



Digital Business in Europe: Beyond eEverything

The right framework conditions and skilled ICT professionals to boost digital growth in Europe

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Industry, trade and services

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eurostat

Statistics in focus

6/2013

Enterprises making slow progress in adopting ICT for e-business integration

ICT usage in enterprises 2012

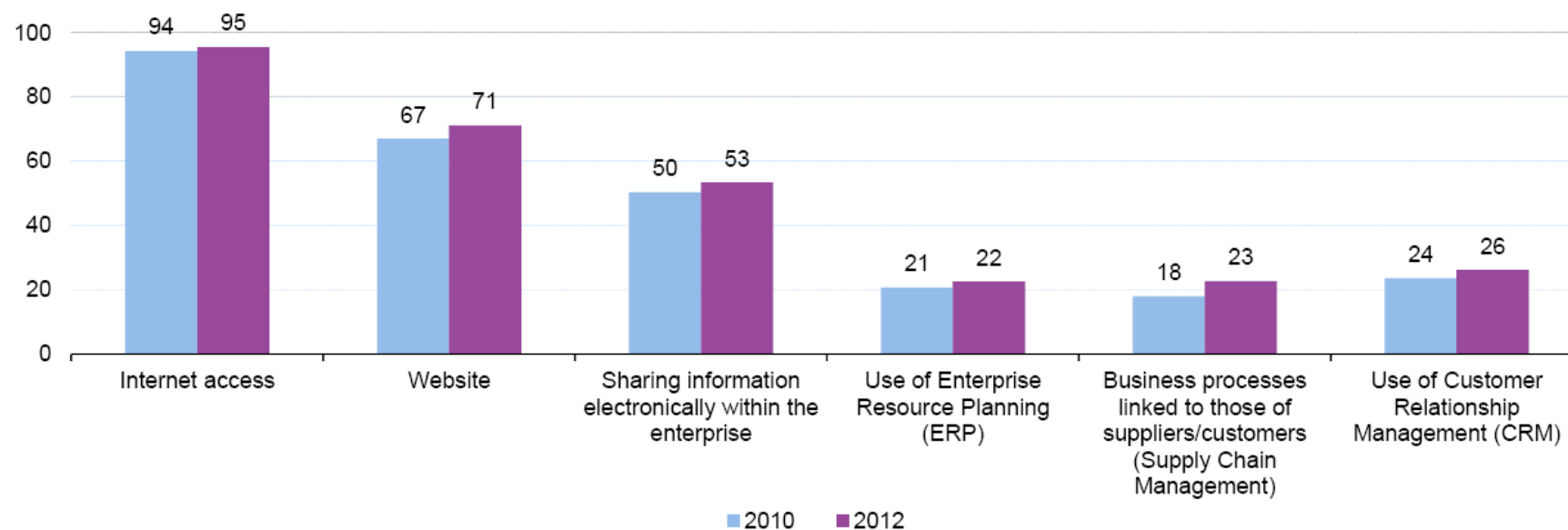
Information and Communication Technologies (ICT) have fast become an integral part of EU enterprises. The extensive and intensive use of ICT, combined with new ways of accessing and using the Internet efficiently, characterise what

communication, share information with business partners and communicate with customers. In this context, **e-economy** includes both electronic business (**e-business**) and electronic commerce (**e-commerce**).



Enterprises making slow progress in adopting ICT for e-business integration

Figure 1: Adoption of e-business technologies in enterprises, EU27, 2010 and 2012 (% of enterprises)



