



Targeted support: International research cooperation for green hydrogen

The Federal Ministry of Education and Research aims to advance research on green hydrogen along the entire value chain. Effective long-term links between the German research community and potential partners within and outside Europe are key to achieving this goal. The announcement of regulations for funding research projects, networks and partnerships of German universities, non-university research institutions and companies enables the establishment of such links.

Green hydrogen is the energy source of the future. It can be used in industry, transport and the heating sector and thus plays a vital role in climate action. Green hydrogen also offers great potential for research and industry in Germany.

The Federal Government's High-Tech Strategy and National Hydrogen Strategy are driving this development. International partnerships within Europe and throughout the world are expected to provide major impetus for the development of a hydrogen economy. This is why the Federal Ministry of Education and Research is introducing the new approach of this announcement to support the establishment of international green hydrogen research and innovation cooperation.

Dr. Stefan Kaufmann, MdB

Innovation Commissioner for Green Hydrogen at the Federal Ministry of Education and Research

The funded projects will contribute to:

- encouraging international research cooperation
- delivering research along the entire innovation and value chain
- involving German stakeholders in international scientific debate
- raising Germany's profile as a hub of research and innovation in international competition
- establishing lasting international science and innovation networks
- maintaining and improving Germany's scientific and industrial performance
- closing gaps in research, development and innovation expertise in German science and industry

Funding will be provided for activities to establish research projects, networks and partnerships between Germany and one or more partner countries along the entire value chain.

Measures will be funded under the following modules:

Module A	International networking and exploratory measures including research components	International projects to identify the potential for cooperation, prepare new partnerships or specific cooperation projects and expand existing partnerships
Module B	International pilot research projects (including optional industry involvement)	International research projects which primarily aim to advance R&D cooperation of German institutions with international partners
Module C	International collaborative research projects with partners from science and industry (2+2)	Research projects involving one higher education/non-university research institution and one company respectively on both the German and the foreign side
Module D	Internationalization of regional innovation clusters and networks	Elaboration of internationalization schemes for regional innovation clusters or networks which are located in Germany
Module E	Scientific centres of excellence	Establishment of sustainable cross-border institutional partnerships and centres of excellence in Germany and/or the partner country
Module F	Technology collaborations between industry and science as part of EUREKA	Research projects which can be assigned to one or several of the fields of action of the announcement in European and international cooperation with partners from the target countries. The object of funding can also be supplemented by current EUREKA calls within the thematic scope of this announcement.
Module G	Scientific support project	A cross-cutting scientific support project studying the impact of the measures in the modules on the hydrogen sector in Germany as well as on activities in the partner countries

After its publication in March 2021, the announcement will provide the basis for specific funding. For details of the various funding calls (e.g. partner countries and exact duration as well as type, scope and rates of funding), please visit [bmbf.de/wasserstoff-international](https://www.bmbf.de/wasserstoff-international)

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Further information on the Internet:

[bmbf.de/de/nationale-wasserstoffstrategie-9916.html](https://www.bmbf.de/de/nationale-wasserstoffstrategie-9916.html)

[bmbf.de/de/internationalisierungsstrategie-269.html](https://www.bmbf.de/de/internationalisierungsstrategie-269.html)