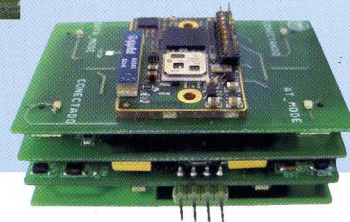
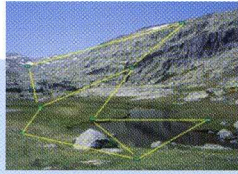
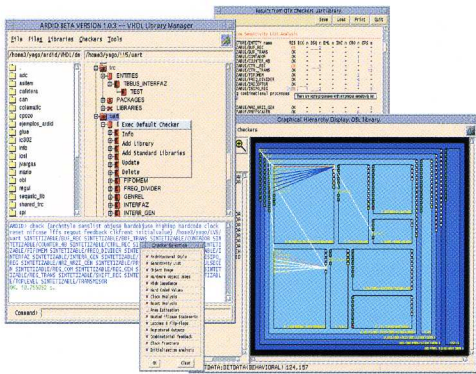


## DIGITAL SYSTEMS

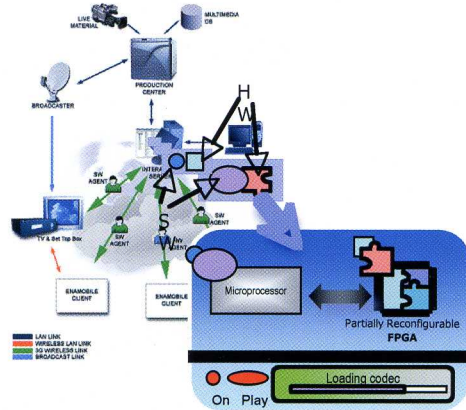
- Embedded intelligent systems
- Wireless sensor networks
- Reconfigurable systems
- Power estimation



■ “Cookies”. Modular platform for wireless sensor networks. Ability to easily combine different combinations of energy supply, types of sensors and communications.



■ ARDID is a tool to analyze the VHDL code quality from a *hardware* point of view. It helps the designer in the VHDL-based complex systems design flow.



■ Development of a mobile platform (EnaMobile) with *hardware* partial reconfiguration for multimedia applications. *Hardware* configurations can be downloaded from a server together with multimedia content.

## POWER QUALITY

- Power electronics in power systems
- Analysis of harmonics, unbalance and flicker