

METU MEMS Research and Applications Center

Results in Brief



Expanding micro-scale research in Turkey

EU funding has helped to expand research capacity in microelectromechanical systems (MEMS) at a Turkish research centre.



© Thinkstock

MEMS refer to micro-scale devices and sensors, and is a growing research field. The METU MEMS Research and Applications Center in Turkey is a local hub in this sector, but must expand to remain globally competitive.

The 'METU MEMS Research and Applications Center' ([METU-MEMS](#)) project aimed to improve research capacity at the Center, as well as align it more closely with EU research goals.

Funds were used primarily to purchase new equipment, such as ovens, workbenches, laser cutters and software. In addition, some funding was allocated to critical equipment maintenance.

Five young researchers and one experienced researcher were hired to work at the METU MEMS Center. The additional equipment and research capacity allowed the Center to offer a foundry service to nearby universities for the first time.

Other project activities focused on networking and training. Three workshops, an international symposium and numerous research exchanges were organised during the project's lifetime.

METU-MEMS has contributed to steps aiming to reverse the prevalent brain drain effect in Turkey. It also promoted collaboration and expanded Turkish expertise in this important research field.

Keywords

Micro-scale, research capacity, microelectromechanical systems, sensors, foundry service

Project Information

METU-MEMS

Grant agreement ID: 245856

Status

Closed project

Start date

1 December 2009

End date

30 November 2013

Funded under
FP7-REGPOT

Overall budget
€ 3 027 430,40

EU contribution
€ 2 700 000

Coordinated by
**MIDDLE EAST TECHNICAL
UNIVERSITY**

 Turkey

Discover other articles in the same domain of application



Virtually testing the autonomous systems of tomorrow



31 October 2019

RESULTS IN BRIEF

SCIENTIFIC ADVANCES

ICO2CHEM first results



30 September 2019



NEWS

SCIENTIFIC ADVANCES

A new result by #ICO2CHEM



20 November 2019



NEWS

Permalink: <https://cordis.europa.eu/article/id/151716-expanding-microscale-research-in-turkey>

© European Union, 2020