



## Digital Manufacturing Industrial Summit

*Through the eyes of the openZDM team*



If you are coming from the world of engineering or manufacturing, [Digital Manufacturing Industrial Summit \(DMIS\)](#), organised from 25th to 27th of April in Valencia (Spain) and hosted by [Universitat Politècnica de València \(UPV\)](#), was the place to be! At this event, key Digital Manufacturing stakeholders joined to network and discuss the latest trends on the field. **Networking with other (zero defect) manufacturing key players and enthusiasts** is something we aim at, so of course we were there, too.

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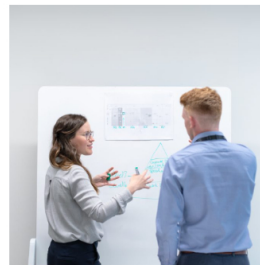
## Stay in the manufacturing loop

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### How is Industry 4.0 disrupting the European manufacturing ecosystem?

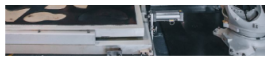
The **Industrial Revolution** has been changing over the centuries with faster and faster technological innovations. In this article, learn more about [the Fourth Industrial Revolution](#), its aspects, trends, benefits and inevitable impact.



### Improving Quality Control in the Manufacturing Industry through Digital Twins

In the fourth Industrial Revolution, Digital Twin solutions are constantly emerging in smart factories. Within this article, we discover [the concept behind Digital Twins](#) and why it has a great potential to improve the Quality Control process of a manufacturing business.





## The openZDM Platform in a world driven by the 4th Industrial Revolution

In the context of the Industry 4.0 the openZDM Platform promotes zero defects in manufacturing through various advanced tools. In this article, we systematically elaborate what is the [architecture of the openZDM platform](#), its innovative potential and benefits it could provide to the European manufacturers.



## The European Commission's Green Deal Industrial Plan

The **European Commission** has unveiled its plan with the aim of reaching net-zero emissions and reducing the EU's dependence on imports. In [this openZDM article](#), we uncover key development technologies predicted by the Commission.

[Discover more](#)

### COMMUNITY UPDATES

In May, on a general assembly meeting of [PENELOPE project](#) held at [TECNALIA](#), our partners from [Laboratory for Manufacturing Systems & Automation \(LMS\)](#), [TECNALIA](#) and [AIMEN](#) discussed an important know-how which is now being integrated in [openZDM project](#).

At [openZDM](#), our main challenge is to promote the use of novel Non-Destructive Inspections systems (NDIs) for quality assessment integrated as Assets Administration Shells (AAS), all to ensure an open structure and compatibility at all platform levels, driving current implementations to accomplish not only the standards, but also the requirements for the industry.

### Manufacturing events on the openZDM radar

*You might be interested to learn more*

- 1 June: [Manufacturing Day](#) / Vienna, Austria
- 7-8 June: [Manufacturing & Engineering Week](#) / Birmingham, United Kingdom
- 20-22 June: [European Sustainable Energy Week](#) / Brussels, Belgium and online
- 26-29 June: [Lasers in Manufacturing](#) / Munich, Germany
- 27-29 September: [European Manufacturing Conference](#) / Brussels, Belgium
- 24-25 October: [Supply Chain Europe](#) / Brussels, Belgium
- 8-9 November: [The Greener Manufacturing Show](#) / Cologne, Germany




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