

Making High-Tech Innovation happen in Europe

Towards a European Agenda for 2020 and Beyond

Werner B. Korte, Director, empirica GmbH

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Main Focus and Objectives

- Proposal for a **high-tech and leadership skills** strategy developed with key stakeholders
- Basis for a **shared EU-wide strategy**
- Initiate **quality leap initiatives at all levels**
- Help position EU member states **among the frontrunners** in the global race for talent

e-Leadership Index, 2016

European ICT Poles of Excellence. Rank in EU "ICT Pole of Excellence", JRC (2014)

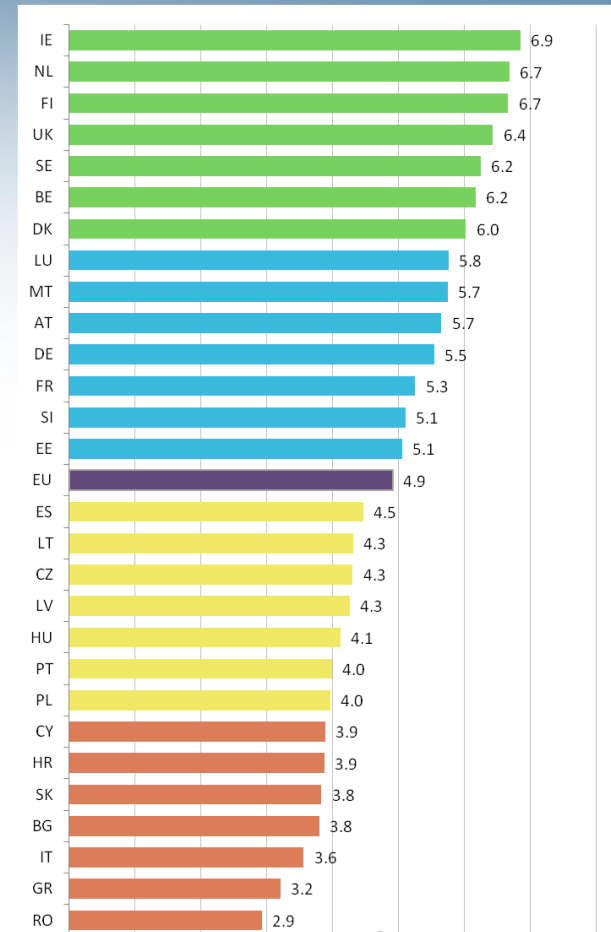
- Ranks 1 - 3
- Ranks 4 - 11
- Ranks 12 - 34

