



MEDEA+ Project Led by STMicroelectronics Wins European Award for Project Excellence

Geneva, December 15, 2004 - STMicroelectronics has announced that a MEDEA+ project that the company led, and which was largely implemented at ST's advanced R&D center in Crolles, France, has won the first of a new series of annual awards for European collaborative innovation in Microelectronics, called the 'Jean-Pierre Noblanc Award for Excellence.'

Selected from 26 eligible MEDEA+ Applications and Technology projects, the winning project, announced during the annual MEDEA+ Forum that took place in Paris, France, on November 23-24, was project T201 ("CMOS Logic 0.1 micron and Below"), led by Dr. Guillermo Bomchil from ST's Central R&D group in Crolles, France. The candidate projects were assessed for the innovation level of the project results, exploitation potential, anticipated market impacts, specific impacts on the European economy, quality and efficiency of the project, co-operation and management, and effectiveness of resource spending.

The winning project ran for two years from January 2001 with the aim to integrate the 90nm CMOS technology generation for volume manufacturing, as well as to develop modules for the 65nm generation. The work involved a complex co-operation between nine industrial companies and four major research institutes from four countries, with the major partners being ST, Philips, Aixtron, Leica, Bull, LETI, and IMEC. The cooperation was commended for its well coordinated massive approach to make best technology choices in the most effective and fastest way, achieved by an excellent co-operation, parallel investigations of critical issues and consensus in best solutions.

In the T201 project, high performance and low power devices with double-metal, dual-damascene interconnects for copper layers were fabricated and characterized with excellent electrical performance. The final demonstrator chip, designed by Bull was transferred and manufactured on the Crolles2 300mm pilot line through the work of the Crolles2 Alliance partners, incorporated 54 million transistors, with 300 million contacts, over 9km of interconnects, and eight copper layers.

"The success of this key project not only helped the European microelectronics industry to maintain its leading-edge capability at the 90nm node but also laid the groundwork for our leadership in the coming 65nm technology generation and beyond. It also demonstrated once again ST's outstanding ability to work with a wide range of partners to achieve common goals," said Hervé Mingam, Advanced Technology Director, STMicroelectronics.

The Jean-Pierre Noblanc Award was established by MEDEA+, the pan-European Programme for advanced cooperative Research and Development in Microelectronics, to commemorate its late Chairman and recognize significant contributions to the European microelectronics industry.

About STMicroelectronics

STMicroelectronics is a global leader in developing and delivering semiconductor solutions across the spectrum of microelectronics applications. An unrivalled combination of silicon and system expertise, manufacturing strength, Intellectual Property (IP) portfolio and strategic partners positions the Company at the forefront of System-on-Chip (SoC) technology and its products play a key role in enabling today's convergence markets. The Company's shares are traded on the New York Stock Exchange, on Euronext Paris and on the Milan Stock Exchange. In 2003, the Company's net revenues were \$7.24 billion and net earnings were \$253 million. Further information on ST can be found at www.st.com.

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ST Mission: to offer strategic independence to our partners worldwide, as a profitable and viable broad range semiconductor supplier.

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