



Smart Cities and Communities

In July 2012, the European Commission launched the Smart Cities and Communities European Innovation Partnership. The partnership proposes to pool resources to support the demonstration of energy, transport and information and communication technologies (ICT) in urban areas.

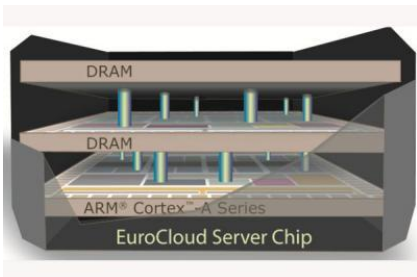
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Ubiquitous sensing

The potential with nano processors is to enable smart systems that consume very little energy, and coupled with energy harvesting essentially run forever - autonomously, remotely and without a battery. Thus, transforming the socio-economic wellbeing of the European citizen, from reducing traffic congestion and to smart power grids to improved water and air quality monitoring.

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Is the Cloud bad for the Climate?

European researchers are developing a new microprocessor for use in data centres that uses 10% of the energy that chips currently consume. But this saving is cancelled out by the fact that accessing data on the Cloud uses ten times more energy than doing the same task on a PC, as revealed by new analysis.

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EU meet its target

The United Kingdom cut greenhouse gas emissions by more than any other European country in 2011, over-achieving on targets under the Kyoto protocol on climate change. The EU as a whole will meet its target.

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