



Flagship demonstration of industrial scale production of nutrient Resources from Mealworms to develop a bioeconomY New Generation

Despite the COVID-19 pandemic, the construction of Ÿnfarm, the largest fully automated flagship industrial vertical farm to produce premium proteins from *Tenebrio Molitor* insect for pet & fish feed, successfully started in March 2020.

FARMYNG celebrates its 2nd anniversary

The ground-breaking day in early May 2021 was held in Poulainville, near Amiens (Northern France); major political players attended the ceremony, such as:

- **Barbara Pompili**, French Minister for Ecological Transition: *"Producing 1kg of insect protein requires 98% less land than any other agricultural production"*;
- **Julien Denormandie**, French Minister for Agriculture and Food: *"The way to regain our protein sovereignty"*;
- **Cédric O**, French Secretary of State for Digital Transition and Electronic Communications: *"A major sustainable project"*;
- **Xavier Bertrand**, President of Hauts-de-France Region: *"The proof that we can combine economy and ecology without degrowth"*.



By 2022, the 45,000 m² carbon-negative vertical farm will produce 100,000 tonnes of protein; it is expected to reach a production capacity of 200,000 tonnes of ingredients per year by 2023. Yñfarm will also be most technological vertical farm in the world, with 300 patents powering it (representing 50% of patents in the industry worldwide) and 1 billion data points collected every day.

About FARMYNG project

The project aims at the construction of a large-scale, first-of-its-kind bio-based value chain producing sustainable, safe and feed products from Tenebrio Molitor insect (mealworm) protein in Northern France. The project gathers 19 partners in Europe and across the whole value chain.

The Bio-based Industries Joint Undertaking (BBI JU) co-finance the initiative up to €19 million. The application was submitted in response to the 2018 call for proposals' topic BBI.2018.SO3.F2 on 'Large-scale production of proteins for food and feed applications from alternative, sustainable sources'.



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Union's Horizon 2020 research and innovation programme and the Bio Based Industries Consortium.

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