



[Pro]^M

MECHATRONICS
PROTOTYPING
FACILITY



To know more about this initiative, please

visit:

<https://polomeccatronica.it/en/what-we-offer/laboratory-prom>

contact: *info@polomeccatronica.it*

The **ProM Facility** (Prototyping Mechatronics) is a prototyping facility created as a result of the collaboration between Trentino Sviluppo, Fondazione Bruno Kessler - FBK and University of Trento, con funded by the Autonomous Province of Trento, and the ERDF. It targets businesses in the mechatronic industry and students and researchers in this field. It offers a platform for designing, developing, implementing and testing systems and processes but also specialized training both for business employees and students.

The facility, whose aim is to foster the development of the Industry 4.0, offers a wide range of AM machineries and services such as an integrated machine tool that works as an additive manufacturing system, a machine for combined laser cutting of tubes and sheets of different materials and 3D machineries such as printers, scanners and electrolathe.

Lessons learned and hints for implementation:

- It is crucial to involve industry representative associations (e.g., Confindustria Trento) during the planning, in deciding which assets (machinery) and services to activate;
- to run an open facility within a multi stakeholder partnership (public development authority, research centre, university) requires very good institutional relationships in the ecosystem;
- legal regulations with regards to these facilities (e.g., state aid to companies) are lacking and this may be a caveat for operations.