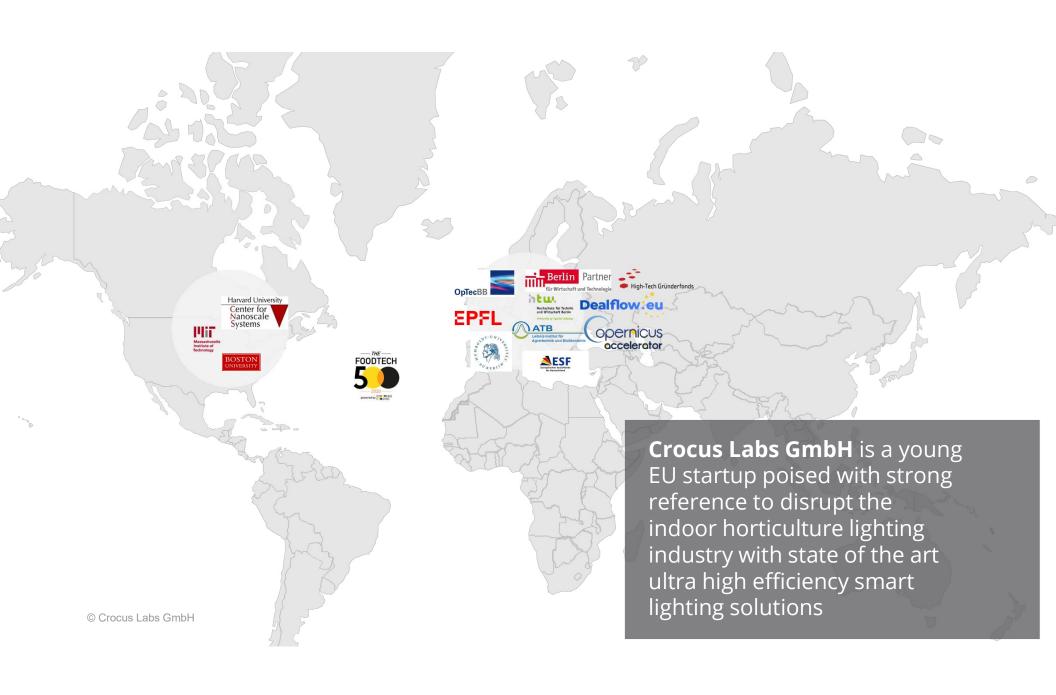




CORPORATE PRESENTATION 2021



## Crocus Labs in a nutshell

Ultra high efficiency smart lighting solution provider, tailored to specific horticulture needs



Research

Flexible & tunable lighting system to aid cutting-edge research



Vertical Farms

Customized solutions tailored to technology & crop variety



Greenhouses

Smart comprehensive solution to reduce OPEX



Cannabis

Highest efficiency luminaires that maximizes yield

# Indoor Farming Revolution

The indoor farming industry is on the verge of a revolution and will achieve massive growth in the coming years

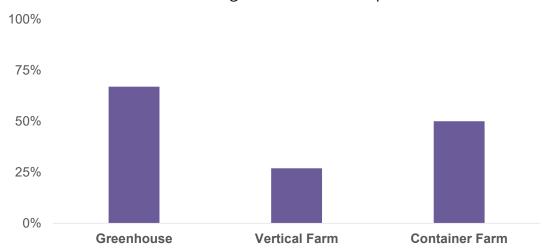
\$300B Worth of vegetables produced in greenhouse year around
\$100B Market expected from legalization of Cannabis
\$1.2B Vertical farm's first IPO is a Unicorn
of the produce grown in indoor farms under artificial light are inexpensive and low profitable leafy greens



The Problem

Compared to other forms of indoor farming, vertical farms are disproportionately much less profitable because they rely completely on artificial light

#### Percentage of farms that are profitable



- ➤ Indoor farms rely heavily on artificial lighting, that amounts to ~25% - 35% of OPEX
- > Up to 80% for some vertical farms

## Our Solution

Smart lighting system (Novel LED + Sensors + AI/ML)



### **OPEX Reduction**

Low electricity consumption
Our Proprietary LEDs can provide 4050% higher efficiency compared to
available solutions



## Turnkey Solution

Our customers get access to a turnkey solution comprising of LED luminaires, sensor system and data analytics

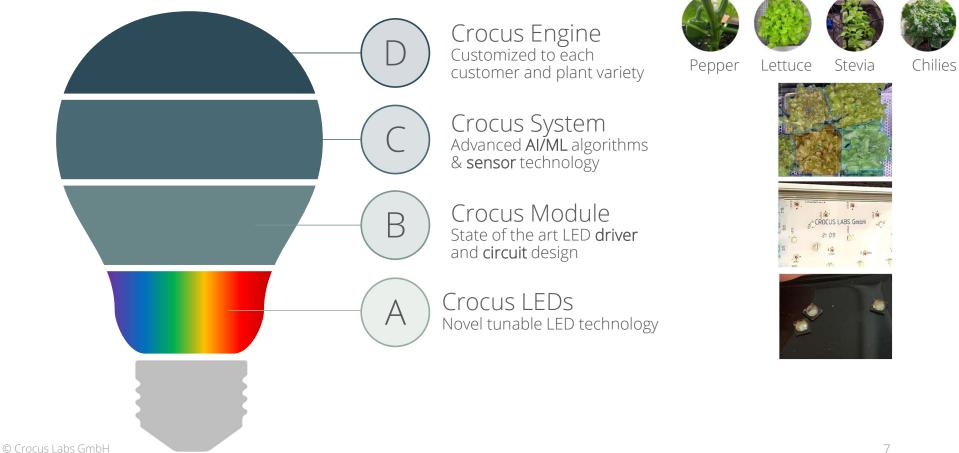


## Wider Crop Variety

Customers can choose from a variety of crops to grow and are not restricted to certain leafy greens (e.g. mint, lettuces)

## Our Differentiator

We have shown state of the art performance at various levels and grown a wide variety of crops



## Work with us

Help us to fast track our development

- Direct investment for product R&D and IP development on LED and LED luminaire to bring the product to commercial readiness.
- Contract Research (e.g. growth of specific crops)
- Sensor manufacturers and Foundry Service Providers
- Custom Development (e.g. customized LED modules)
- Joint development project (e.g. crop specific luminaire development)

