



...but they are struggling to find a greener alternative that can also offer good performance

Intelligent fluids



A sustainable, efficient and powerful solution for industrial cleaning!



€17,2M **Financing raised**

employees







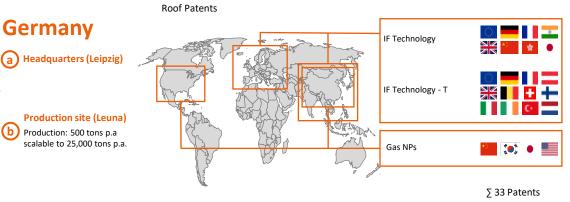
Christian Römlein

M. Breul [CTO]

Dr. Christian Raeck [COO]

Fully functional operations

Strong IP



Awards and certificates





















Key clients & Sales Partners

















Deutschland

Land der Ideen



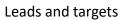
















Germany













Keeping industries clean in a sustainable way is one of the largest unsolved problems

The challenge of state-of-the-art solvents



Harmful to the environment



Harmful to human health, due to mostly toxic, unhealthy and dangerous content



Harmful to the equipment



High costs of ownership & legal issues

The solution: Cleaning up industries in a sustainable way is <u>our mission</u>





Intelligent fluids eliminates the toxicity of the cleaning process by replacing the use of chemicals for a physical process that detaches the dirt from the surfaces while improving the overall efficiency of the production process. Making it:



Good for the environment
- Up to 65% energy
reduction and 70% less
consumption



Unharmful for human health - Dermatologically approved, pH neutral



Friendlier for the equipment – No aggressive chemicals used

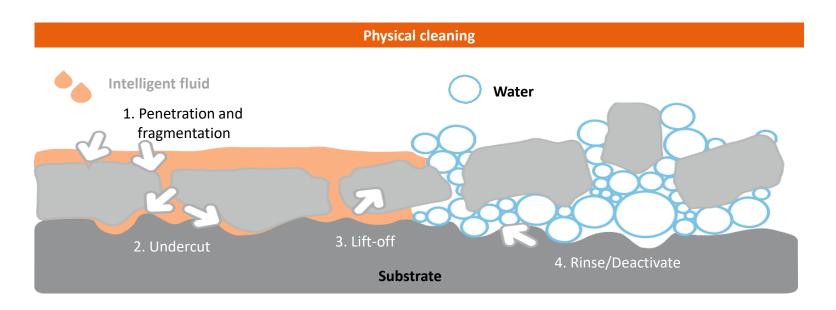


Significant economic advantages. 67% savings on TCO

How do we do it



Instead of aggressive, chemical dissolving, Intelligent fluids use a physical process for the cleaning of surfaces that consists of removing layers smoothly through physical effects.



Without the use of harmful chemicals, intelligent fluids eliminates the toxicity of industrial cleaning processes!

The **patented technology** of intelligent fluids combines gentle ingredients to tailor-made phase fluids that remove organic contaminants effectively and gently by a molecular teamwork like a micro-earthquake. This **groundbreaking Impact Chemistry** is able to penetrate, fragment and finally lift-off even persistent impurities and heavy deposits (dirts/oils/ colours/adhesives) in a very powerful and gentle way.







Fast growing market

Market Size of Industrial Cleaning, in bn USD 2017 2020 2023 17.5 52.5

Targeted markets



Intelligent fluids major applications



Intelligent fluids has already a wide variety of powerful smart liquids on hand. 65 leading products that cover photoresist strippers, adhesive removers, colour and graffiti removers, industrial cleaners, lubricants and rust-looseners - important uses sought by our target markets.



Cleaning of dirts /residues/stains

Removal of resists from equipment, areas, machine parts, tanks, vessels



Removal of adhesives/glues/ resins

Removal of adhesive residues from varying substrates (i.e. flat panel display, temporary bonding), other adhesive challenges



Degreasing of oils/fats/greases

Removal of oily/fatty layers to prepare substrates for further manufacturing steps



Stripping of varnishes/lacquers/colors/paints/inks

Removal of photoresists and metal layers from wafers and photomasks, in microelectronic and electronic applications, removal of color residues in industries, graffiti removal in facility cleaning, a.s.o.

