
SOLLUM
LED
BY NATURE
Greenhouse dynamic LED lighting
A new paradigm



Feeding the future

Cleantech practices benefit

- Ecosystems
- Energy efficiency
- Crop yield
- Profitability
- Produce quality
- Shelf life
- Local economies

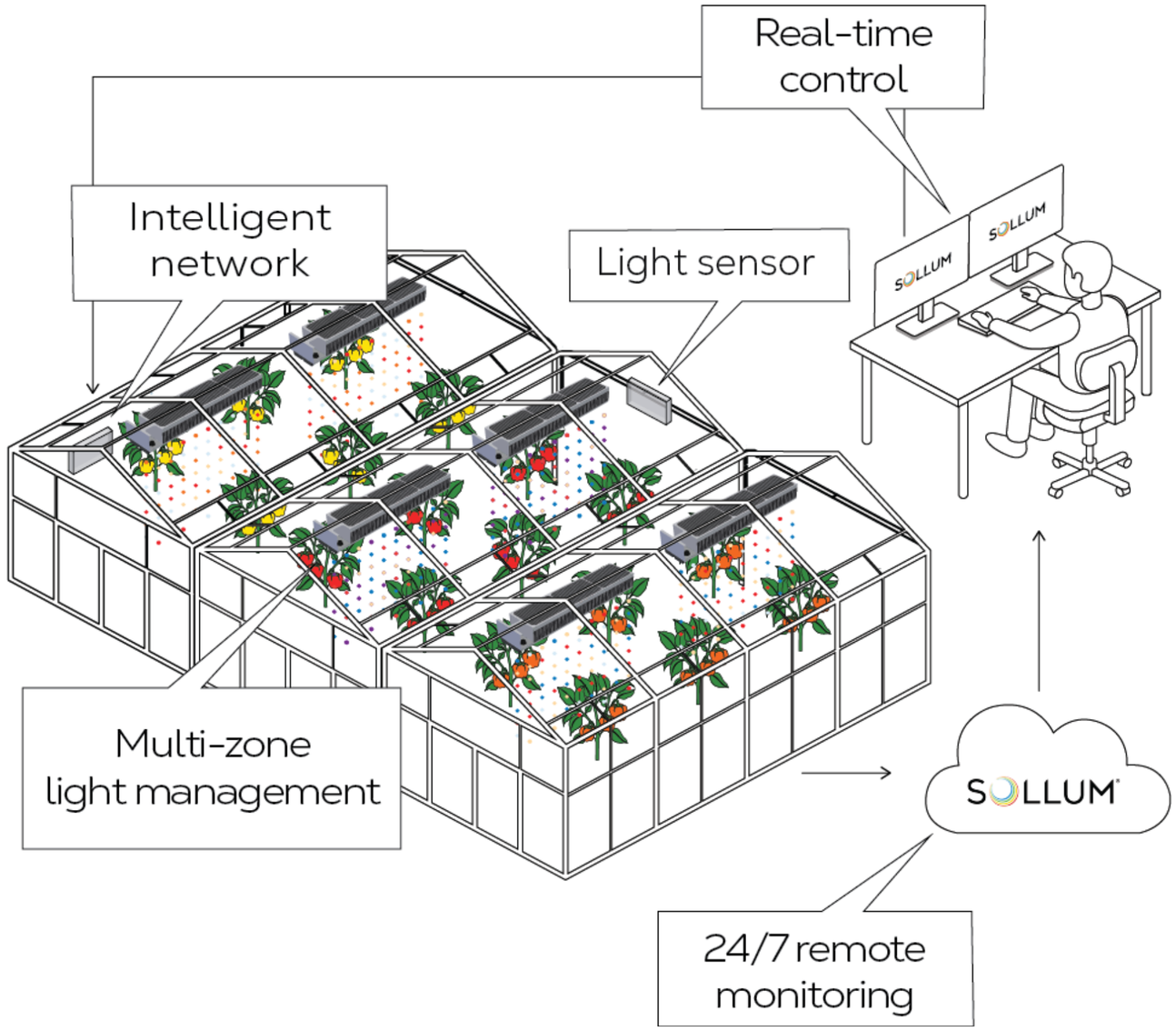
Flexibility

Higher Yield

Grower Focused

Disruptive innovation

- The most advanced, intuitive & fully customizable dynamic LED lighting
- The most comprehensive solution — equipment + cloud platform + support
- Seamless integration
- Total control of lighting
- Unmatched support



