

# The Graphene Flagship

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The Graphene Flagship is a ten-year research program funded by the European Commission, EU member states and project participants. It originates from the science of graphene and related layered materials and targets a disruptive technology shift, bringing these materials from academic laboratories to society as new products, employment opportunities and economic growth. Realising this ambition is only possible by integrating the entire value chain from basic research to applied and industrial research, which requires a large consortium with corresponding resources – the total project cost is about one billion euros.

The flagship covers a wide range of topics ranging from fundamental research and spintronics to flexible electronics and nanocomposites. Examples of research carried out in some of the work packages will be briefly presented, but technical details cannot be covered, in the interest of time.

Ways of interacting with the Graphene Flagship will be described, as well as the planned development of the Flagship during Horizon 2020.