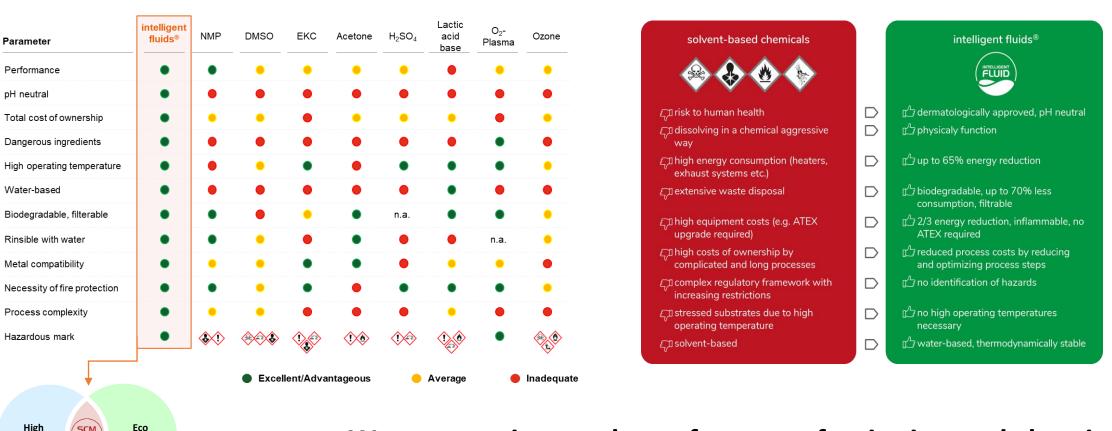
A market without a sustainable competition

performance

friendliness



At the moment we only compete with solvent-based chemicals. Intelligent fluids is disrupting the market with a unique product with clear benefits for all stakeholders!

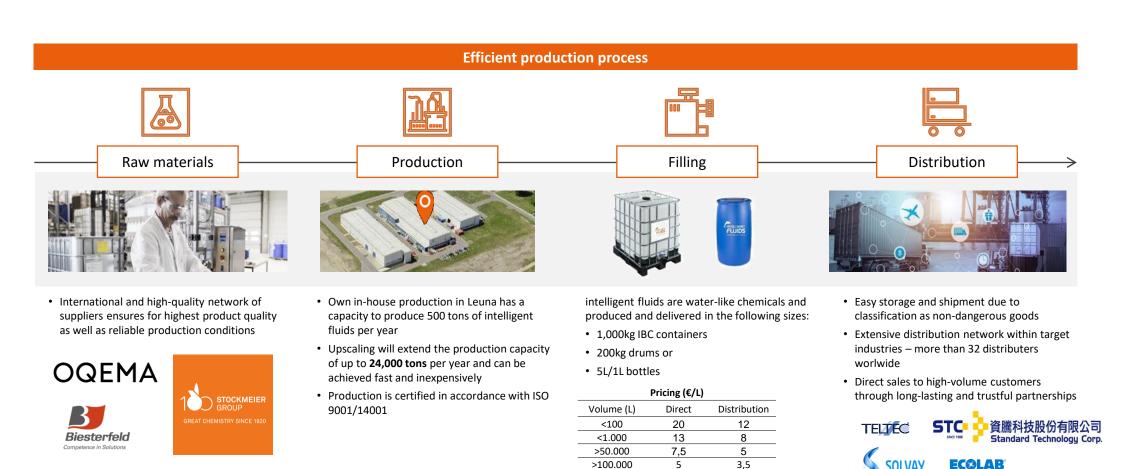


We are starting a solvent-free era of stripping and cleaning!

Business model



Lean business model focused on large volume customers. The consumables are distributed in bulk via direct sales and sales partners to industrial end-users.