SOLLUM

Our people



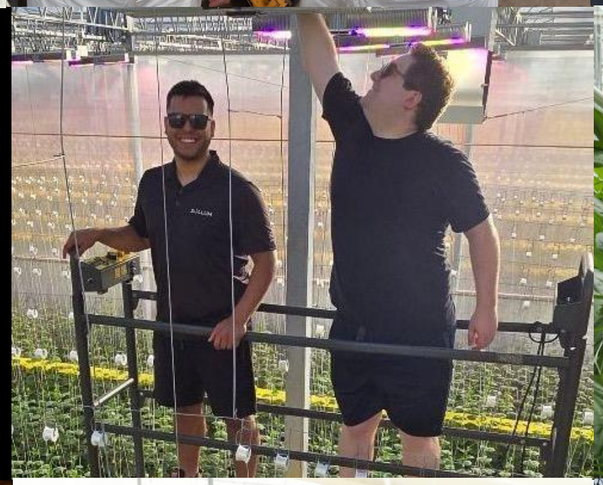






Innovators
Curious
Foresighted
Sustainability-minded

To enhance life and productivity, together.





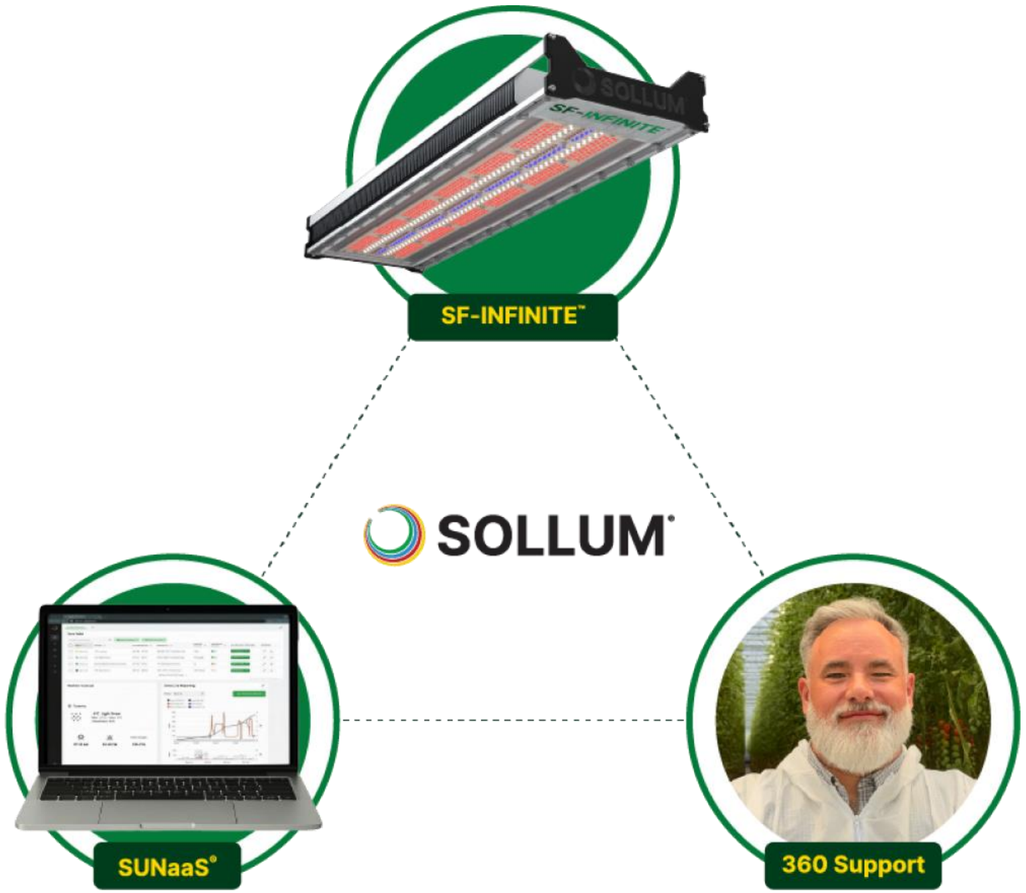








Our values



Forerunner

We collaborate with customers and research centers to push boundaries.
We harness knowledge and data to meet ever-changing needs and contribute to a cleaner environment.

Groundbreaker

We pave the way to a brighter, more sustainable future.
We pride ourselves on leading by example, championing the benefits of our solution. We are humble, always acknowledging that there's room to grow, yet bold to challenge the status quo.

Empowered

We provide the tools and knowledge to harness the full potential of our solution. We stand by our customers from the initial contact to production, ensuring confidence in the value and capabilities of our technology.
We empower each customer to light up their world sustainably.

SOLLUM

Fast track to market

Leading the agtech industry with sustainable and future-proof strategies.

2017

First round of financing

2018

