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Improvement of the S&T research capacity of TUBITAK-MRC IE in the fields of hydrogen technologies

Fact Sheet

Project Information

HY-PROSTORE

Grant agreement ID: 16362

Project closed

Start date

1 May 2005

End date

30 April 2008

Funded under

Specific measures in support of international cooperation: Specific activities covering wider field of research under the Focusing and Integrating Community Research programme 2002-2006.

Total cost

€ 649 404,00

EU contribution

€ 649 404,00

Coordinated by

TURKIYE BILIMSEL VE
TEKNOLOJIK ARASTIRMA
KURUMU



Türkiye

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Objective

The strategic objective of the proposed project is to improve the research capacity of the excellence center on hydrogen technologies (herein referred to as the "Center") at TUBITAK-MRC Institute of Energy (IE). Specifically, the Center aspires to improve its research capacity in the areas of hydrogen production, purification, and storage. As indicated by established research priorities in both Turkey and Europe, advancement of hydrogen research in these areas is fundamental to developing sustainable energy systems for the future. The approach for accomplishing the project objective is multi-faceted. The approach includes: upgrading and renewal of related laboratory equipment; employment opportunities at the Center for graduate students; participation in international conferences; coordination of national seminars for information dissemination within Turkey; advisory board meetings between the Center and MS/ACC organizations to identify joint research activities; training courses for appropriate Center personnel on select hydrogen technology topics; and technical visits to and short-stays at hydrogen laboratories abroad. These planned activities will benefit the Center in many ways. Existing laboratory infrastructure will be improved, and the training necessary to expand the knowledge and capabilities of the Center's hydrogen researchers will be obtained. Also, strategic networks and partnerships with private and public institutions in Turkey and in Europe will be developed. This improved networking will promote information sharing and cooperative research opportunities, and will facilitate increased synergy and participation with other countries in the 6th Framework Programme and future programmes. The project will also increase employment opportunities for graduate students in Turkey involved in related hydrogen studies, simultaneously improving the skills and potential of these young scientists.

Programme(s)

[FP6-INCO - Specific measures in support of international cooperation: Specific activities covering wider field of research under the Focusing and Integrating Community Research programme 2002-2006.](#)

Topic(s)

[INCO-2004-ACC-RSTP - Reinforcement of the Associated Candidate Countries' Research Capacities](#)

Call for proposal

FP6-2004-ACC-SSA-2

[See other projects for this call](#)

Funding Scheme

[SSA - Specific Support Action](#)

Coordinator



TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU

EU contribution

No data

Total cost

No data

Address

TUBITAK Atatürk Bulvari No:221Kavaklıdere

ANKARA



Türkiye



Links

[Contact the organisation](#)  [Website](#) 

[HORIZON collaboration network](#) 

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