals for the digital and green transitions**

- Call for needs (stage 1) will open on 11th January and close on 20th February 2023
- Currently around 24 M€ and an external participation of 35 % is planned
- Stage 2 is planned for Summer 2023 (28.06.- 02.10.)
- All funded beneficiaries are getting prefinancing incl SMEs (different to EMPIR as we are now using the guarantee fund by the EC)
- Projects are foreseen to have a 3 years duration and the budget cap is likely to be above 2 M€

# Call scope 2023



- develop new or improved measurement methods and techniques for any industrial applications including traditional as well as new sectors of industry.
- innovation in industrial production and facilitating new or significantly improved products through exploiting knowledge in the European measurement institutes.
- innovations shall improve the competitiveness and sustainability of existing industrial sectors or support development of new industries based on alternative or new technologies like e.g. digital transformation including industrial use of artificial intelligence or Internet of Things (IoT), biotechnologies, or novel technologies supporting the Green Deal.

