



Graphene Core 2- Graphene Flagship Core Project 2

This proposal describes the third stage of the EC-funded part of the Graphene Flagship. It builds upon the results achieved in the ramp-up phase (2013 - 2016) and the first core project (2016 - 2018), and covers the period April 2018 - March 2020.

The progress of the flagship follows the general plans set out in the Framework Partnership Agreement, and the second core project represents an additional step towards higher technology and manufacturing readiness levels. The Flagship is built upon the concept of value chains, one of which is along the axis of materials-components-systems; the ramp-up phase placed substantial resources on the development of materials production technologies, the first core project moved to emphasise components, and the second core project will move further towards integrating components in larger systems. This evolution is manifested, e.g., in the introduction of six market-motivated spearhead projects during the Core 2 project.

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