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CEO

Entoprot Ltd is a  
Finnish technology  
company

**Our business:**  
sale of devices and  
technology

### Our vision:

Leading insect  
rearing technology  
provider in the  
world



### Where are we now?

Fully working  
prototype tested,  
seeking financing for  
piloting and  
commercialization

### Contact us!

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# Insect Protein Production

More protein is needed for human consumption, production animals (fish, poultry, pigs) and pets. The demand is expected to increase by 60% by 2030.

## Why insect protein?

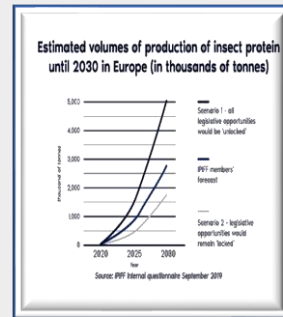
- Good amino acid composition
- Sustainable production
- Low production costs
- Supports well the growth of young animals

## Why larvae, not adult insects?

- Mass production easier
- Efficient and inexpensive automation possible
- Higher productivity



## Insect Protein Market



USD 99.30 billion in 2018, **growth rate > 45%** 2019-2026 (source: MarketWatch.com)

### Uses:

- NOW: Pet food, fish feed
- SOON: poultry feed
- FUTURE: human food & food additive

### First in the world

Entoprot Ltd has developed a real bioreactor for mass cultivation of larvae.

Up to 400 kg larvae in 2 wk in 1 m<sup>3</sup>



## Black soldier fly (*Hermetia illucens*): the crown jewel of all insects

- Eats nearly anything
- Live as dense cultures in wet conditions
- Fast growth, can double the weight every day
- Ready for harvest in 2 weeks

### Good reasons to start insect protein production

- Huge market potential
- Sustainable production
- Efficient cultivation system available by Entoprot
- Low startup investments