

SWEDISH  
ALGAE  
FACTORY



Advanced Materials from Algae

“We founded Swedish Algae Factory to prove that it is possible to create an industry that is positive for the climate, not only less negative. With algae we found a way to achieve this.”

- Sofie Allert and Angela Wulff, founders of Swedish Algae Factory

The founders Sofie Allert and Professor Angela Wulff



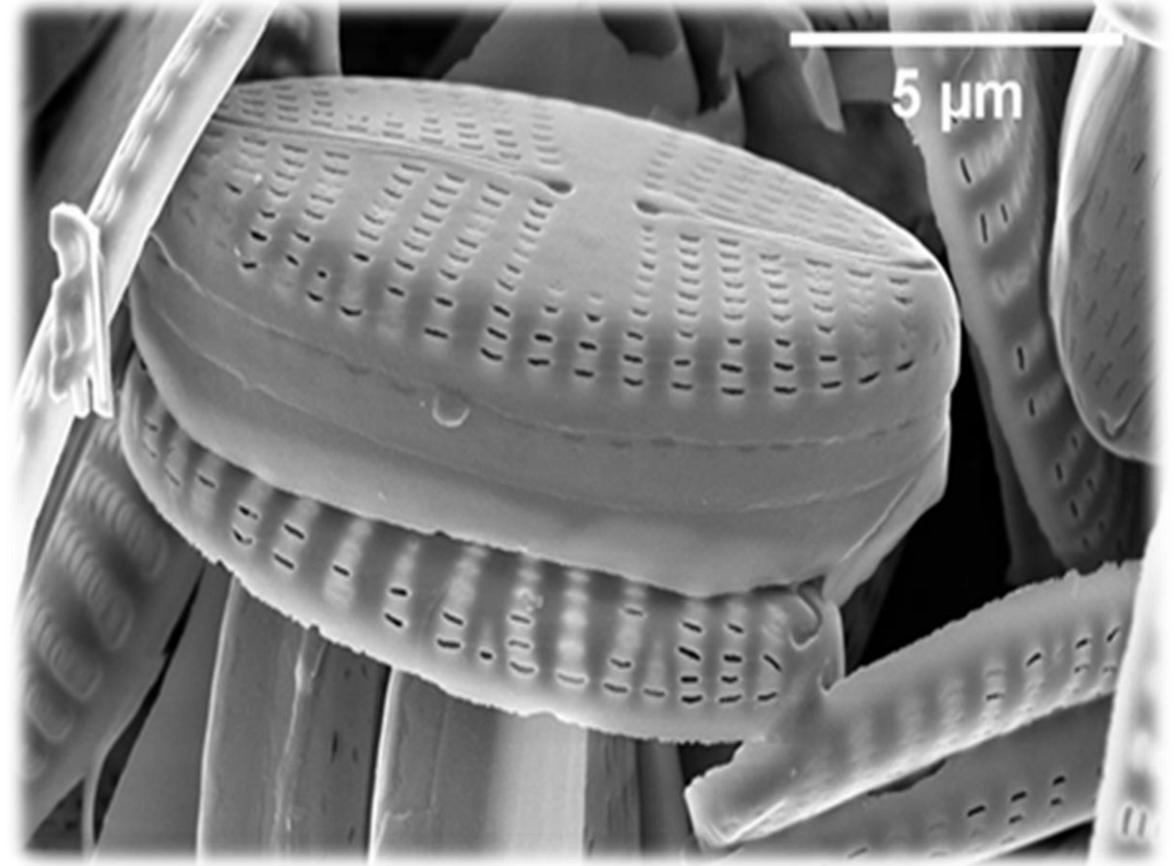
