



Hydrogen production and storage
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For a summary of the review's findings, see http://bit.ly/1z7F3AQ



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Measurements with the Transmission Geometry Method The researchers conclude that graphene and related two-dimensional crystals ma role in future energy conversion and storage technologies. This is an active area c development for Graphene Flagship partners, both academic and industrial.

"The huge interest in two-dimensional crystals for energy applications comes both physico-chemical properties, and the possibility of producing and processing them quantities, in a cost-effective manner," says Bonaccorso.

"In this context, the development of functional inks based on two-dimensional cry gateway for the realisation of new generation electrodes in energy storage and cc devices." Bonaccorso adds that the challenge ahead is to demonstrate a disruptiv which two-dimensional materials not only replace traditional electrodes, but more enable the design of whole new device concepts.

Review co-author Andrea Ferrari, who chairs the Executive Board of the Graphene is director of the Cambridge Graphene Centre, offers a soberly optimistic view of graphene in this area: "Graphene and Related Materials have great promise in the the Graphene Flagship has identified energy applications as a key area of investm

"We hope that our critical overview will guide researchers in academia and indust optimal pathways toward applications and implementation, with an eventual bene as a whole."

Source: http://graphene-flagship.eu

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