Pilot projects in indoor agriculture biotechnology, greenhouses and CE production

2020

Large scale deployments for first winter production of peppers at Allegro Acres (Ontario) and Les Productions Horticoles Demers (Québec)

2022

Break into Holland and the UK.

Expansion project with the Chef's Garden (Ohio)

2023

Fourth round of financing (CDN $30M).

2025

130+ deployments

220+ acres of greenhouses

100+ crops and cultivars

SOLLUM



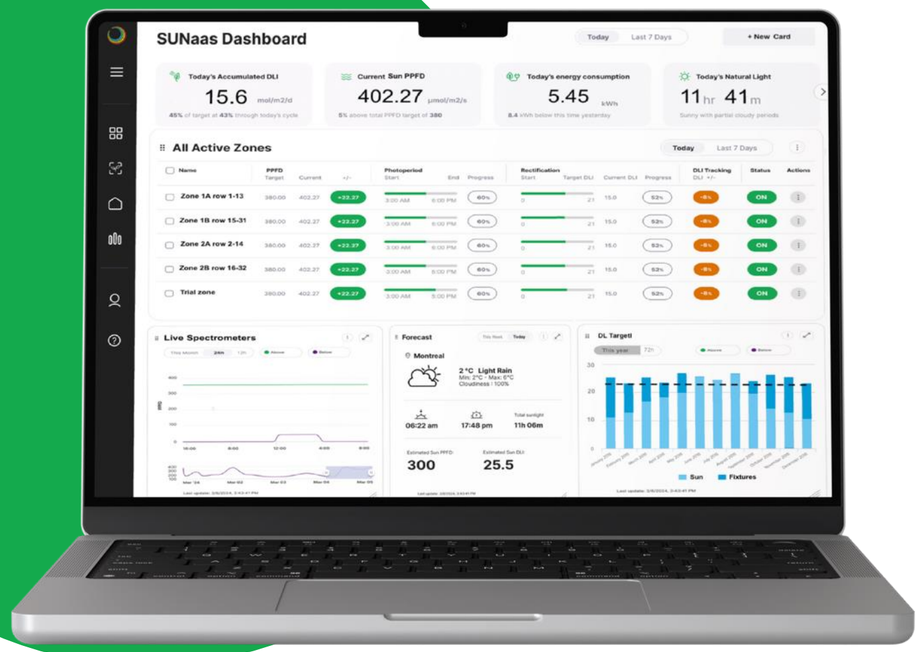
Breaking new ground in agtech

Addressing critical challenges

- Climate change
- Food sustainability
- Energy efficiency

At the heart of the CEA digital transformation

- Challenging the status quo—enabling growers
- Developed / engineered / manufactured in North America



Powered by SUN as a Service ® (SUNaaS®)

Continuous innovation

- Patented technology
- Proprietary algorithms
- Embedded software
- Network architecture and protocols
- Hardware design

34

Granted utility and design patents

32

Pending utility patents

8

Documented trade secrets

SOLLUM

Total control for growers: improved productivity, quality, and optimal energy efficiency.