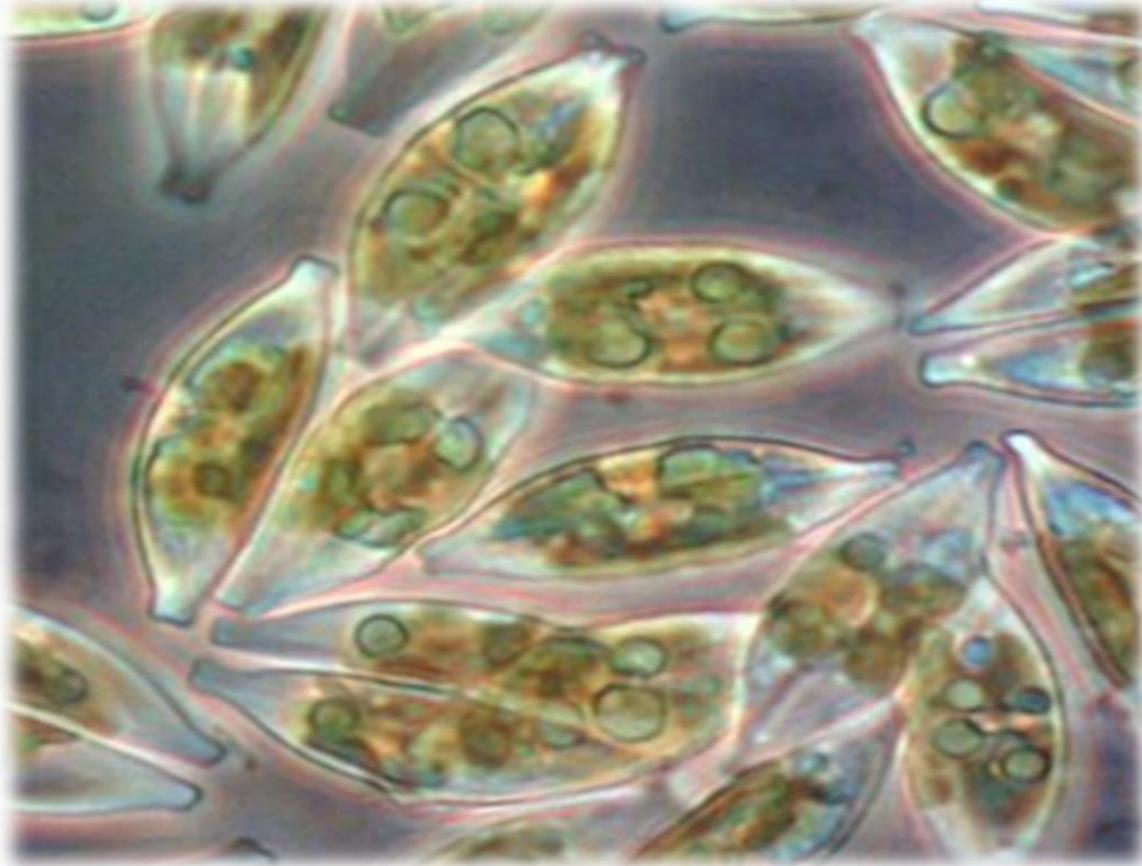
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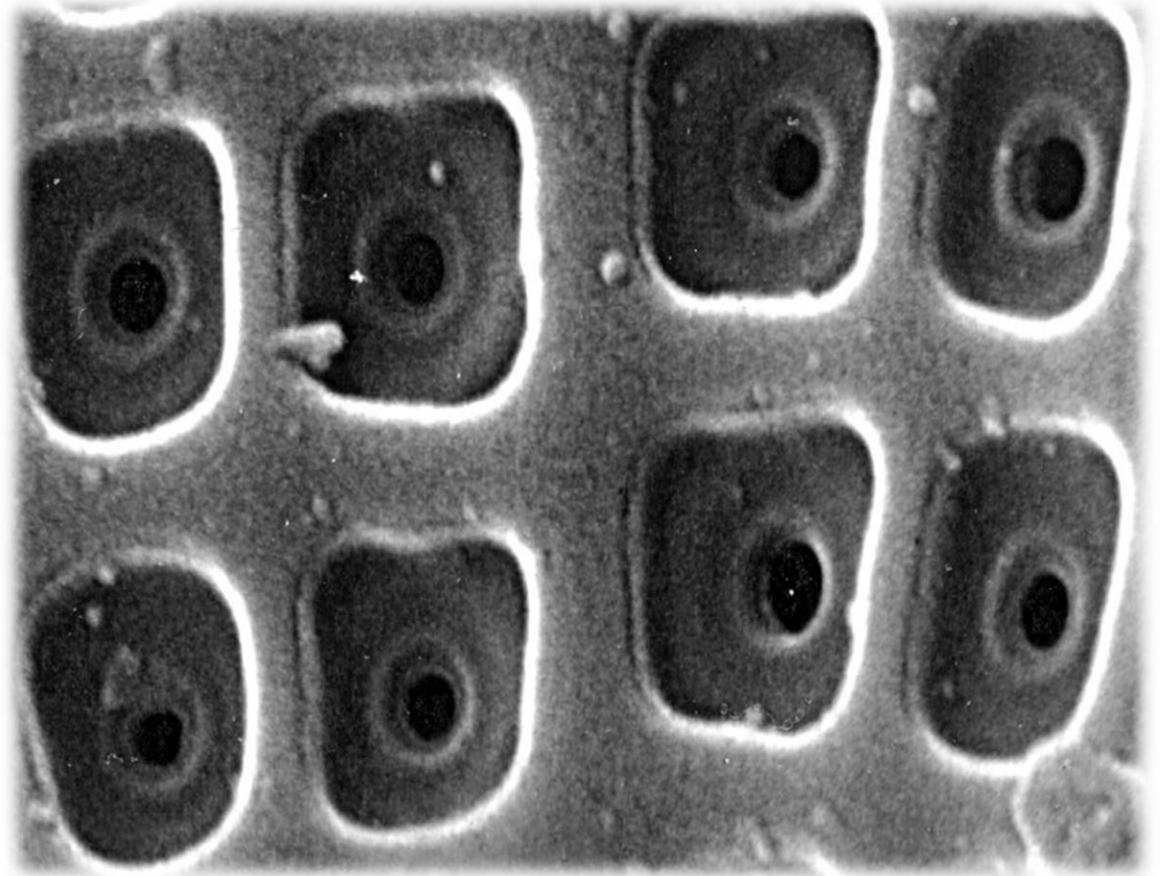
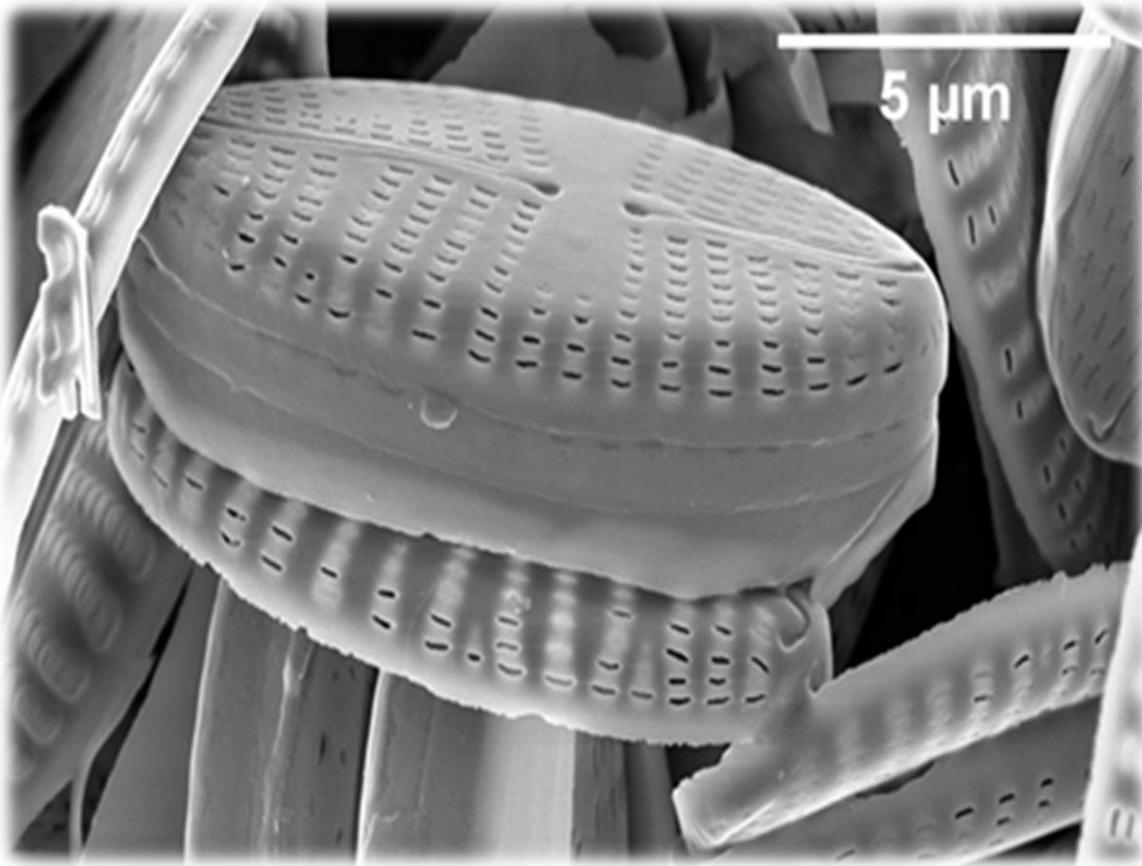
Our Mission

