

Newsletter

December 2022



DATA.ZERO



DAT4.Zero has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement No. **958363**

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We present an introduction video for the project



New infographics

Two new infographics highlight DAT4.Zero's importance for the manufacturing industry and people's lives



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Blog posts

Two new blog posts: How we will develop digitally-enhanced solutions to avoid defects in grinding processes and DAT4.Zero on the COALA podcast..



ZDManufuture & 4ZDM collaboration

DAT4.Zero is featured on a European collaboration platform



About DAT4.Zero

DAT4.ZERO (“Data 4.0”) is a project supported by the European Union. The project has 20 European partners who work to improve quality in European factories. Innovative technologies will gather and analyse data from manufacturing processes and give businesses greater control of what happens during production.

As a result, European companies will achieve greater competitiveness in global markets.



– Contact us if you want to eliminate manufacturing defects in high-value, low-volume production contexts.

Odd Myklebust
Project Coordinator, DAT4.Zero
Vice President Research, SINTEF



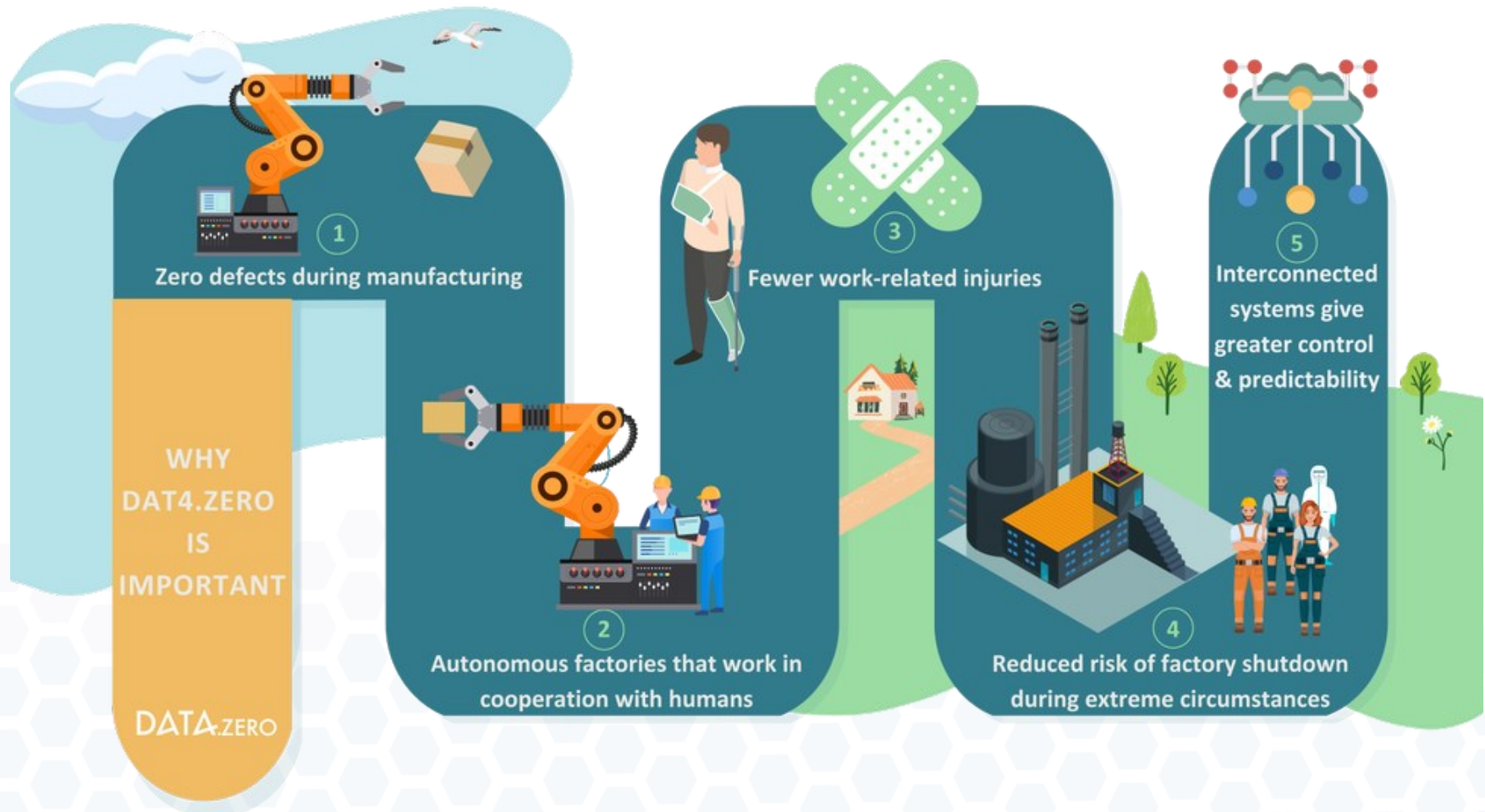
New video

We have created an introduction video for the project. You can [watch the video here](#). The video aims to present a historical backdrop, and how the project affect European manufacturing industries and people`s lives.