Unique HD 100% programmable spectrum.



Cloud infrastructure for absolute flexibility.

IoT objects: Software embedded in fixtures.

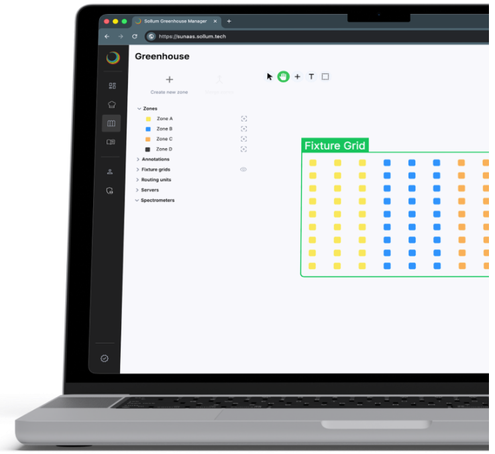
New paradigm

Cleantech reproducing the natural cycle of the Sun.

SOLLUM

SUN as a Service®

Smart and versatile greenhouse lighting control.



Unlimited multi-zone light management

- Adjustment of light strategy per cultivar and growth stage

Platform updates

- Continuous improvements
- At the forefront of lighting control innovation

Maintenance management

- Real-time fixture monitoring
- Performance data & analytics

100% programmable light recipes

- Start with lighting strategies you know
- Continuous learning with our experts
- Future-proof system

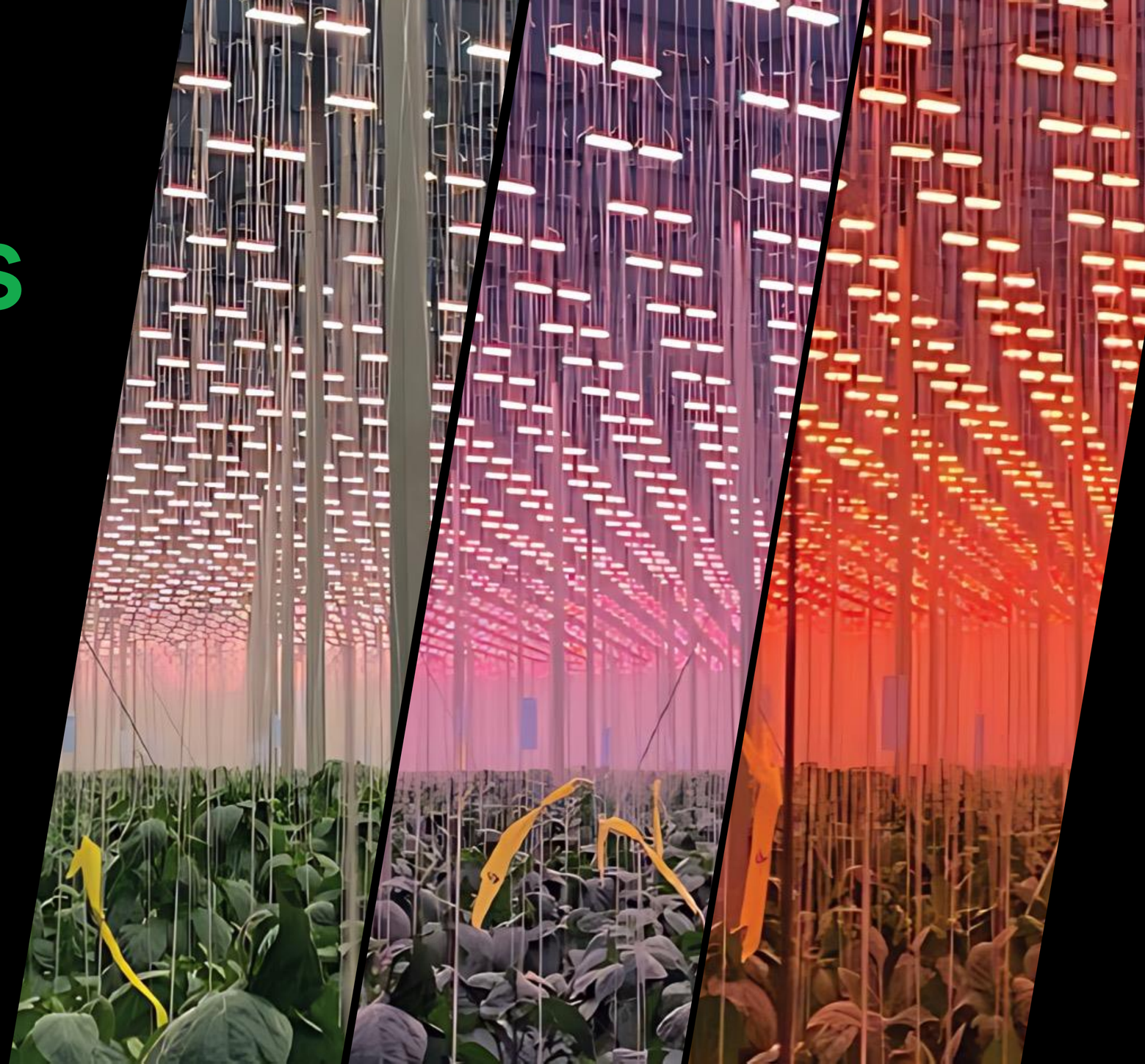
Dimming and real-time light compensation

