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## Catrene opens up for first proposals

[John Walko](#)

[EE Times Europe](#)

02/26/2008 2:56 PM

LONDON — Companies, research organizations and academic institutions have until April 23rd to submit proposals for the Euros 6bn, four year, EU research project Catrene. The first call will open on February 29 and project labelling is planned for September 30, 2008.

Catrene (Cluster for Application and Technology Research in Europe on NanoElectronics) is the follow-up program to Medea and Medea+, the pan-European Eureka collaborative research program focused on microelectronics.

The project's main aim is to work on achieving leading positions for Europe in a number of key applications areas. It expects to define several headline projects, dubbed 'Lighthouse Projects' will which require, for their successful accomplishment, the completion of many subsidiary projects focused on particular technological targets.

The areas include consumer electronics, communications, security, healthcare, energy and transportation.

Catrene is earmarked to make use of 4,000 person-years of effort each year, equivalent to about 6 billion euro (about \$8.5 billion) for the extended program.

Commercial participants in Eureka projects can usually get half their costs paid by their national governments while academic institutions can get up to 75 percent of their costs paid.

The 6 billion euro budget for Catrene is roughly equivalent to 20,000 person-years of effort expended on the Medea+ program from 2001 to 2008. It comprised 77 projects involving and around 450 partner organizations from large and small companies, institutes and academia.

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### Lego robot is flipping great

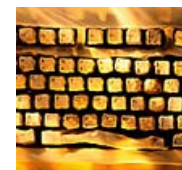
Students in Taipei used Lego MindStorm NXT to build a two-link gymnastic robot which can perform giant loops on a horizontal bar.



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