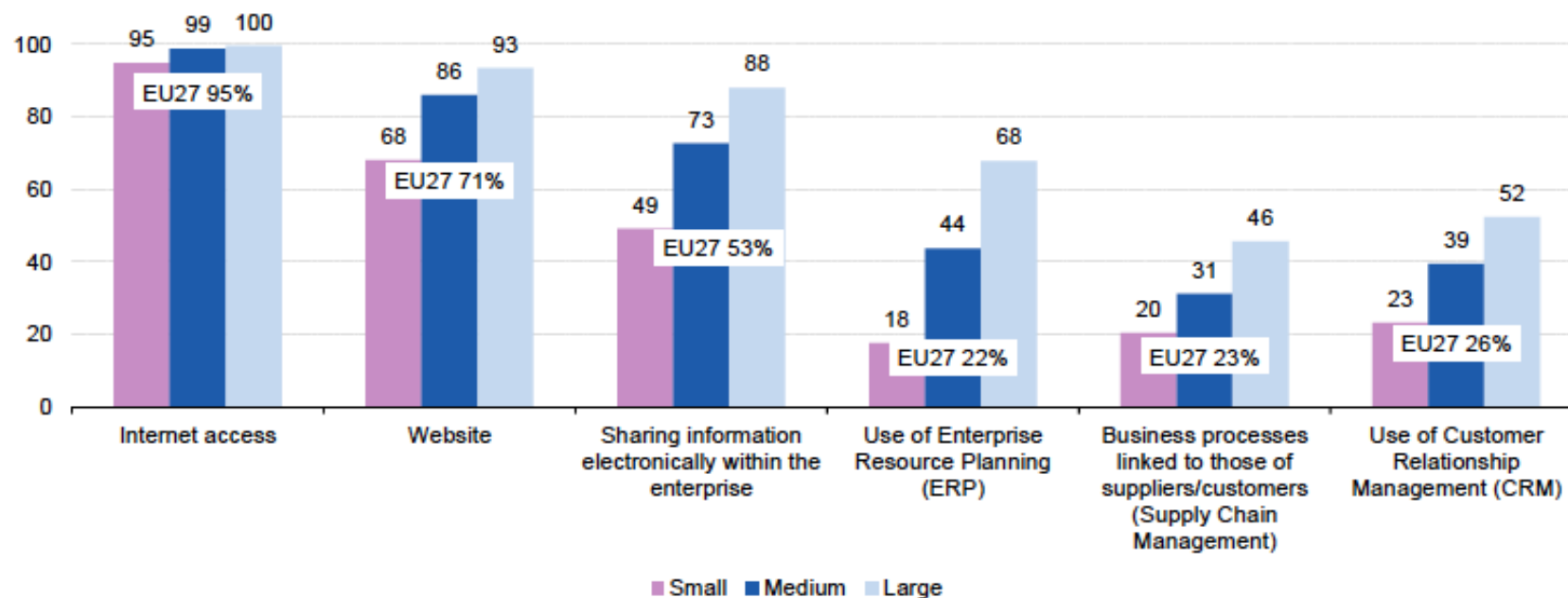
Source: Eurostat (online data codes: [isoc ci in en2](#), [isoc ci it en2](#), [isoc bde15dip](#))



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Pronounced differences depending on company size

Figure 2: Enterprises adopting technologies for e-business, by size class, EU27, 2012 (% of enterprises)



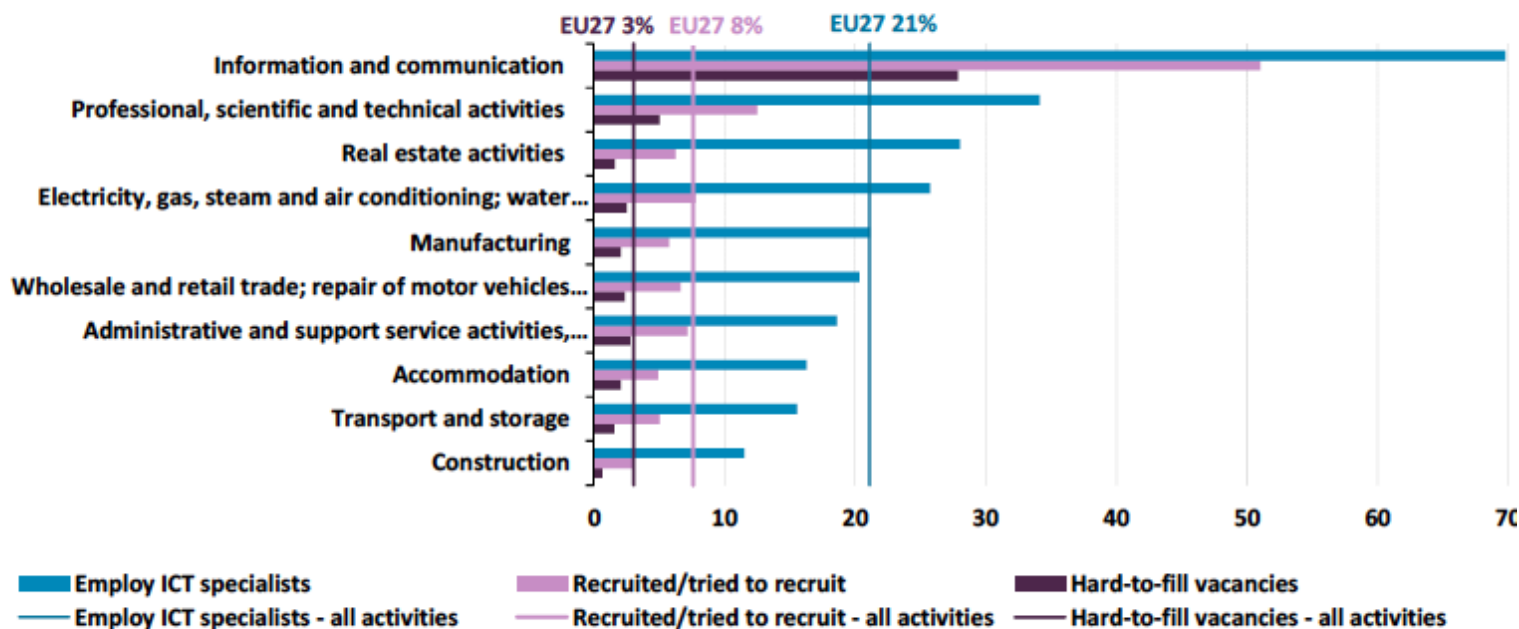
Source: Eurostat (online data codes: [isoc_ci_in_en2](#), [isoc_ci_it_en2](#), [isoc_bde15dip](#))



