

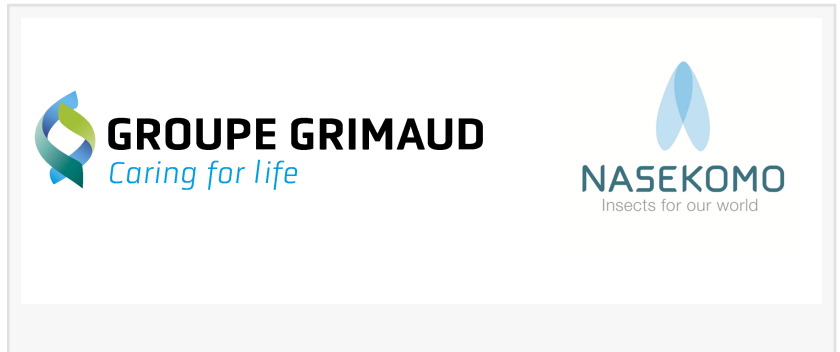
Circular agriculture: “Fly Genetics”, a new European player at the heart of insect production

French Groupe Grimaud and Bulgarian start-up Nasekomo announce a joint venture to build a European champion for the supply of improved black soldier flies.

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/EINPresswire.com/ -- French Groupe Grimaud and Bulgarian Start-up

Nasekomo announce the launch of a joint venture to build a European champion to supply the insect-based bioconversion industry with improved black soldier flies.



What is the insect-based bioconversion industry?

The insect-based bioconversion industry aims to transform the agri-food sector into a more sustainable circular economic model by recycling agricultural waste streams into high value-added proteins.

Thanks to the involvement of insects, bioconversion is simple. Many industries produce large amounts of organic by-products that are difficult to recycle, including leftovers from breweries, cereal processing industries, and fruit and vegetable cuttings. These biomasses are fed to black soldier fly larvae, which convert organic nutrients into their own body mass. At maturity, they are harvested and processed into protein that can be included as an ingredient in feed for fish, pets, chickens, and other animals.

Circularity in agriculture brings two major benefits. It allows for recycling and recovery of by-products and decreases the environmental impact of animal production (especially aquaculture) through a more sustainable and efficient input.

Recent studies show that diets including insect-based products produce more robust animals, potentially reducing the need for antibiotics in animal feed.

What are the objectives of Fly Genetics?

Fly Genetics will provide the insect sector with enhanced black soldier flies in order to optimize the conversion of by-products into alternative proteins and other insect-derived products.

Fly Genetics is born from the alliance of a start-up specializing in insect production with experts in genetic selection of animals for efficient protein production.

Uniquely positioned within the circular agriculture revolution, Nasekomo provides clients with insect-based industrial bioconversion solutions that allow for by-product upcycling and processing into alternative proteins and a range of insect-based products.

Looking to innovate further and improve its bioconversion solutions, Nasekomo approached Groupe Grimaud, a group with more than 50 years of experience in animal genetics. The alliance will work together on new black soldier fly strains to increase insect bioconversion efficiency.

Frédéric Grimaud (CEO of the eponymous group) states: “We are happy to apply all of our know-how to a natural diversification of our activities while continuing to support traditional animal sectors through investments focused on sustainability and animal welfare such as sexing duck eggs, or more recently, the inauguration of a new French hatchery with the latest standards in laying hens. For us this means striking the right balance between our flagship activities and the newly emerging ones.”

Marc-Bolard, Nasekomo co-founder, adds: “With this partnership, Nasekomo will nurture its unique position within this new insect industry. This joint venture will naturally enhance our animal population and thus strengthen the economic and environmental impact of insect-based bioconversion: a larger range of by-products will be converted into valuable products with better biological efficiency for increased economic returns. With the support of our proprietary technologies and services, our clients will benefit from tailored, sustainable, and competitive solutions to lead the circular agriculture revolution.”

The new “Fly Genetics” company plans to market its high-performance black soldier flies from the second half of 2021.

About Groupe Grimaud:

Groupe Grimaud is one of the world leaders in multi-species animal genetics, bio-pharmacy and Novel Farming. It has operations in more than 100 countries, generates € 320 M in turnover and employs over 1,800 people worldwide.

The group is mainly family-owned with a head office in Sèvremoine-France (49).

For more information: www.grimaud.com

About Nasekomo:

Nasekomo is a biotech firm that produces alternative insect-based products for animal feed and

soil fertilisation. By feeding local agricultural by-products to insects, it contributes to the creation of an environmentally positive local loop. Its robotized insect rearing technology (patent pending) and its genetic selection program enable the company to produce premium insect protein at an industrial scale and a competitive price for the European market. Following its inception, the company obtained € 5 M in funding for the development of its technologies. For more information: www.nasekomo.life

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