

## **Italeaf: the subsidiary algoWatt put into operation the Purify groundwater remediation and industrial liquid waste treatment plant**

- **The new environmental asset put into service in Umbria, in the eco-industrial park of Nera Montoro (TR) and is authorized to treat 438,000 cubic meters per year of groundwater and 58,000 tons per year of liquid waste.**
- **Plant owned by Purify Srl, a JV between algoWatt and ATP Project & Constructions, Total investment of approximately Euro 9 million**

**Italeaf** SpA, holding company and first Italian company builder active in the cleantech and smart innovation sectors, listed on the NASDAQ First North Growth Market of the Stockholm Stock Exchange, announces that the subsidiary **algoWatt**, GreenTech Solutions company listed on Borsa Italiana's electronic stock exchange (MTA) announces that, today has put into operation the plant Purify, a JV between algoWatt and ATP Project and Constructions Srl, owner of industrial fluid waste treatment and groundwater remediation plants in Nera Montoro (TR), Umbria.

The start-up of the platform, which involved a total investment of approximately Euro 9 million, confirms the goal of algoWatt aimed at enhancing the asset management of marginal resource recovery plants, also through the consolidation of partnerships with leading Italian and international investors in the green and circular economy sector, as envisaged in the Group's Recovery and Relaunch Plan.

**AlgoWatt's Chairman and CEO, Stefano Neri**, said:

*"We put into operation an innovative plant, projected and started before the merger between TerniEnergia and Softeco, which originated algoWatt, in line with the industrial targets we had set ourselves. The commissioning of the plant completes the equipment of the green industry factory in Nera Montoro (TR) Umbria, which represents an integrated platform (liquid waste, biodigestion and composting of FORSU, treatment of end-of-life tyres) with economic-financial and strategic value. It is, in fact, an industrial area dedicated to the environmental industry, barycentric with respect to the Italian market for the recovery of resources and characterized by a strong appeal for players specializing in green and circular economy".*

The **Executive Director of ATP Srl, Pierluigi Ruopoli**, said:

*"Our partnership in the construction and subsequent management phase of a complex and articulated plant such as that of Nera Montoro, represents an important opportunity, especially in the field of enhancement and refinement of our skills. The relationship with algoWatt will allow us to introduce very relevant digital and technological innovations in plant management and to offer to the liquid waste treatment market a platform focused on environmental sustainability and operational efficiency".*

### **The Purify plant**

The new plant platform, authorized by the Umbria Region, integrates two different treatment lines:

- 1) **Groundwater remediation (TAF)**. Purify manages the groundwater treatment, in compliance with the regional requirements of the remediation project of the Nera Montoro site, in the province of Terni, for a total capacity of 438,000 cubic meters per year. The revamping involved the chemical-physical and biological plants, a complex system consisting of 48 wells for the drainage of treated water and a monitoring system consisting of 95 piezometers placed to control the water table of

the Nera Montoro industrial site, for a total treatment of 50m<sup>3</sup>/h.

- 2) **Treatment of industrial liquid waste (TRL)**. This is the new section dedicated to the treatment of liquid waste with a capacity of 58,000 t/year that includes two process lines: (a) biological treatment with activated sludge for the removal of nitrites, nitrates and ammoniacal nitrogen; and (b) chemical-physical treatment by flotation or evaporation, with two three-stage vacuum evaporators (2,500 litres/hour each) for the purification of water with the highest concentration of pollutants.

### **The competitive environment**

The Purify plant platform operates in an area with high demand for the treatment of industrial liquid waste. Addressing a supra-regional context, it can provide the ideal answer for those companies that place the enhancement and correct treatment of environmental resources as a target of their activities. As regards Umbria alone - a region where no similar treatment plant exists - an analysis of the companies' MUDs shows that demand for liquid waste treatment exceeds twice the authorised capacity of Purify. The plants operating in the neighbouring regions of Lazio, Tuscany, Marche and Abruzzo are not equipped with all the process lines of the Purify platform. The catchment area, also in consideration of the proximity of the highway exit, can extend up to a distance of 300-400 km, especially towards the south, filling a substantial plant gap in this sector of central-southern Italy.

The revamping of the TAF plant, on the other hand, makes it possible to adjust the regulations for the reclamation of groundwater, making a significant contribution to the safety of a historic industrial area in Central Italy, previously owned by the Eni Group.

### **Inauguration with web conference**

The plant will be inaugurated today with a **web conference scheduled at 11 am CET** entitled: "**Circular Economy and Reclamation: an opportunity for growth in the context of the Green New Deal**", with the participation, among others, of the **Undersecretary for the Environment, Roberto Morassut**. To participate: [https://us02web.zoom.us/webinar/register/WN\\_Zzw5W\\_eYR6qE-4axWd9qQQ](https://us02web.zoom.us/webinar/register/WN_Zzw5W_eYR6qE-4axWd9qQQ)

*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 6.30 CET on 19 June 2020.*

### **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.*