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Even in times of crisis, certain ICT experts are hard to find

Figure 10: Enterprises employing, recruiting and having hard-to-fill vacancies for ICT specialists, by economic activity, EU27, 2012 (% of enterprises)



Figures on recruitment of ICT specialists and hard-to-fill vacancies refer to 2011

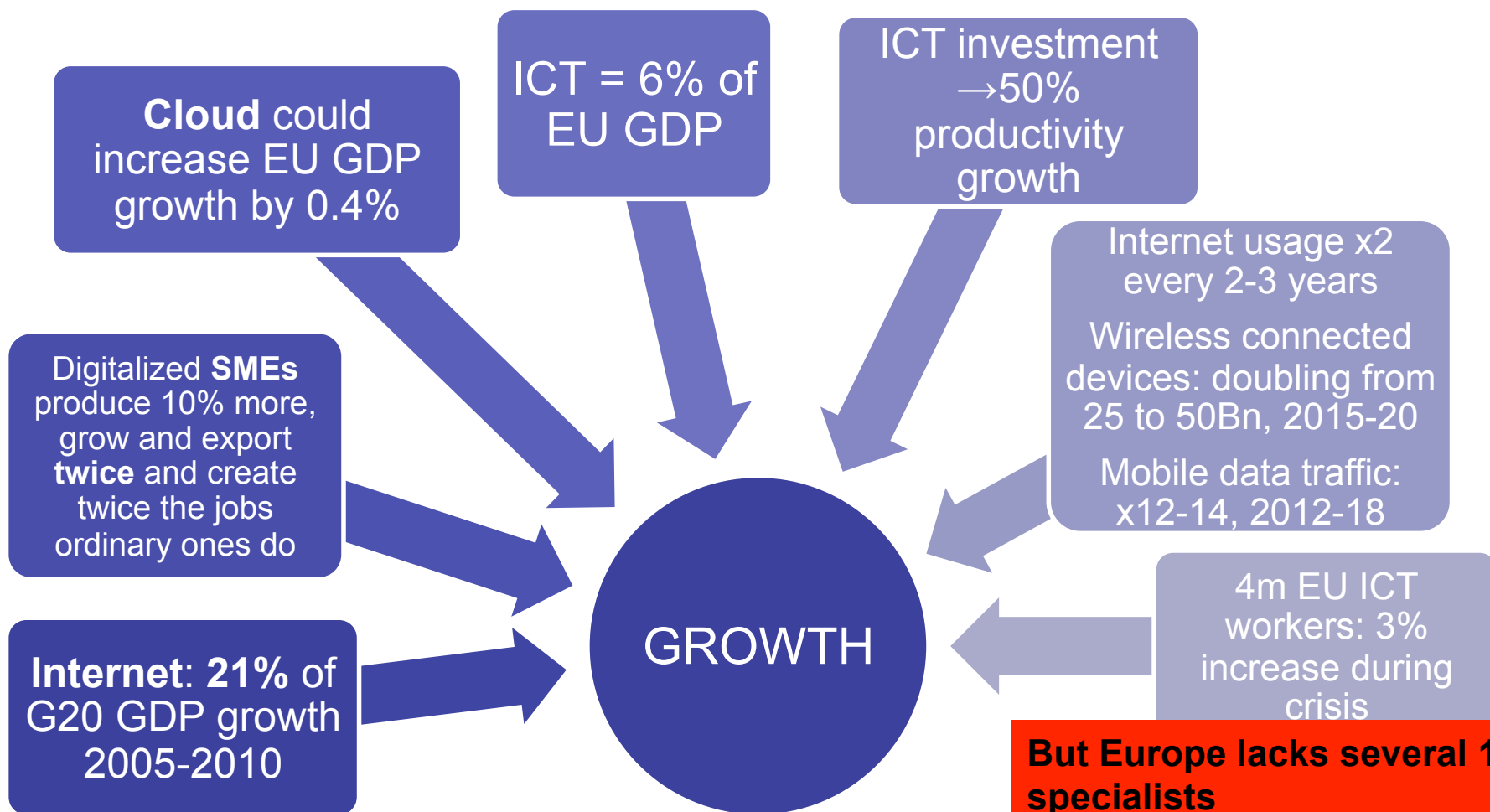
Source: Eurostat (online data codes: [isoc_ske_itspen2](#), [isoc_ske_itrcm2](#))