New infographic:

Why DAT4.Zero is important



New infographic:

How DAT4.Zero will affect your life



Events

The **European Manufacturing Conference 2022** was held in Brussels on the 27th and 28th of September. The conference brought together high-level policymakers, industrial sectors and key societal stakeholders for a cross-exchange of ideas on people, technology and innovation. There was a total of 48 speakers and 238 attendees discussing topics such as: Competitiveness, resilience, green and circular manufacturing amongst many others.



The [SEA4DQ 2022 workshop](#) was a successful event organized on the 17th of November 2022.

It was collocated with the ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC / FSE), in Singapore.

We had a great workshop in a nice atmosphere from 9:00-17:05.



Events

Data Governance webinar by ZDMP

On the 15th of September we participated together with InterQ and i4Q in the “Data Governance for Smart Manufacturing” webinar that was coordinated by ZDMP.

Several aspects were discussed such as legal aspects, data quality, data governance and tools to support Data Governance implementation.

[Watch the entire webinar here.](#)



In October we were finally able to hold our first face-to-face **general assembly** in Raufoss Industrial Park, at MTNC – Manufacturing Technology Norwegian Catapult Centre. We are proud to announce that the meeting was successful. To our partners, participants and hosts, the meeting wouldn't have been the same without you. Thank you for coming!

[You can see photos from our meeting here.](#)



Events

The debut of the **GrindingHub 2022** in Stuttgart was a resounding success and DAT4.Zero was a part of it. The four-day event (17-20 of may) welcomed more than 370 exhibitors showcasing their latest grinding technology innovations, products and solutions n almost 18,000 net square meters of exhibition space. The manufacturers from 23 countries exhibited numerous grinding-related innovations – everything from new tool concepts through to innovative processes, procedures, and interface technologies.



The following **UNOTT conference attendances** funded by the DAT4.Zero project this year were: "Verification of the approximate Beckmann-Kirchhoff model on a series of sinusoidal profiles", Esupen Special Interest Group: Structured and Freeform surfaces, 28 - 30 September 2022, Huddersfield, UK. "Quantifying the validity conditions of the Beckmann-Kirchhoff scattering model", SPIE, Optics and Photonics, 21-25 August 2022, San Diego, US. And "Virtual optical instrument to address topography fidelity", Metrology and the Properties of Surfaces, 28 - 30 June 2022, Glasgow, UK.



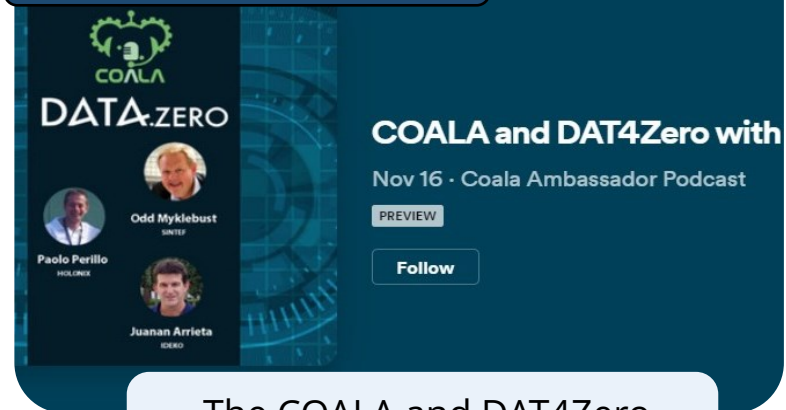
Blog posts

Read Article



How we will develop digitally-enhanced solutions to avoid defects in grinding processes

Listen to podcast



The COALA and DAT4Zero podcast with Odd Myklebust and Juanan Arrieta.

ZDManufuture collaboration

In 2022, DAT4.Zero was featured on the website ZDManufuture.org. ZDManufuture is an open EU platform for ZDM projects. The platform has a long-term vision to develop a ZDM culture and ecosystem in Europe. Together we will influence future R&D programmes.

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ZDM Manufuture

The European Home for
Zero Defect Manufacturing

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