



Interview with the openZDM Project Coordinator



Nikos Nikolakis
openZDM Project Coordinator

“ openZDM aims to achieve sustainable manufacturing by introducing advanced Industry 4.0 technologies into the shopfloor. ”

It was our greatest pleasure to interview [Dr Nikos Nikolakis](#), openZDM Project Coordinator and to learn more on his standpoint about manufacturing trends and the role of the openZDM project in this innovative industry.

[Here is what we found out.](#) 💡

openZDM Video

Learn all about our innovative platform



The Manufacturing Partnership Day

Through the eyes of the openZDM team



The manufacturing industry is at the forefront of innovation and technological advancements, shaping the way products are designed, produced, and delivered to consumers. To gain insight into the latest trends, strategies and opportunities in manufacturing, we were eagerly looking forward to [The Manufacturing Partnership Day](#), where openZDM Coordinator talked about [openZDM's approach in pursuit of Zero-Defect Manufacturing](#).

Stay in the manufacturing loop

Read the most recent openZDM blog articles



The Role of Data Analytics Tools in zero defects manufacturing

The "data-driven" term is related to decision-making based on data analyses, which involves moving from a subjective interpretation to a more objective one based on the available data. In this article, learn more about the [Data Analytics Tools \(DATs\)](#), its benefits and contributions in the Zero Defect Manufacturing context.



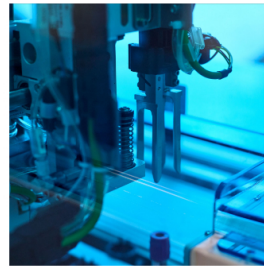
The role of Asset Administration Shell standard in zero defects manufacturing

The **Asset Administration Shell (AAS)** allows interoperability between the shop floor resources providing standardized information. Within this article, we discover [the concept behind AAS](#) within the openZDM project.



Deep Learning techniques for advanced image processing in manufacturing

Deep learning has emerged in the field of computer vision by revolutionizing the way we process and understand the images. [Inside this article](#), we provide a systematic overview of how will deep learning solutions be integrated within the openZDM platform.



openZDM is assessing 4 innovative technologies that will elevate the Manufacturing industry

Learn on how openZDM project aims to provide an open platform through the installation of a series of Non-Destructive Inspection (NDI) systems based on [4 innovative technologies](#): Visible (VIS) range, Infrared (IR) range, Laser line triangulation systems and X-ray diffraction.

[Discover more](#)

Manufacturing events on the openZDM radar

You might be interested to learn more

- 13 December: [International Conference on Sustainable Intelligent Manufacturing](#) / Amsterdam, Netherlands and online
- 25 January: [Robotics Day 2024](#) / Vienna, Austria
- 31 January: [Leading Lights 2024](#) / Södertälje, Sweden
- 25-28 March: [Global Industrie 2024](#) / Paris, France
- 22-26 April: [Hannover Messe](#) / Hannover, Germany
- 28-30 May: [SPS Italia](#) / Parma, Italy

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