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Digital business creates jobs and growth





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A European borderless economy — the Digital Single Market

Speeding up public sector innovation

Very fast internet supply and demand

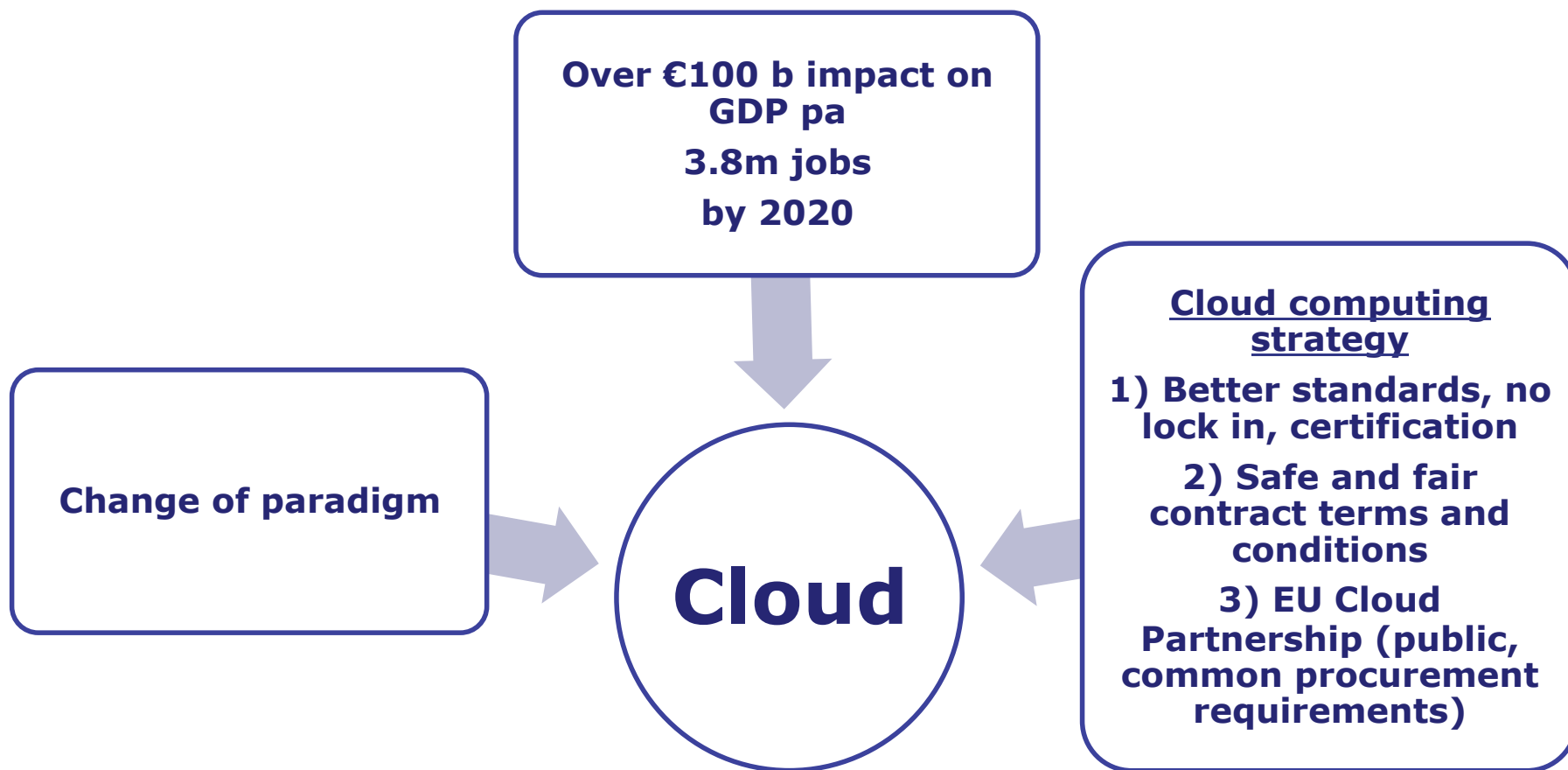
Cloud computing

Trust and Security

