



# **Establishing EU led international community on safe- and sustainable-by-design materials to support embedding sustainability criteria over the life cycle of products and processes (CSA)**

Establish an inclusive and self-sustained international gender balanced and inclusive network of experts and stakeholders in the materials community to enable multidisciplinary design processes, map skills mismatches and competence gaps, to enable transition towards an overarching framework in which sustainability is the essential entry point into markets:

- Perform landscape analyses of methodologies that focus on the de novo design, which guides sustainable products and processes and coordinate with the projects from NMBP-15, NMBP-16-2020 and other relevant initiatives (e.g. those in WG-E of the EU NanoSafetyCluster) to fill in the gaps in the current understanding;
- Develop working framework for creation of an expanded safety and sustainability community, with agreement to create a common mechanism to engage, mobilise and bring together diverse stakeholders;
- Map and address sustainable-by-design skills mismatches and competence gaps, and support the enhancing of adequate skills at all levels - including in university programmes, research, industry and among regulators;
- Coordinate with other EU-funded projects targeting Sustainable-by-Design materials, in particular: HORIZON-CL4-2021-RESILIENCE-01-11, HORIZON-CL4-2021-RESILIENCE-2021-01-12 and HORIZON-CL4-2022-RESILIENCE-01-13

Sustainability and life cycle of products and processes have a major impact on and can positively contribute to the health and well-being of our citizens.

The topic is open for international cooperation where the EU has reciprocal benefit.

Resulting projects should establish cooperation mechanisms with relevant international initiatives to align and leverage the extensive experience. Therefore, proposals should foresee a dedicated work package for cooperation and earmark appropriate resources.

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