

Digital Single Market

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European Commission to propose an Electronics Strategy for Europe

Micro and nanoelectronics underpin a significant part of the worldwide economy. Their role will continue to grow as future products and services will become more digital.

- The global turnover of the sector alone was around €230 billion in 2012. The value of products comprising micro and nanoelectronic components represents around €1.600 billion of value worldwide.
- Despite the recent financial and economic setbacks, the worldwide market for micro and nanoelectronics has grown by 5% per year since 2000. Further growth of at least the same magnitude is predicted for the remaining part of the current decade.
- Although in Europe, the digital sector is increasing by 5% per year since 2000, Europe's share in the global market keeps decreasing.
- The pace of innovation in the field is one of the main drivers behind the high growth rates of the whole digital sector which today has a total value of around €3.000 billion worldwide.
- In Europe, micro and nanoelectronics is responsible for 200.000 direct and more than 1.000.000 indirect jobs and the demand for skills is unceasing.
- The impact of micro and nanoelectronics on the whole economy is estimated at 10% of the worldwide GDP.
- Competitiveness – all sectors in Europe will benefit, at least 10% of the GDP (around 70.000 billion \$) depends on nanoelectronics products and services.

In the coming days, the European Commission will propose a strategy aiming at maintaining Europe at the leading edge in the design and manufacturing of micro and nanoelectronics and to provide benefits across the economy. In order to achieve this goal, the strategy proposes (i) to build a European industrial roadmap to be implemented through investments by the EU, Member States and regions; (ii) to set up a Joint Undertaking to support R&D&I actions in micro and nanoelectronics under Horizon 2020; and (iii) to implement flanking measures to strengthen Europe's competitiveness (including progress towards a level playing field on state aid, support to business development and SMEs, and actions addressing the skills gap).

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