Be the world-leading producer of advanced materials from algae  
and a driving force towards a circular and bio-based industry

# WE CULTIVATE DIATOMS, A TYPE OF ALGAE



# NANOPOROUS SILICA



# ALGICA® - A HIGHTECH MATERIAL DEVELOPED BY NATURE



Traps visible light efficiently

Blocks harmful UV light, partly by manipulating UV light to visible light

Absorbs and releases chemical substances

Extremely durable and stable

High consistent quality



# ALGICA<sup>®</sup> IN SOLAR



**At least 4%** efficiency enhancement  
= at least **€1.2B annual TAM**

**1 kg of Algica reduces CO<sub>2</sub> with 200 tons/year**

**+38%** in DSSC

**CHALMERS**  
UNIVERSITY OF TECHNOLOGY

SCIENTIFIC  
REPORTS

nature



# ALGICA® IN PERSONAL CARE



## Natural and efficient:

- Moisturizer
- Cleanser
- Rheology modifier
- Anti-pollutant
- *UV filter*



# TRACTION

**PATENT  
PENDING**

## PERSONAL CARE

Examples of customers:

**L: A BRUKET**



LAPONIE  
OF SCANDINAVIA

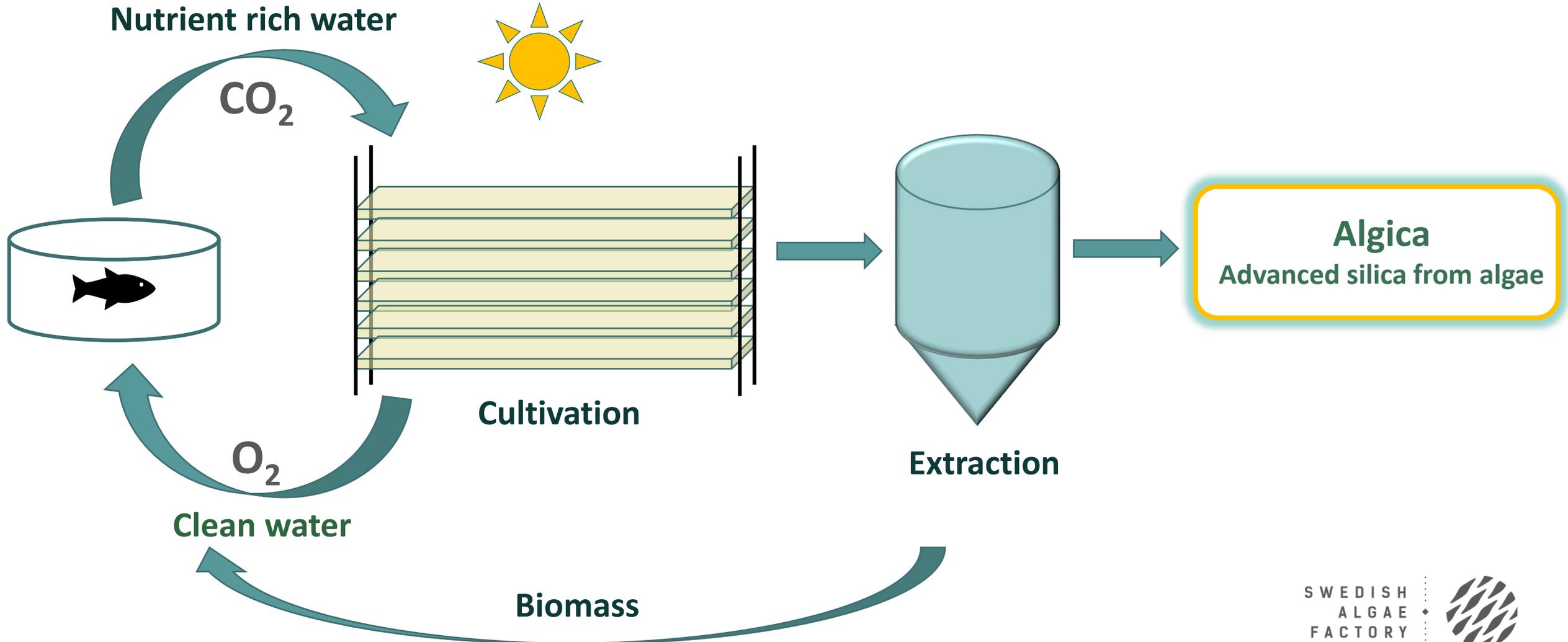
**+ 48 testing / tested  
(including 9 larger actors)**

## SOLAR

**5 testing partnerships + 3 in discussions  
LoI of Purchase**

**QUANTOII**

# CIRCULAR = SUSTAINABLE & PROFITABLE



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# PRODUCTION IN KUNGSHAMN, SWEDEN



# PLANT WITH A CAPACITY OF 500 KG ALGICA IN OPERATION 2021



- New plant with a capacity of 500 kg Algica in operation 2021
