ABSTRACT

A new manufacturing model is emerging drawing on the new technologies linked to the 4th Industrial Revolution. Smart manufacturing is defined as a broader model than Industry 4.0 and it is a fundamental new paradigm that re-defines the nature of the manufacturing sector. This work presents some thoughts on smart manufacturing and its implications for the long term competitiveness of Europe as an advanced economy. The motive for this is to understand the drivers and the challenges that might enable the upgrading of existing manufacturing competences, and more importantly that can anchors new technological capabilities across EU region.
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