Entrepreneurship and digital jobs and skills

Beyond R&D&I: An industrial agenda for key enabling technologies

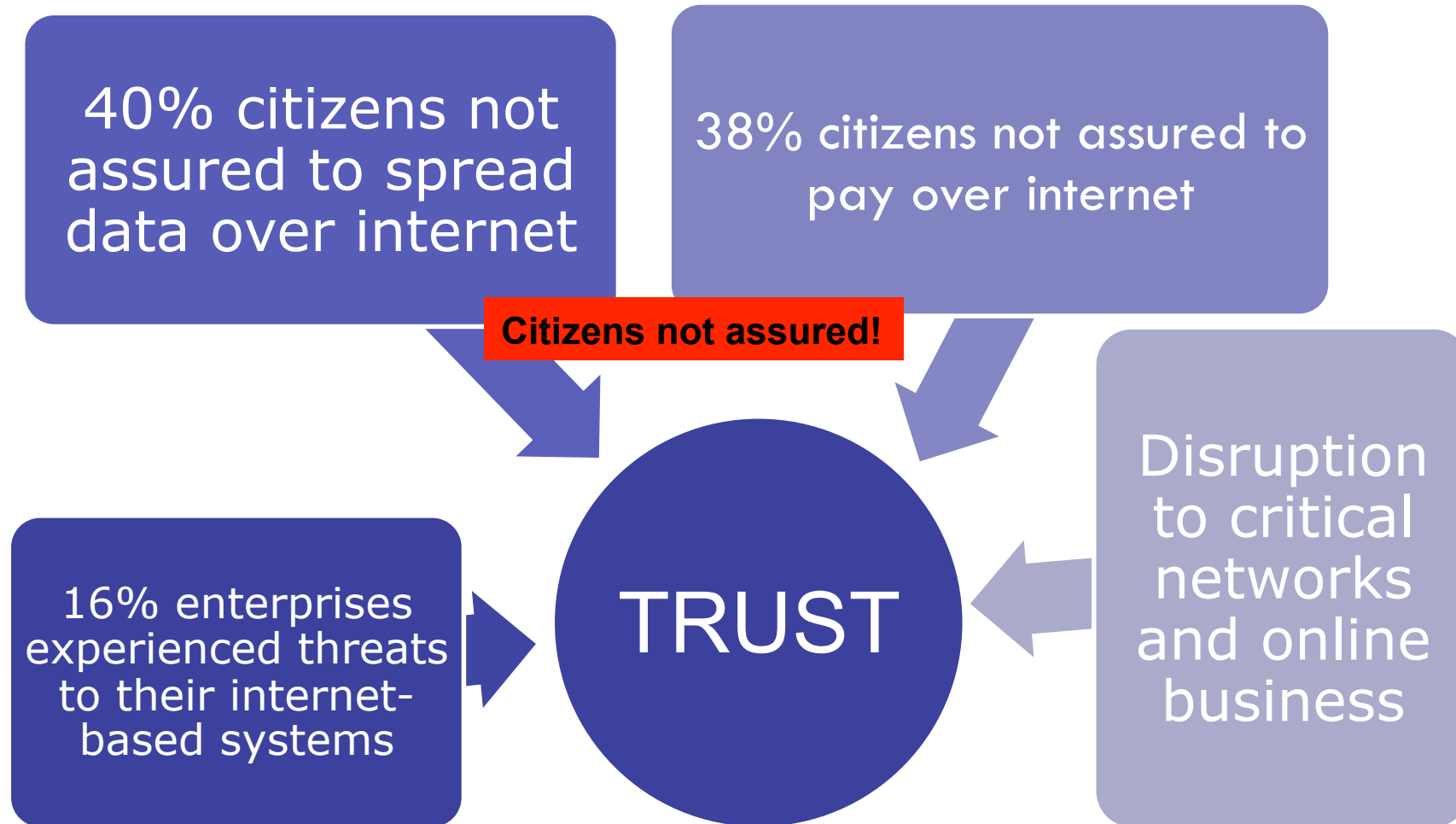
Example Cloud Computing





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Example Trust and Security





An idea for SMEs: ICT innovation vouchers

Definition

Small grants provided by the regional authorities to