Group 1 :
more
than 20%
below EU
average

Group 2 :
less than
20%
below

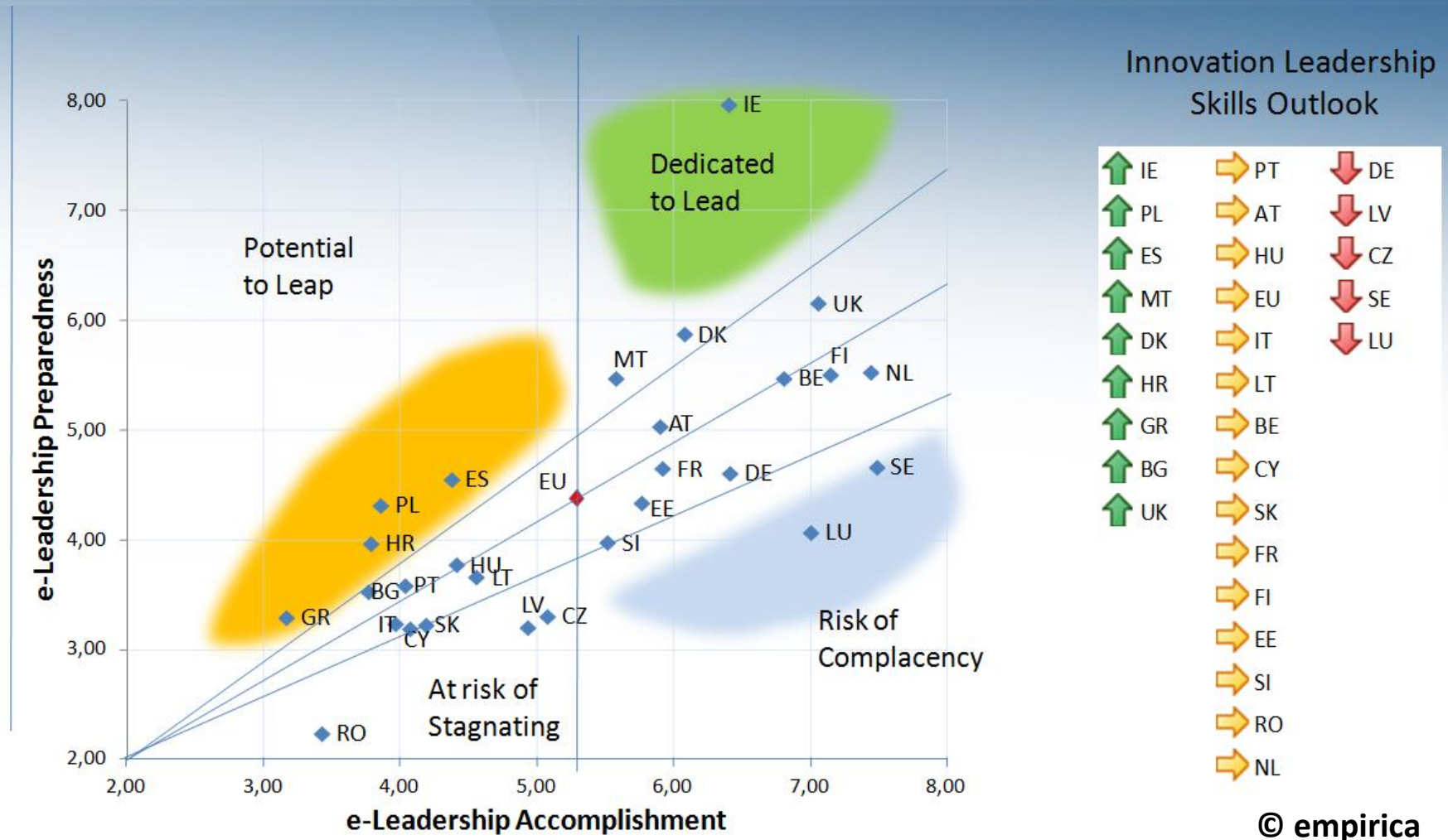
Group 3 :
less than
20%
above

Group 4 :
more
than 20%
above EU
average

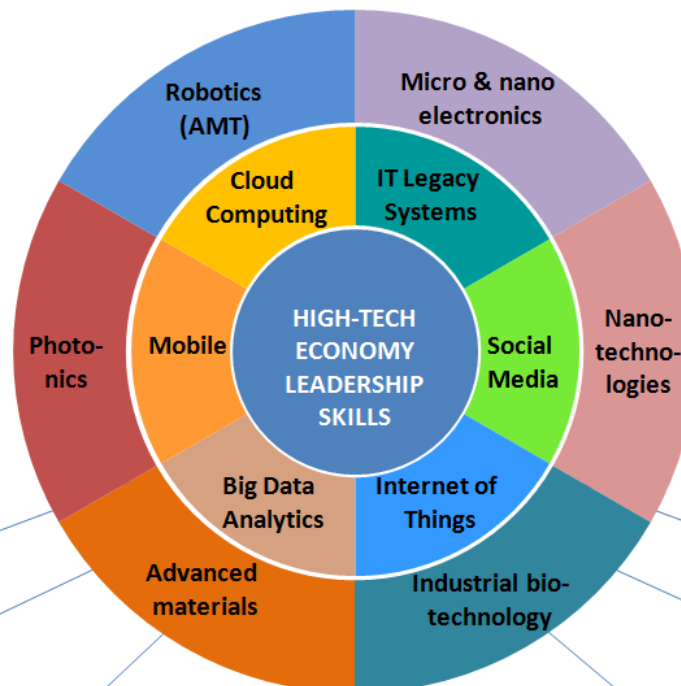


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Accomplishment v. Preparedness: Mid-term Outlook 2016



Strategic Priorities and Actions



Monitoring, benchmarking and forecasting

- Definitions
- Scoreboard and index
- Demand, supply, forecast
- World-class best practices

Industry, education and training

- New LLL partnerships & players
- New approaches & structures
- Ecosystems to create ecosystems
- Workforce credentialing
- Multi-disciplinarity
- Non-technical courses
- Teacher/professor skills
- Reverse mentoring

Career, recruitment and self-assessment platform

- Digital services
- Diagnosis
- Self-assessment
- Learning

Better coordination and funding

- Strategic use of funding
- 'Growth' phase funding
- Fund 'individuals'
- European quality leap programme