- Expansion with additional 500 kg in 2022
- Accelerated expansion in line with market demand, possibly through partnerships

*500 kg of Algica improves the efficiency of 50 million m<sup>2</sup> of solar panels or could be used in 5 million personal care products.*



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## FOUNDERS



**Sofie Allert**  
CEO, Founder  
Biotech Engineer  
MSc Entrepreneurship  
Chalmers



**Angela Wulff**  
Innovator, RnD, Founder  
Professor Gothenburg Uni  
30 years of algae research

## TEAM



**Lizette Andrén**  
Sales and Marketing  
15 years in the  
cosmetic industry



**Mikael Hedblom**  
Production  
Algae researcher, MSc  
Published in Nature



**Gustav Knutsson**  
Product and Quality  
Ex-Head of Production  
at Simris Alg  
Marine biologist



**Justin Pearce**  
Process  
Process Engineer  
Melbourne University



**Ulf Rask**  
Finance Manager  
Finance manager in  
larger companies, CEO  
in smaller companies



**Michael Nordström**  
Automation  
Worked as Automation  
engineer for 25 years

## BOARD



**Jan Svärd**  
Advisor + Investor  
ex-President  
AkzoNobel



**Olle Stenberg**  
External Chairman  
Founded Tech Incubator  
PhD Chem Engineering

SWEDISH  
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Inspired by nature towards creating a more sustainable industry

Sofie Allert  
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