



## CAPITALISING ON THE BENEFITS OF THE 4<sup>TH</sup> INDUSTRIAL REVOLUTION

### Flexible workforce and businesses

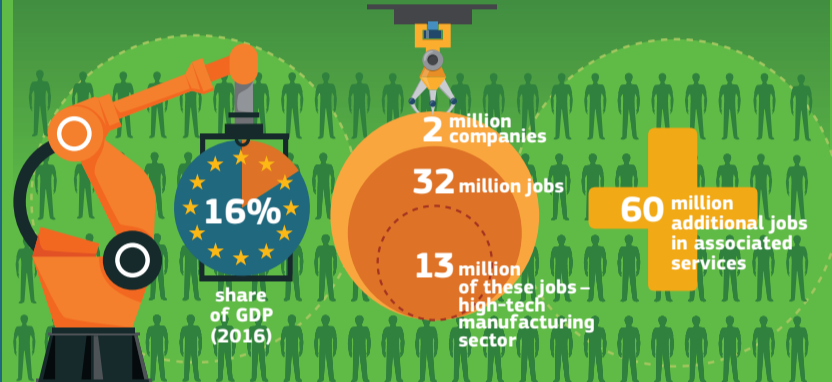
R&I Projects for Policy

The 4<sup>th</sup> Industrial Revolution has a huge potential to drastically improve the **flexibility and productivity** of businesses and organisations, but also may bring **risks for competitiveness, job markets and society**.



The gaps in **skills and education** must be addressed to fully deploy the **new technologies and business models**.

### Manufacturing – the backbone of the European economy



### R&I results – capitalise on the opportunities, mitigate the risks

The EU has invested in research and innovation to find solutions.

**30** specialised projects have produced results on:

<p>identification of needed <b>skills and competences</b>; and development of <b>new job profiles</b>, methods for <b>education/training</b>, and new forms of <b>work organisation</b></p>	<p>identification of <b>new business models</b> and barriers to <b>technologies take-up</b>, and development of <b>new technologies</b></p>
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### Actions for policymakers

<p>raise <b>awareness</b> and <b>deepen understanding</b> of the potential and risks related to the 4<sup>th</sup> Industrial Revolution</p>	<p>foster links and synergies between relevant policy actions – such as the <b>European Sectoral Blueprint Initiative on Skills</b></p>
<p>promote <b>life-long learning</b> in factories and new learning methods</p>	<p>develop guidance and practical examples to <b>address regulatory barriers</b>.</p>
<p>set up a <b>European Manufacturing Skills Council</b></p>	

See also:  
[http://ec.europa.eu/research/industrial\\_technologies/index\\_en.cfm](http://ec.europa.eu/research/industrial_technologies/index_en.cfm)  
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Find all R&I Projects for Policy reports at:  
<http://ec.europa.eu/research/p4p>

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