

IRIS



> Other / Services

Textile processes (finishing, dyeing)

> Other key sectors

Agrifood, Cleantech & Green Building, Mechatronics



> More about IRIS

IRIS is a company born in 2012 and located in Italy, in the industrial area of Turin. Consisting of twelve employees and supported by several external collaborations, IRIS owns a strong background in industrial laser, additive manufacturing and plasma technology applications, adding value in process optimization/qualification in order to guarantee best affordable product performances (dimensional, structural reliability, etc.).

IRIS is involved in a European and regional network of companies, maintaining an active portfolio of investments in technological innovation.

The networks activities aim at sharing of research and development efforts such as industrial resources and capacity (cutting, welding, machining, prototyping) to increase the competitiveness of the local industrial system. IRIS facilities include a 400 m2 lab for experimental testing of laser and plasma processing.

IRIS



IRIS maintains partnerships with a group of local manufacturing SMEs specialized in laser and plasma cutting, CNC machining, bending and welding technologies, capable of building prototypes (e.g. novel equipment components, technological demonstrators) and testing new processes and equipment in an industrial environment.

IRIS is also part of different running European funded projects, related to additive manufacturing and laser technologies, with extended partnerships with larger companies such as Avio Aero, Prima Industrie and SUPSI.

Main fields of activity are:

- development of environmental applications of plasma technology (2 patent applications pending approval);
- design of industrial applications of laser technology with a strong focus on metal additive manufacturing;
- support for innovation and technology transfer to SMEs.

Thanks to the experience in bidirectional technology transfer (from R&D centers global network to IRIS and from IRIS to local SMEs network), IRIS has often been involved as exploitation leader bringing a faithful and realistic industrial perspective in addressing technical project choices to the team.

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Spoken Languages English, Italian, Spanish