- Up to 20% extra electrical savings
- Demand charge control
- Consistent light conditions

SOLLUM

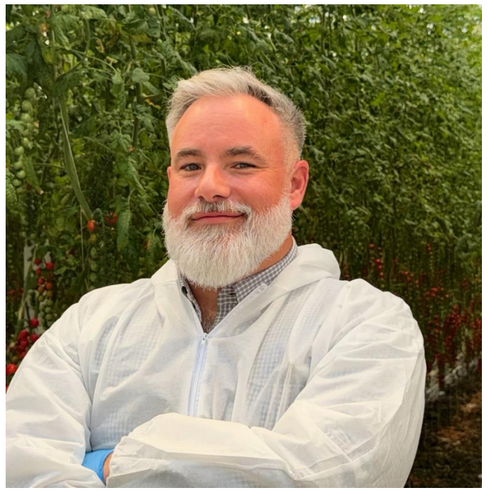
Unique capabilities

Tailored light treatments for crops’ specific needs at any growth stage.



Setting the standard
Smart Support









- Project management
- Equipment configuration & integration
- Global system monitoring
- 24/7 support
- Maintenance & troubleshooting
- Continuous training

SOLLUM

Strong partners



Idealist Capital

Fondaction

MaRS

East West

KPU KWANTLEN POLYTECHNIC UNIVERSITY

Delphy

Biophi

Agriculture and Agri-Food Canada

SOLLUM

