



EPoSS
European Association on
Smart Systems Integration



mesap

SITE VISITS

7 October 2022



CIM4.0

www.cim40.com/linee-pilota

7 October 2022
Site Visits

A visit to explore the **CIM4.0 pilot lines**, ideal spaces where technological innovation serves the national ecosystem. A journey through **artificial intelligence, virtual and augmented reality, collaborative robotics and other 4.0 enabling technologies**. Pilot Lines are manufacturing demonstration lines where processes and products can be tested before bringing innovations to the market and represent a structure that can simplify and make the approach to new markets by companies more competitive.

Digital Factory Pilot Line



It is the place where companies can explore digital technologies that can increase production efficiency and business competitiveness.

Additive Manufacturing Pilot Line



A state-of-the-art centre dedicated to the industrialisation of metal additive manufacturing.

+ CIM4.0

PRIMA ELECTRO

7 October 2022
Site Visits

www.primaelectro.com

Prima Electronics, today **PRIMA ELECTRO** was founded in 1978, is one of the three divisions of **Prima Industrie S.p.A.** Leading group in the development, production and marketing of **laser systems for industrial applications and machines** for sheet metal working; with activities also dedicated to **industrial electronics and laser sources**.



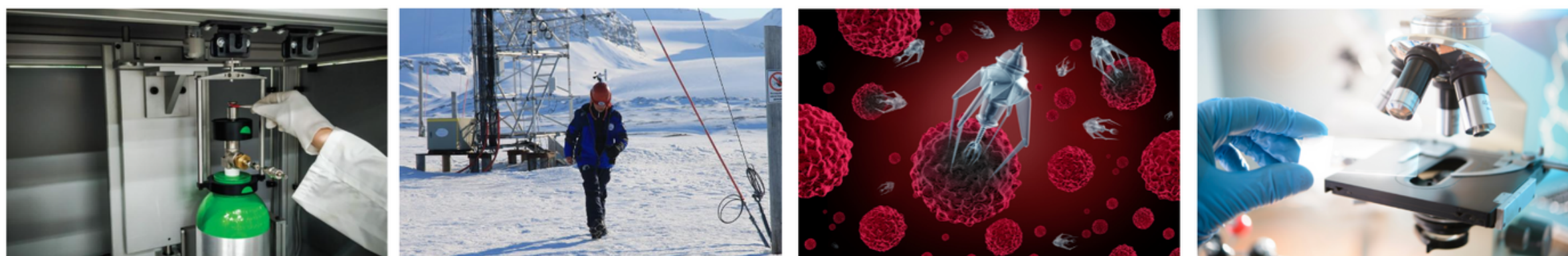
The Group boasts 40 years of experience, with over 1,800 employees with production plants in **Europe, Asia and America** and over 13,000 machines installed in more than 80 countries, is among the **world's leading manufacturers** in its reference market and is listed on the stock exchange. Italian since 1999. The company achieved a turnover of almost 430 million euros in 2019.

Prima Electro designs, manufactures and markets dedicated industrial electronics, called **DOTS (Dedicated Off-The-Shelf)®** also operates in the field of **high-power laser sources** and has three factories in Italy and two abroad (USA and China). The three Italian factories are all located in the province of Turin: Moncalieri, Turin, and Barone Canavese.

INRIM, Italy's National Metrology Institute (NMI), is a public research centre established by Legislative Decree no. 38 of 21 January 2004.

INRiM carries out and promotes **metrology research**, and develops the most advanced standards and measurement methods and related technologies, through which it performs the functions of **Primary Metrological Institute** pursuant to Law no. 273 of 11 August 1991.

To this end, as a signatory of the international agreements on metrology, INRiM realizes, maintains, and develops the national reference standards of the **measurement units of the International System (SI)**, consisting of **seven base units - meter, kilogram, second, ampere, kelvin, mole, and candela - and derived units**.



INRiM also enhances, disseminates and transfers knowledge and results in the science of measurements and research on materials in order to promote national technological development and improve the quality of life and services for citizens.

The Institute promotes education and training for young scientists organizing PhD courses and financing scholarships and research grants.

To meet the needs of industry, INRiM has a dedicated department working in close contact with the world of production and providing consultancy, calibration, and testing services.