

 Vienna,
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About us:

TU Wien Pilotfabrik is a learning, innovation and demonstration factory for smart production and cyber-physical production systems. Here, new concepts and solutions for the multi-variant series production in the discrete manufacturing industry are developed and tested. In the installed production chain, robot-assisted flexible production cells are combined with industrial robots. "Machine to Machine Communication" of these systems was realized in the pilot factory. At the same time, an assembly and logistics landscape was created in which the focus is on the human employee. The worker is assisted and supported in his work by the latest Industry 4.0 technologies such as various visual and digital assistance systems or collaborative robots.

Our role in EuProGigant:

On the one hand, the pilot factory is entrusted with the consortium management of the project on the Austrian side and thus with the project management as well as the communication with the funding agency and the project partners.

On the other hand, digitization is a central topic of the pilot factory and thus the infrastructure is available to make the results of the project accessible to a broad masses. This means that our demonstrators can also be used to explain and show EuProGigant.

We participate in these
thematic working groups:



CO2 footprint



Validation platform



Mobile processing machines



Component matching

Why EuProGigant is important to us:

Through this project, new interesting applications can be set up in the pilot factory and thus research results can be made clearly visible. This is where SMEs can build on this and be inspired to implement their own ideas. Since the digital transformation has high potential in many SMEs, we can make a contribution with EuProGigant to really advance the industry: With our demonstrators, we address SMEs – especially those that are not close to research – in order to support them in their digital transformation.