

Paris, Tuesday 7th May 2024

EcoTitanium again chooses solutions from the SECO/WARWICK Group to develop its capacities

EcoTitanium has again chosen SECO/WARWICK Group as a supplier in order to further develop its productions capacities with a new Vacuum Arc Remelting (VAR) furnace.

EcoTitanium, an European company specialized in melting Titanium alloys for critical applications, opened in Saint-Georges-du-Mont (Puy-de-Dôme, France) in 2017. It was the first melter in Europe to choose a plasma cold hearth furnace (PAMCHR) to manufacture Titanium ingots using recycled Titanium reverts, mainly coming from the Aerospace supply chain.

The SECO/WARWICK Group has been its main supplier from the beginning, both delivering PAMCHR (through its Retech Systems brand) and remelting technology (VAR furnace used for further refining of titanium ingots).

The PAMCHR technology uses plasma torches in order to melt titanium scraps in an inert gas atmosphere. It allows to enhance the recycling process to unprecedented levels : EcoTitanium ingots can integrate up to 80 % recycled materials.

The chose of the PAMCHR cutting-edge technology has been essential for EcoTitanium to complete its mission, which is to create an autonomous and responsible European Titanium channel, recycling allowing to divide by up to four CO₂ emissions of Titanium melting activity.

The acquisition of a new VAR furnace is consistent with the very significant increase in demand for Titanium, especially from the Aerospace industry.

Choosing again SECO/WARWICK Group will help the integration of this new furnace to the existing industrial set up, leveraging the experience gained by both partners since seven years.

"The delivery of this new VAR furnace will help us to secure our customers growing Titanium needs. We are pleased to open this new chapter of EcoTitanium history with our long-term partner SECO/WARWICK. SECO/WARWICK has indeed offered us best-in-class solutions in the field of vacuum metallurgy technology, both with its PAMCHR from its Retech brand and its VAR furnaces" – says **Jean-François Juéry, President of EcoTitanium.**

"The current contract is a continuation of a solid partnership. EcoTitanium's solution offers a European, ecological, and innovative solutions for the Aerospace industry and we are proud to be part of it." said **Earl Good, Managing Director of RETECH.**

"The partnership with EcoTitanium is strategic. We are glad that Retech and SECO/WARWICK brand's solutions constitute the core of its machine park" adds **Sławomir Tomaszewski, Director of the Vacuum Melting Furnaces Team in the SECO/WARWICK.**

ECOTITANIUM

EcoTitanium, an European company specialized in melting Titanium alloys for critical applications is owned by Aubert & Duval through its subsidiary company UKAD, ADEME and Crédit Agricole Centre France.

AUBERT & DUVAL

Aubert & Duval is one of the world's leading producers and processors of complex metallic materials (special steels, superalloys, titanium, aluminum), serving strategic industries such as aeronautics, space, defense, nuclear power, energy or medical. Aubert & Duval provides its customers with a comprehensive production chain ranging from materials design to forged blank parts, enabling them to secure their supply chain and meet their decarbonation challenges. Aubert & Duval is owned in equal parts by Airbus, Safran and the Tikehau Capital fund, one golden share being owned by the French State.

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PRESS

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SECO/WARWICK Group

A specialist in titanium processing

Titanium, a transition metal with unique properties, is valued for its strength-to-weight ratio. It has comparable durability to steel but is 50% lighter, making it an attractive choice for industries looking for strength without additional weight.

The Aerospace industry consumes over 30% of global demand, and the chemical sector another 40%. Additionally, titanium has found use in medicine, especially in joint replacement procedures and dental implants, and electronics. For all these industries, top-class equipment is provided by the SECO/WARWICK Group - a specialist in titanium melting.

SECO/WARWICK: Invention Meets Reliability

SECO/WARWICK is a technological leader in innovative solutions for metal heat treatment. The company's specialization includes end-to-end solutions for 5 categories: heat treatment in vacuum, aluminum and atmospheres, as well as heat exchangers brazing and vacuum metallurgy.

SECO/WARWICK Group has 8 companies located on three continents with customers in nearly 70 countries. The Group provides standard or customized state-of-the-art heat processing equipment and technologies to leading companies in the following industries: automotive, aerospace, electronics, tooling, medical, recycling, energy including nuclear, wind, oil, gas, and solar and production of steel, titanium and aluminum.

About ADEME

Here at ADEME - The French Agency for Ecological Transition - we are firmly committed to fighting global warming and the depletion of our natural resources. On all fronts, we mobilise citizens, economic actors and territories towards a fairer, more harmonious, low carbon and resource-efficient society. Whatever the field - energy, circular economy, food, mobility, air quality, adaptation to climate change, soils, etc. - we advise, facilitate and help finance many projects, from research to solutions sharing. At every level, our expertise and forecasting capacities serve to guide and inform public policies.

ADEME is a public agency under the joint authority of the Ministry for an Ecological Transition and Territorial Cohesion, the Ministry for Higher Education and Research and the Minister Delegate for Industry and Energy.

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Ecotitanium is a participation of ADEME managed for Programme d'Investissements d'Avenir (PIA), now integrated into France 2030.

About France 2030:

The France 2030 investment plan:

* **Sets out a twofold ambition:** sustainably transforming key sectors of our economy (energy, automotive, aeronautics and space) through technological innovation, and positioning France not only as a player but as a leader in the world of tomorrow. From basic research to the emergence of an idea and the creation of a new product or service, France 2030 supports the entire life cycle of innovation right up to industrialization.

* **France 2030 is unprecedented in its scale:** EUR54 billion is being invested so that our businesses, our schools, our universities and our research organizations fully succeed with their transitions in these strategic sectors. The challenge is to enable them to respond in a competitive way to the world's future ecological

AUBERT & DUVAL, a simplified joint stock company, whose registered office is located at 12 rue D'Oradour sur Glane, 92130 Issy les Moulineaux, is listed in the Nanterre Trade and Companies Register under number 380 342 808

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and attractiveness challenges, and to showcase the future champions of our sectors of excellence. France 2030 is defined by two overarching objectives, which will see 50% of expenses given over to the decarbonization of the economy, and 50% to emerging key players, those at the forefront of innovation, without neglecting the environment (in the sense of the "Do No Significant Harm" principle).

*** France 2030 is being implemented collectively:** designed and deployed in consultation with economic, academic, local and European key players to establish strategic guidelines and decisive action. Project holders are invited to submit their entries via the current application process, which is a demanding and selective one, to benefit from state support.

*** France 2030 is being led by the French General Secretariat for Investment**, in charge of France 2030, on behalf of the Prime Minister, and in partnership with the relevant government ministries. France 2030 is being implemented by the French National Research Agency (ANR), the French Agency for Ecological Transition (ADEME), Bpifrance and the Caisse des Dépôts et consignation (CDC).

Find out more: www.gouvernement.fr/secretariat-general-pour-l-investissement-sgpi

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With its 2,400 employees and 230 branches, Crédit Agricole Centre France is a responsible bank at the service of its 900,000 customers. Present in the Allier, Cantal, Corrèze, Creuse and Puy-de-Dôme regions, it is committed to initiatives that promote local development on a daily basis. Crédit Agricole Centre France has been involved in private equity for over 20 years, supporting more than 50 companies in their development, transfer, energy transition or external growth projects via the CACF Développement investment fund. Strongly committed to supporting innovation, via its dedicated CACF Capital innovation fund, it also works alongside young companies through its accelerator, the Village by CACF.

Find out more: www.credit-agricole.fr/ca-centrefrance

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