

Material 3.3.1m

Case study n1

understanding changes to move toward the future¹

1. Below it is briefly reported the story of The India Dreusicke, a SME in Berlin that managed the world of work changes and introduced some changes to be competitive.

We absolutely depend on 3D-data. If we don't get them from the customer, we create them ourselves. The company India Dreusicke is active in the whole field of development and design of plastic components for the European and Asian market.

We start with a 3D data set, can do a mould flow analysis which is a simulation of melting of injection moulding. This is done virtually, before using steel.

If you go back 30 or 40 years, you built an oversized component by hand, not from a data set - which didn't exist. This was then transferred to steel that doesn't happen anymore today. You work on the basis of a 3D data set, which is automatically transferred.

This has to be very precise, because the components, if they are processed further, have to look very good optically.

With digitalisation for example, we have the advantage that we are no longer bound to a location.

I can monitor my production 24/7 and see if it works like we have imagined.

Since we are using a host computer, we have cut the set-up time in half.

You could also watch the video about the story of this company.

<https://www.youtube.com/watch?v=IB8YrI7UUuY&t=5s>

2. Do you know what is a digital enabler?

The Digital Enabler helps the company in another country to set up and initiate a project that will lead to its digitalization and respond to its necessities. The digital enabler starts with two weeks of desk work plus a visit of two weeks to the company's offices.

Have a look to this Eu project website to know more and watch the video to better understand what Digital Enablers do and do not.

¹ Descriptions at points 1 and 2 are reported on the website of the Pilot Project **DigitaliseSME**, co-financed by DG CONNECT of the European Commission, on proposal of the European Parliament. <https://digitalisesme.eu/>



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<https://www.youtube.com/watch?v=d6JaGBtENMI&t=420s>



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