INNOVATION IN ACTION

Joint Exhibition
30 September - 4 October 2013
Nanoelectronics: the “Smart” of Everything

Smartphone
Smart Card
Smart Grid
Smart Cities
Smart Mobility
Smart Governance
....
Smartanything!
ENIAC Joint Undertaking Vision

A Public-Private Partnership bringing together R&D actors, Member States and the European Union

VISION

The ENIAC Joint Undertaking shall increase and leverage private and public investments in nanoelectronics contributing to strengthening Europe’s future growth, competitiveness and sustainability
2008-2012: Total Eligible Costs 1,785.8 M€

- Automotive and Transport: 505.9 (28%)
- Communications and Digital Life Style: 111.5 (6%)
- Energy Efficiency: 106.7 (6%)
- Health Care and Aging Society: 421.3 (24%)
- Safety and Security: 440.8 (25%)
- Design Technology: 41.6 (2%)
- Semiconductor Process and Integration: 50.6 (3%)
- Equipment, Materials and Manufacturing: 107.5 (6%)
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KET Pilot Line Projects:
- 728 M€ (220 M€ grants)
- 128 Participations (28% SME)
- 20 European Countries
ENIAC JU Ecosystem 2008-2012

Eligible Costs: 1.749 B€

[Bar chart showing funding distribution by country and category]
ENIAC JU Ecosystem 2008-2012

- Participating Organizations: 532
- SME Participation: 41%
- SME Investments: 11%

Eligible Costs: 1.8B€

Uni/Inst/NP, 174, 33%
Large Industry, 141, 26%
SME, 217, 41%

SME Investments: 11%

Uni/Inst/NP, 386.9, 22%
SME, 200.4, 11%
Large Industry, 1203.0, 67%
Strategic Priorities in European Nanoelectronics:

- Regain global leadership
- Increase investments:
  - >5 B€ through Horizon 2020
    (merger ENIAC+ARTEMIS JU + ETP EPoSS)
  - Much more through synergistic
    R&I + regional co-funding
- Ensure long-term sustainability generating jobs and growth
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