National high-tech skills strategies

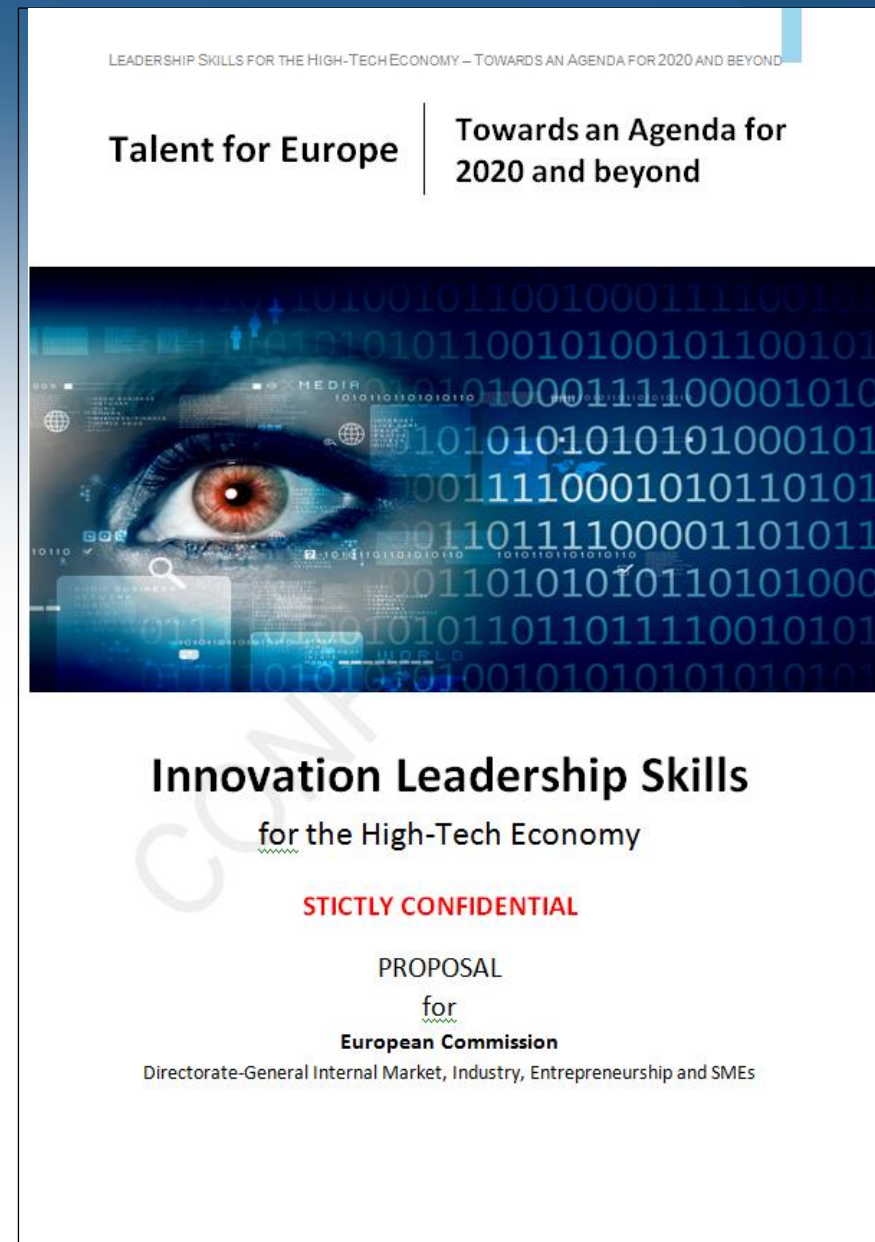
- Policy commitment
- National Advisory Boards for informed policy development

Promotion and awareness raising

- European promotion
- Multi-stakeholder partnership
- Awareness Campaign
- Biographies, role models & success stories

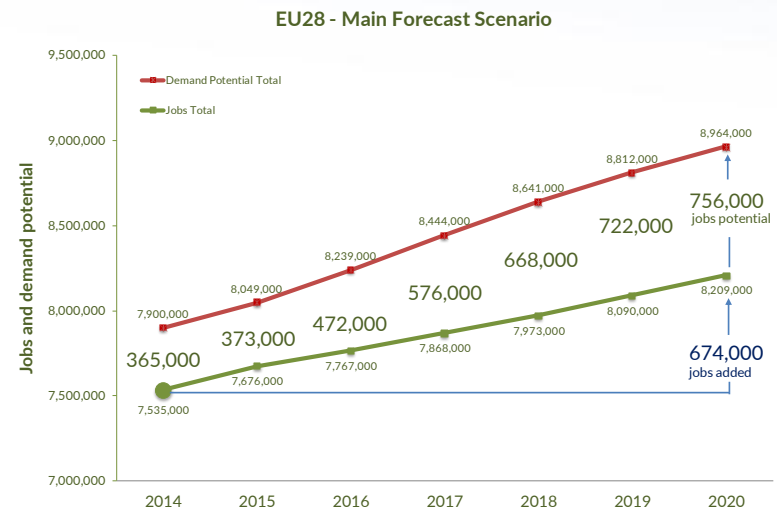
Summary

1. Monitoring, benchmarking and forecasting
2. Industry, education and training
3. Platform-based online career support, recruitment
4. Better coordination (policy alignment, funding)
5. National high-tech and leadership strategies and policy commitment
6. Promotion and awareness raising



