

Focus on advanced manufacturing

05/2014  [Manufacturing](#), [EU](#), [Focus on sectors](#)

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Summary

The number of science and engineering graduates is rising, but skills shortages remain.

Key facts:

- The number of science and engineering graduates is rising, but skills shortages remain
- Although the manufacturing sector is expected to continue to decrease in size over the next decade, advanced manufacturing is expected to grow significantly, with the global market expected to double in size up to 2020.
- The growth in advanced manufacturing is forecast to lead to an increase in the number of high-skilled jobs in the sector. Growth in Research and Development (R&D) investment will increase demand for engineering jobs at graduate and intermediate levels.
- The introduction of new technology and the growing automation of manufacturing processes will also require all industry workers to have increased technical skills. In particular, it is expected that workers will require skills in digital techniques, computing, analytical thinking, machine ergonomics and manufacturing methodologies.

The full text of the Analytical highlight can be downloaded from the link below:

Attachment	Size
 EUSP_AH_AdvManufacturing.pdf	350.23 KB

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