

PRESS RELEASE  
Granville/Cérences, France, 11th of January, 2022

## **IDEX supports LIS by Lesaffre in increasing the share of renewable energy in the energy mix of its drying plant, based in Cérences, France**

### **Complementary partners**

**LIS by Lesaffre**, a drying specialist and subsidiary of Lesaffre, is committed to reducing the carbon emissions of industrial production with the help of **Idex**, a specialist in energy and environmental services. This partnership of expertise aims to control steam production costs and reduce the site's dependence on fossil fuels.

**Idex** is responsible for the entire supply of carbon-free steam and guarantees a local supply of biomass from its agency in Granville. The **Idex** Group will design, build, invest in and operate/maintain the steam plant **for 15 years**.

### **Reduce CO2 emissions by 85%**

The decarbonization of the drying process will allow LIS's many customers to be offered a wide range of 85% decarbonized drying technologies. The new wood/gas boiler plant will produce over 110,000 tons of steam per year. The construction of the biomass boiler house will create direct jobs (2 full time equivalents) and indirect jobs mainly related to the supply of wood and for mechanical maintenance.

The wood requirements, which are estimated at nearly five 90 m<sup>3</sup> semi-trailers per day, will be met mainly by forestry chips and supplemented, up to 30%, by end-of-life packaging wood.

### **Construction of a 37 t/h biomass/gas heating plant**

To meet the plant's steam requirements, which average around 13 t/h, Idex will install a biomass boiler. As the plant's process does not tolerate any faults or interruptions in supply, Idex has designed a boiler room that also includes 2 gas boilers to back up the biomass boiler. The overall installed capacity of the boiler room will therefore be 37 t/h.

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### Key figures:

- **Start of works: 2022, for the new boiler to be operational in September 2023**
- **77 000 MWh / 110 000 t of steam produced annually**
- **Renewable energy rate: 85 %**
- **CO2 avoided: 13,500 tons / year**
- **34% subsidy from ADEME within the framework of France Relance**

The long-term investment project benefits from the ADEME support fund within the framework of France Relance and the BCIAT programme (Biomass Heat Industry Agriculture and Tertiary) up to 34% of the overall investment.

**François Cachot, LIS general manager** adds : *“In its ambitious approach to decarbonizing its drying activities, LIS France is very pleased to see this important renewable energy project become concrete. We believe that reducing our exposure to fossil fuels and drastically reducing the CO2 emissions that accompany them is crucial to the sustainability of our drying activities. We are particularly excited to start this long-term partnership with IDEX, who will be able to provide us with their know-how and expertise.”*

**Benjamin Fremaux, President of IDEX**, says : *“We are particularly proud to support an industrial company like LIS in its energy transition. When French companies set an example by choosing alternative and efficient energies, the effects are positive in the long term and for all of us.”*

Readers information :

[www.idex.fr](http://www.idex.fr)



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### **About IDEX :**

Founded in France in 1963, IDEX is now present through 100 agencies in mainland France and French overseas departments and territories, and has 4,900 engineers and specialized technicians. The company specializes in energy and environmental services and helps its customers to optimize their energy model, from energy production to consumption control. As a partner of industrial companies, IDEX offers solutions that are part of their sustainable development approach. IDEX ensures the sustainable management of public and private buildings. Able to exploit all the energies of the territory (biomass, geothermal energy, recovered energy, etc.), IDEX provides long-term support to local authorities in their energy infrastructure projects.

**IDEX has been involved in the decarbonisation of territories for 60 years.**

### **About LIS by Lesaffre :**

With two production sites in Europe (France and Poland) and over 50 years of experience in spray drying on several hundred different products, LIS is a key supplier of spray drying services to ingredient producers. LIS also provides its markets with several soft drying technologies (continuous vacuum, EPTTM), proven encapsulation know-how and extensive possibilities for custom blending and packaging services. Finally, with its Powder Studio® in Rennes (France), LIS offers co-development services to assist its clients in the initial stages of developing a drying process: choice of technology, choice of medium or active protection agent, characterization of powders according to their applications, etc.

**LIS France is therefore a major player in the economic fabric of South-Manche, France.**

<http://www.lesaffre-ingredients-services.com/>

### **About LESAFFRE :**

A key global player in fermentation for more than a century, Lesaffre, with a 2,2 billion euros turnover, and established on all continents, counts 11 000 employees and more than 85 nationalities. On the strength of this experience and diversity, we work with customers, partners and researchers to find ever more relevant answers to the needs of food, health, naturalness and respect for our environment. Thus, every day, we explore and reveal the infinite potential of microorganisms.

To nourish 9 billion people, in a healthy way, in 2050 by making the most of our planet's resources is a major and unprecedented issue. We believe that fermentation is one of the most promising answers to this challenge.

**Lesaffre – Working together to better nourish and protect the planet**

More information on [www.lesaffre.com](http://www.lesaffre.com)

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