micro, small and medium-sized enterprises (SMEs) to purchase ICT services from service providers with a view to introducing ICT innovations in their existing business. Possible use of structural fund money.

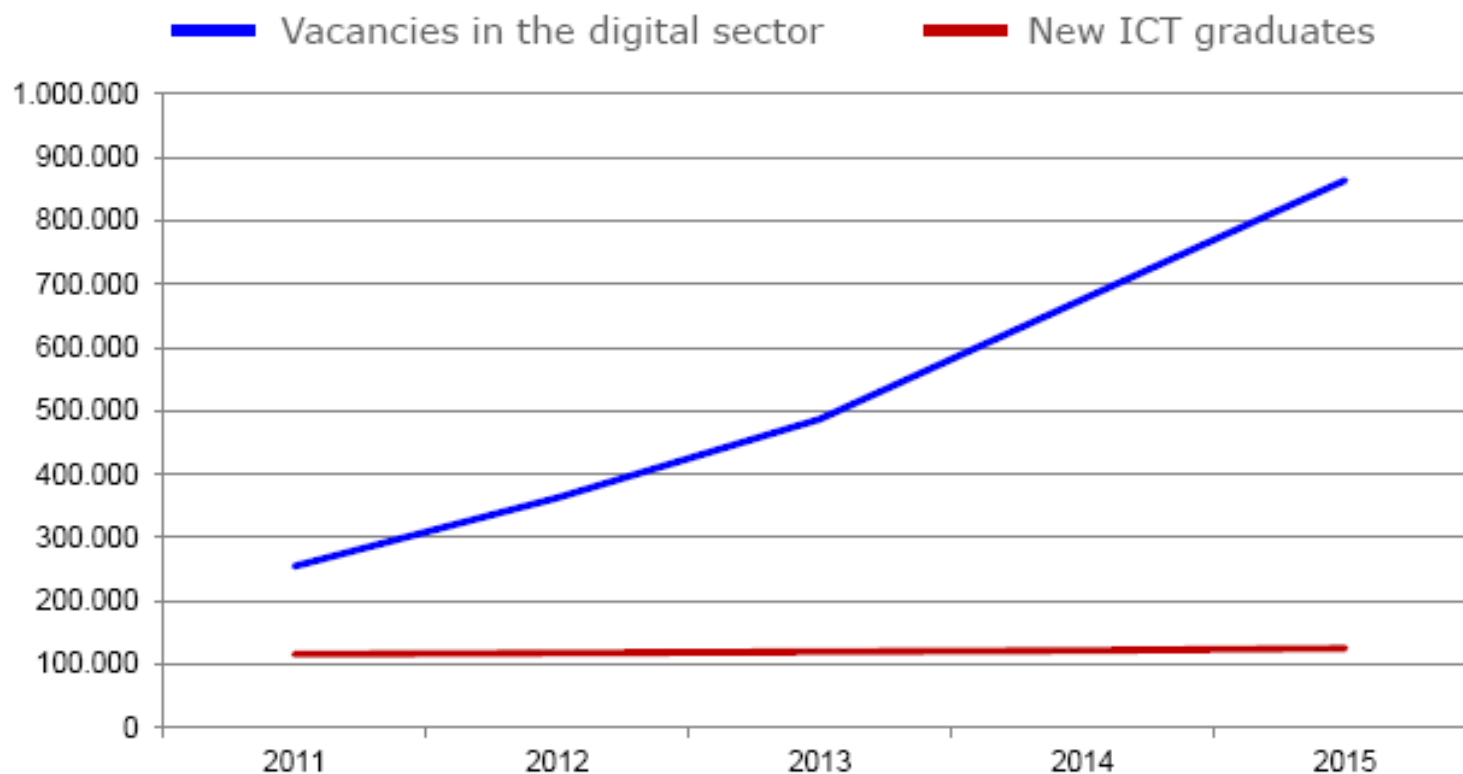
Objectives

- Enhance access to know-how for SMEs
- Provide incentives to knowledge providers to build relationships with SMEs