Executive team





Louis Brun

Co-founder,
President & CEO



François Roy-Moisan

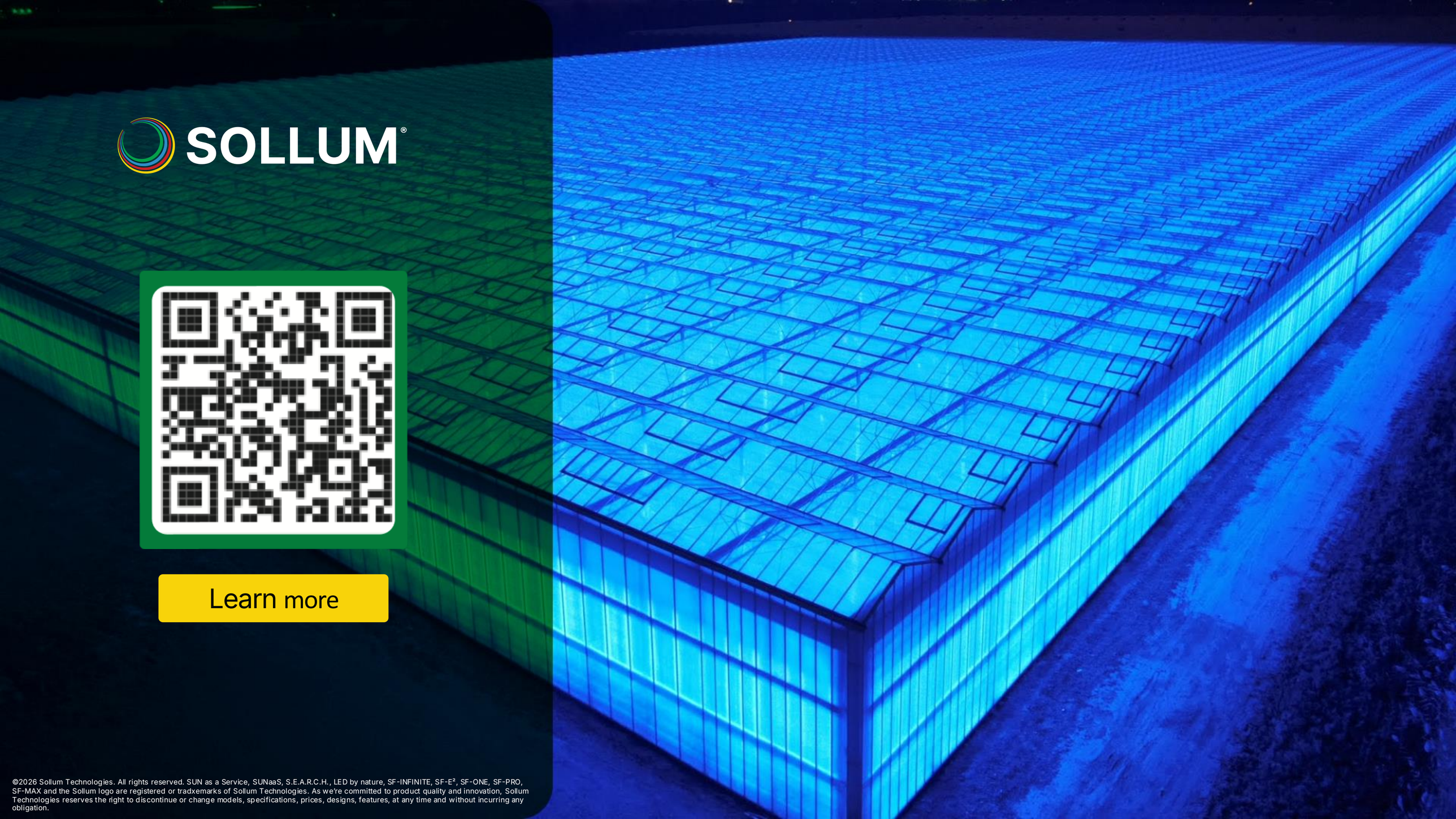
Co-founder & CTO



Giancarlo Santelli

CFO

SOLLUM



©2026 Sollum Technologies. All rights reserved. SUN as a Service, SUNaaS, S.E.A.R.C.H., LED by nature, SF-INFINITE, SF-E², SF-ONE, SF-PRO, SF-MAX and the Sollum logo are registered or tradxemarks of Sollum Technologies. As we're committed to product quality and innovation, Sollum Technologies reserves the right to discontinue or change models, specifications, prices, designs, features, at any time and without incurring any obligation.