

**BENCHMARK #24**

Encounter RTL Compiler results = 20% less area

cadence

MEDEA+ to emphasize security, personal health and biochips

By Junko Yoshida , EE Times

April 05, 2004 (11:39 AM EDT)

URL: <http://www.eet.com/article/showArticle.jhtml?articleId=18900065>

PARIS — Placing additional emphasis on new application areas such as security, personal health care and biochips, the pan-European MEDEA+ program for advanced cooperative research and development in microelectronics has issued its first call for project proposals for its second phase.

MEDEA+ said Monday (April 5) it is accepting new proposals from until May 17 for the next phase that runs from 2005 to 2008.

MEDEA+, in close collaboration with European national governments, will make the final selection and complete project labeling in December. Projects selected will begin work in Jan. 1, 2005.

Despite financial difficulties, MEDEA+ officials remain optimistic that the second phase of the program will be a success. MEDEA+ is expecting to "maintain a similar level of investment resources as it received in the first phase" from 2001 to 2004, a MEDEA+ spokesman said.

Severely affected by the economic downturn on the electronics market and tightened national budgets in some European countries, MEDEA+ opened the year with "only a half of the 14 projects" originally accepted in the first phase, the spokesman said.

MEDEA+'s second phase projects will highlight its focus on new application areas such as "security, safety and health," said the spokesman, "in addition to the ongoing work areas originally defined by MEDEA+."

Work areas range from high-speed communication networks, "networked information, communication and entertainment terminals" and smart card systems to automotive electronics and "electronic design automation for SoC design and design for manufacturability."

MEDEA+ added "security" as a separate work area because of the pervasive role security is expected to play in electronics applications. New aspects of security the group hopes to tackle include digital, network along with computer and data security. Under a new work area called "user-centric applications," MEDEA+ is also looking for proposals for R&D projects on personal healthcare, comfort and biochips.

Since the program's launch in 2001, its goal has been "for Europe to become a leader in system innovation on silicon." R&D issues addressed range from enabling technologies such as EDA and silicon processes to applications selected for their technological importance, MEDEA+ said. The group regards high-speed access, smart cards and security, automotive electronics and digital consumer electronics strategic areas for Europe.

The latest call for proposal is "not a guided call but it's an open one," the MEDEA+ spokesman said. Details on the second phase of the program are list in the MEDEA+ [White Book 2](#). Proposals are expected to follow guidelines in the White Book.

MEDEA+ partners include major microelectronics manufacturers, systems houses, small and medium-sized enterprises, universities and institutes across Europe.

**Need SPICE accuracy for
post-layout verification?**



[Copyright © 2003 CMP Media, LLC](#) | [Privacy Statement](#)