The example of the ICT sector

Digital jobs: vacancies and graduates* (numbers)



* Surveys and forecasts assuming moderate growth in GDP and ICT investment. Only ICT graduates are considered here.

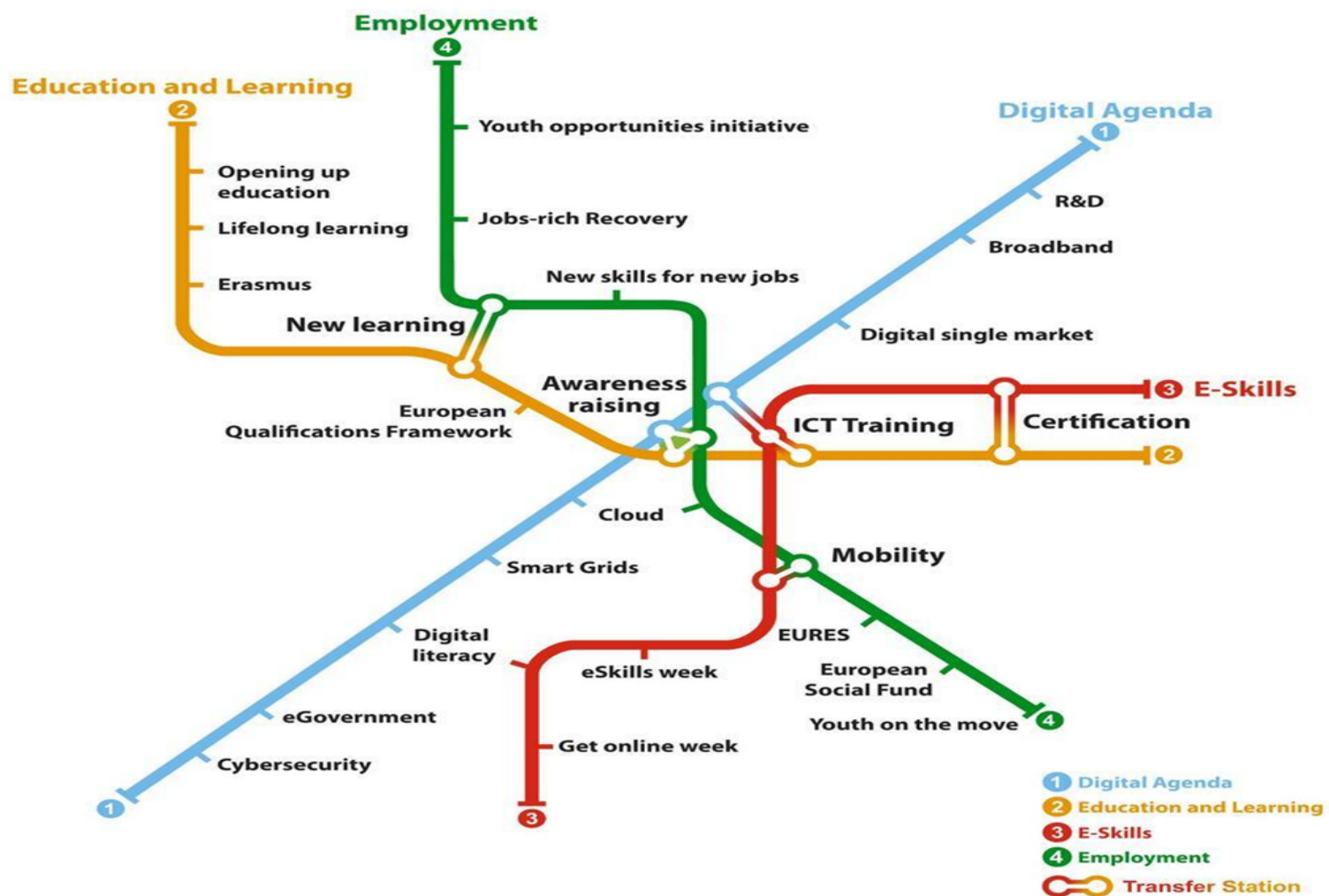
Source: Empirica



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The Grand Coalition for digital jobs

