

## Technology Pioneer

FOR EXTERNAL USE

### Protix Technology Pioneer of the World Economic Forum

Insect technology and product leader Protix from the Netherlands has been selected as one of the Technology Pioneers 2015 of the World Economic Forum. Every year, after an extensive evaluation, the World Economic Forum selects young fast growing companies from around the world that are involved in the design, development and deployment of new technologies, and that are expected to have a significant impact on business, society and ecology.

The Technologies of Protix enables recovery of proteins and production of high-quality insect based proteins and nutrients that can be used in feed, food and farma. As a Technology Pioneer, Protix aims to help shed light on how technologies can be used to end world food crises and improve the state of the world. "Being chosen as a Technology Pioneer is a recognition of our high-quality insect production technologies and sensible products".

#### **Insects are a formidable force of Nature**

Insects are the single largest living biomass and a critical protein source for nearly all animals. They thrive on the overproduction of other systems. Yet we rarely utilize this biomass. Every year there are more people on the planet and a growing demand for high-quality, healthy foods like fish, meat and dairy products. There are only a few sources of proteins and they are under pressure. Insects are now becoming a new primary source of proteins.

#### **Recovery of proteins through natural principles**

We discard millions of tons of proteins through organic waste streams. Insects can recover and transform those back into valuable protein sources. A natural solution, facilitated through technology. Insect derived nutrients are the logical alternative to replace fishmeal and other animal derived proteins and lipids for the livestock industry.

#### **Professional technologies producing the highest quality products**

Protix is the leading company worldwide in controllable, scalable and stable insect farming technologies. The potential this technology offers is huge. Organic streams that previously disappeared from our food chain or were inefficiently used as compost, are now a source of protein and fat that can be used to feed livestock on a global scale. The technology of Protix also enables organic waste streams that were not suitable for composting to be converted into high-quality proteins and fats.

#### **Huge potential to end world food crisis**

Protix Biosystems was founded in 2009 with the idea to develop the necessary technologies for insect production, a missing link in a valuable concept. Protix has succeeded in this by using the most efficient high-quality food source on the planet: insects. Protix derives the nutrients sustainably and the derived proteins and lipids have been tested thoroughly. The results indicate that Protix protein meal and lipids are excellent functional ingredients and can replace fishmeal and other controversial ingredients.

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