Monitoring , Benchmarking and Forecasting

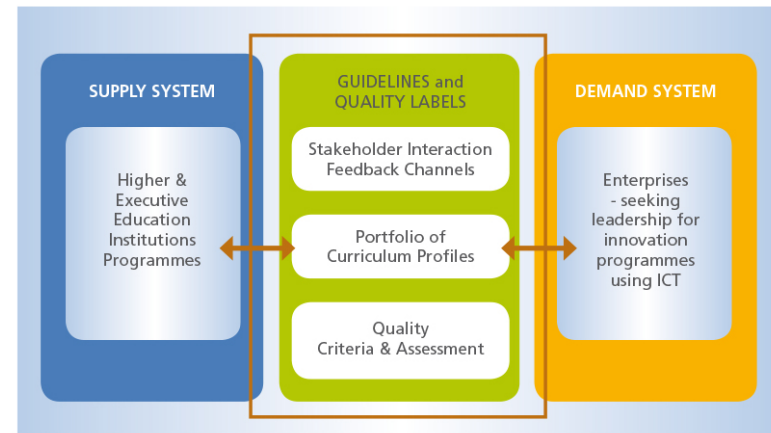
- ... to support European & national policy development ...
 - Shared definitions and classifications of innovation leadership skills (e-CF and IT professional profiles)
 - Scoreboard and index for benchmarking and ranking
 - New approaches for quantification, demand, supply measurement and forecasting (use of online vacancy data & sources like LinkedIn)
 - World-class **best practices repository**: learning practices
 - **European observatory mechanism**: one-stop-shop gateway



Industry, education and training

- **Higher Education needs to change ...**
 - ... **lifelong learning** institutions, **new partnerships** and **players**
 - **Workforce credentialling**: new certification
 - Embedding **technical multi-disciplinarity** in the **curriculum & non-technical courses in technical curricula**
 - Updating the **skills of teachers/professors**
 - **Reverse monitoring**

The e-leadership skills development ecosystem



Online Career Support and Recruitment

- ... one-stop-shop gateway online platform ...
 - **Toolbox** supporting
 - diagnosis,
 - self-assessment, and
 - learning
 - **Open ecosystem** of online tools
 - **Quality assurance**
 - **Powered by e-CF and ESCO** as ,common language‘



e-Competence Quality



Better Coordination and Funding

- **... of EU and national funding programmes**
 - **New generation of funding programmes from 2020 onwards**
 - **Inspire post 2020 financial and funding framework, strategic priorities and governance**
 - **Digital Skills and Jobs Coalition, Blueprint for sectoral cooperation on skills as inspiration for shared strategy and governance**



National Strategies

- Crucial for stakeholders, especially SMEs
 - Longer-term **policy commitment** and **concrete action plans** needed
 - **National Advisory Boards** for informed policy development

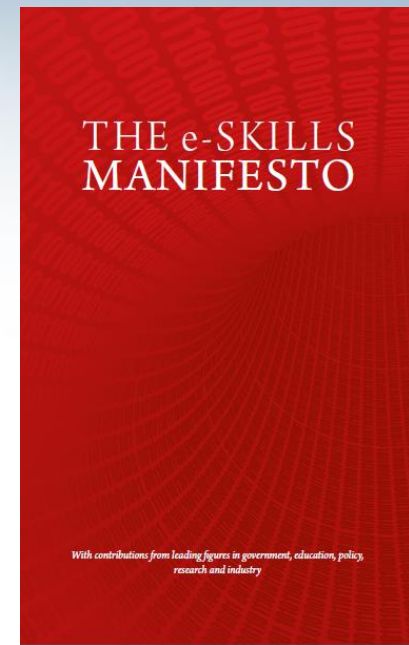


Promotion and Awareness Raising

- ... for leadership skills for the high-tech economy
 - European partnership and promotion campaign
 - Biographies, **role models** and success stories



**Digital Skills and
Jobs Coalition**



From Ideas to Results

- New Skills Agenda:
 - **Digital Skills and Jobs Coalition** launched on 1 December 2016
 - **Blueprint for sectoral cooperation of skills: 6 pilots in 2017***
- Coordinated efforts based on a shared strategy needed
- Inspiration for new programmes at EU and national levels
- Stakeholders must also commit: industry, trade unions, education and training organisations, associations etc.

Now is the time for action

* Automotive industry, textile, clothing, leather and footwear, tourism, defence and space sectors

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THANK YOU