

 Lossburg,  
Germany 1923 3,500 WP5-8**Contact:**

Mr. Martin Hoyer

martin\_hoyer@arburg.com

www.arburg.com

**About us:**

ARBURG is one of the world's leading manufacturers of plastic processing machines. The product portfolio encompasses ALLROUNDER injection moulding machines, the freeformer for industrial additive manufacturing, plus robotic systems, individual turnkey solutions, and further peripheral equipment. ARBURG is a pioneer in the plastics industry when it comes to production efficiency, digitalisation and sustainability.

ARBURG has its own sales and service organisations at 34 locations in 25 different countries and, together with its trading partners, is present in more than 100 countries. Production takes place exclusively at the headquarter in Lossburg, Germany. Of a total of about 3,500 employees, about 2,900 work in Germany. The family-owned company achieved a consolidated turnover of 735 million euros in 2021.

**Our role in EuProGigant:**

Quantifying a CO2 footprint accurately in the product creation phase requires interaction between a wide range of players, e.g. between mould, material, simulation and machine. As a manufacturer of injection moulding machines, additive manufacturing machines and other peripherals, ARBURG is in a position to contribute essential data from different production processes to quantify a CO2 footprint during the product creation phase. Representative data relating to energy consumption for the project can be generated by energy measurements conducted on the various production processes.

We participate in these thematic working groups:



CO2 footprint



Validation platform



Mobile processing machines



Component matching

**Why EuProGigant is important to us:**

The exchange of high-quality data across so-called data value chains is now assuming an important role in many sectors. By virtue of its many years of consulting activity in the 'Predictability of the energy consumption of injection moulding machines', ARBURG is very aware indeed of the requirements governing the quality of data and the importance of good availability of that data. For that reason, right at the start of each project, component designers should have data on the subsequent environmental impact of the product they are developing. The aim of Gaia-X and EuProGigant, is to simplify the exchange of representative data for all players in the future and to be able to evaluate resultant products right at their earliest stage - also in relation to their environmental impact.