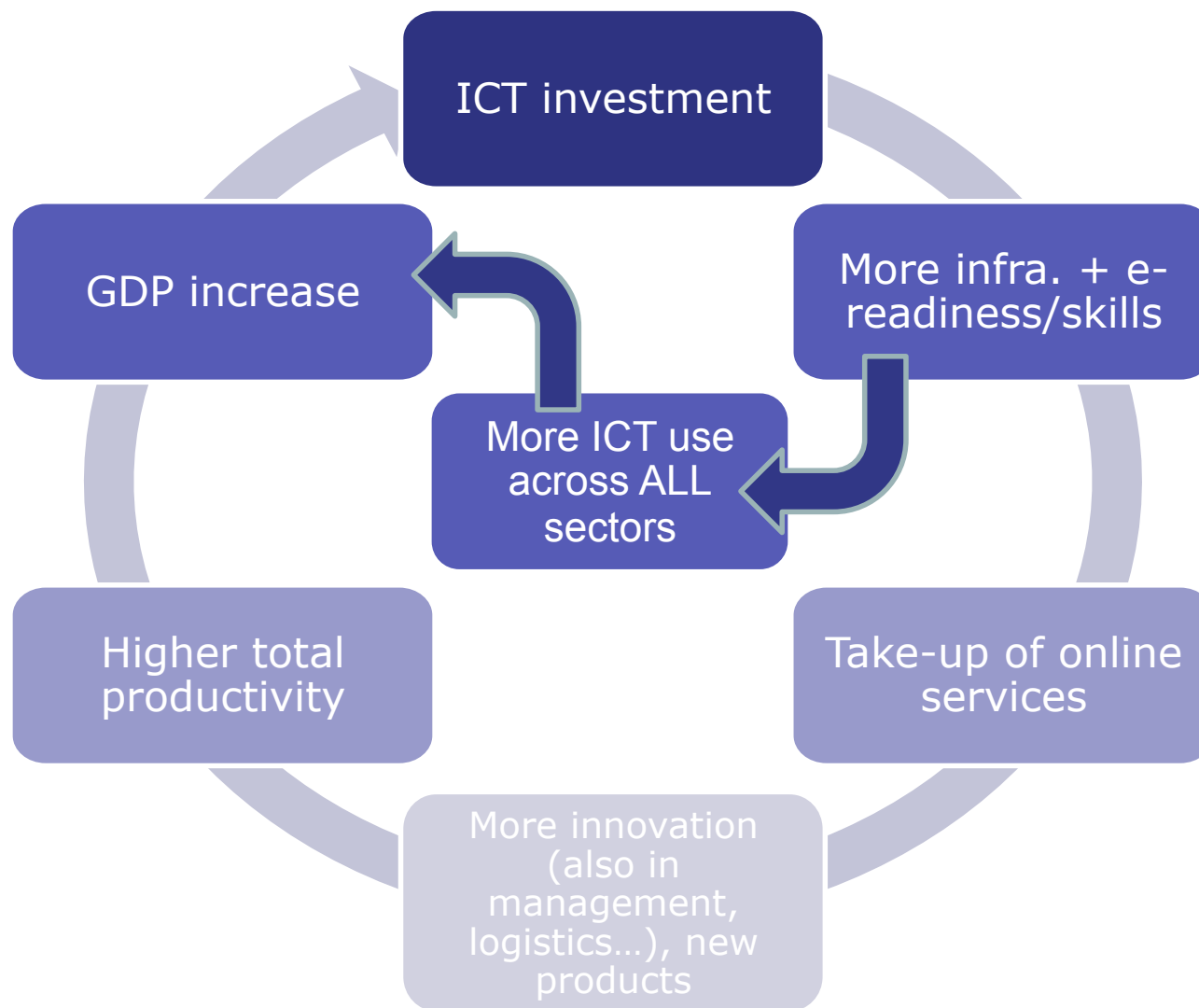
Grand Coalition for Digital Jobs





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Entrepreneurship, digital jobs and skills





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