

## **Italeaf: Softeco, digital company of TerniEnergia Group, in the Zero Defects Manufacturing Platform (ZDMP) project for industry 4.0**

- **The project's activities have started, with a total investment of 19 million euros supported by 30 partners (companies, universities and research centres) and by the European Commission for a period of 48 months.**
- **Softeco participates in the Consortium as a technology supplier and obtained EC financing of Euro 0.45 million**
- **The project aims to develop a digital platform aimed at excellence in manufacturing through Zero Defects products and production processes.**
- **ZDMP will be validated through industrial demonstrators in the Automotive, Industrial Machinery, Electronics and Construction areas**

**TerniEnergia**, a smart company listed on the Italian Stock Exchange's electronic share market (MTA) and part of the Italeaf Group, **Softeco Sismat Srl**, the Group's digital company, and **Zero Defect Manufacturing Platform project** announce the launch of the activities of the ZDMP Project, thanks to an investment of Euro 19 million provided by the 30 sponsoring companies and the European Commission. Its mission is to develop and establish a digital platform and related Apps for achieving excellence in manufacturing through zero defect processes and products. The aim of the project is to develop and establish a digital platform aimed at excellence in manufacturing through Zero Defect products and production processes for Industry 4.0.

**Softeco Sismat** participates in the ZDMP project as a provider of technological solutions, which will lead to the grant from the European Commission of Euro 0.45 million. The project is coordinated by Research Center UNINOVA and conceived and managed by SME Information Catalyst (ICE). Other leading partners include: Ford, Continental, Software AG, Mondragon Assembly, HSD, FIDIA, Formplast, Consugal, PT Mills, Flexeflina, CEI, AlfaTest, Ceteck, Video Systems, Ascora, Profactor, Etxe-Tar, Ikerlan, ITI, and Rooter. These are assisted by the Polytechnic University of Valencia, Tampere University, and Southampton University as well as the German Standards Organisation DIN. ZDMP project is oriented by the substantial transformation termed Industry 4.0 and enabled through the proliferation of new digital solutions applied across the production process chain. As the phone propelled to the smart phone, ZDMP will propel the factory to the Smart Factory and to the Smart Zero Defect factory.

**Stuart Campbell**, CEO of Information Catalyst and Manager of ZDMP stated:

*“ZDMP will ensure that European industry remains competitive and keeps its leading manufacturing position by producing high quality products at a low cost in the most efficient way”.*

ZDMP will validate itself in industrial demonstrators including Automotive, Machine Tools, Electronics, and Construction. These will show how enhanced cooperation between companies can avoid and reduce product and process defects along various supply chains. The sponsoring organisations will also

release 3.2M€ during its course to additional partners, users and technology companies, to further enhance both the platform features and trigger the adoption of the platform on the market.

The ZDMP Project combines state of the art technological approaches based on commercial grade standard or open-source software with an open development approach and App store. It will focus on both process and product quality modules for pre-production, production, and post-production quality issues to ensure manufactures are enabled for zero defects.

#### **About ZDMP**

The Zero Defect Manufacturing Platform project (ZDMP) was launched in Q1 2019 for 48 months with an investment of 19M€ provided by the 30 sponsoring companies and the European Commission. Partner companies and other information can be found at [www.zdmp.eu](http://www.zdmp.eu). ZDMP is a Research and Innovation activity that emerged in response to a European Commission H2020 call on Industry 4.0 and Factories of the Future under grant agreement 825631. It is a Digital Manufacturing Platform to facilitate zero defect manufacturing in connected smart factories, including SMEs, and its aim is to further Europe's position in the manufacture of high-quality products.

**TERNIENERGIA (TER. MI)**, established in September 2005 and part of the Italeaf Group, is the first Italian global technological enabler, committed to bringing energy solutions and efficient recovery of integrated and sustainable resources to the world. Organized into two strategic business lines (Assets and Smart solutions and services), with about 300 employees and a geographical presence worldwide, with operative and commercial offices, TerniEnergia develops innovative solutions, products and services based on digital and industrial technologies for the energy supply chain, grids, smart mobility, industrial automation and the recovery of marginal resources.

TerniEnergia, also through its subsidiaries (Softeco Sismat, Greenled Industry, GreenAsm, GreenAsm, Purify, Wisave, Ant Energy), pursues the objectives of increasing energy production from renewable sources, saving energy and reducing emissions and actively participates in the energy revolution of distributed power generation and smart grids, with innovative digital solutions. TerniEnergia is the ideal partner for large utilities, distribution operators and network operators, energy producers, public administrations, industrial customers and investors who intend to realize large projects for the production of renewable energy, modern systems and plants with high energy efficiency, solutions for the management and maintenance of infrastructure and electrical installations.

TerniEnergia has completed its transformation from a leader in the international photovoltaic market into a smart energy company and technological enabler for the sustainable use of resources through a complete commercial offer of solutions, the development and supply of digital technologies and the creation of "intelligent" services and solutions aimed at public and private customers in emerging sectors.

TerniEnergia is listed on the MTA of Borsa Italiana.

*This press release is also available on the Company website: [www.italeaf.com](http://www.italeaf.com)*

*Italeaf SpA is obliged to make public this information pursuant to the EU Market Abuse Regulation. The information was submitted for publication, through the agency of the contact person set out below, at 14.00 CET on 18 April 2019.*

#### **Certified Adviser**

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**Italeaf SpA**, established in December 2010, is a holding company and a business accelerator for companies and startups in the areas of innovation and cleantech. Italeaf operates as a company builder, promoting the creation and development of industrial startups in the fields of cleantech, smart energy and technological innovation. Italeaf has headquarters and plants in Italy at Nera Montoro (Narni), Terni, and at Milano.

The company controls the smart energy company TerniEnergia, listed on the MTA of the Italian Stock Exchange, Skyrobotic, active in the business development and manufacture of civil and commercial drones in mini and micro

classes for the professional market, Numanova, operating in the field of innovative metallurgy and additive manufacturing, and Italeaf RE, a real estate company. Italeaf holds, among others, a minority stake in Vitruviano LAB, a research center active in the R&D sector for special materials, green chemistry, digital transformation and cleantech.