Financial model



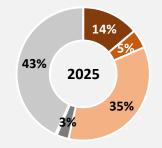
Our revenues reflects a growing penetration in 3 key segments (maintenance, microelectronics and Oil and Gas) globally to Europe, USA, Asia, Arabia and others with an attractive pricing model that encourage large volume sales adapted to our key industries.

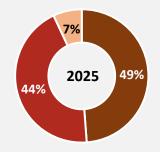
We count currently with 30 paying clients in our portfolio and we are looking to more than 20 leads at the moment.

On the costs side, we count with a high qualified technical, sales and management team and a production site with a capacity od 500 tons p.a scalable to 25,000 tons p.a. We also own all the machinery to produce the intelligent fluids.

Extra revenue will follow with our growth into current and new markets alongside with new applications coming from our recurring R&D initiatives.

	2021	2022	2023	2024	2025
Revenues	1.425.000	1.970.478	3.769.146	12.835.768	23.942.597
COGs	450.000	692.994	1.381.228	6.835.060	13.239.414
OPEX	2.375.000	2.457.914	3.142.193	3.414.640	4.304.925
EBITDA	-1-265.000	-705.159	-69.996	2.858.515	7.288.544
CAPEX	915.000	915.000	740.000	700.000	500.000
FTEs	22	23	28	35	49





Investment opportunity and use of funds



Intelligent fluids plans to raise €4,5M to fund primarily the global roll-out of its technology in high potential targeted international markets.



"I am very proud to be a shareholder of intelligent fluids. There is no comparable company at all. A unique mix of talent, of technology, of ground-breaking products."

Thomas Bohn, CEO Teltec Europe



"For us as a chemical investor with our activities, Intelligent Fluids is an absolute role model. That is why we are invested in developing this idea and making it successful."

Dr. Martin Pfister, Investment Director HighTech Gründerfonds

Use of funds



Further organizational development (especially internal sales team)

> Setting up international production sites

Setting up demo labs in target markets

Focus on business development in segments Microelectronics and Oil & Gas

Qualification processes for initial volume customers

Proof of concept in local markets and industries

Development of the technology & global patenting

2006 - 2018 2019 2020 2021 2022 2023

Regions for expansion

EUROPE

ARABIC COUNTRIES

ASIA

NORTH AMERICA

Exit strategy

Acquisition from a leading player in the chemical industry or IPO in 2025

Management & Advisory team



Management team



Christian Römlein

CEO

- Thirty years of experience in international topmanagement positions (e.g. Holmenkol, Loba, Endress+Hauser); political network (MAA-BVMW, BVMW)
- MBA

Strategy Marketing/Branding

Entrepreneurship

Sales



Dr Alexander M.
Breul

CTO

- Multiple years of experience in R&D projects, product development and analytical chemistry (e.g. Max-Planck-Institute, FSU Jena, LEUNA-tenside, Sanofi-Aventis)
- · PhD, Diploma in Chemistry

R&D

Laboratory Mgmt

Quality

Regulatory



<u>Dr Christian Raeck</u>

- Expert in chemistry, analytics and process management (e.g. Fresenius analytics)
- Significant experience in project management
- PhD (Analytical Chemistry, Leipzig), MBA (HHL)

Purchasing

Production

Logistic

IT/Digitalisation

Advisors



Manuel Silva III
Advisory Oil and Gas,
Owner Harmonic Energies,
former CEO Flowchem US,
> 30 years industry
experience



Don Dussault
Advisory Microelectronics:
Managing Partner of ProSYS
US, > 40 years of industry
experience



Dr. Dirk Schumann
Advisory R&D, founder of the company, inventor of IFTechnology, > 25 years of experience in combining chemistry with physics



Armin Eiche
Advisory strategy, CEO
Bankhaus PICTET&CIE (Europe
S.A. Germany)



Dr. Jürgen Eichler
Advisory Microelectronics,
former MERCK top manager, >
30 years of experience in the
chemical industry



Thomas Meyer
Advisory Maintenance; VP of the
German Chamber of Industry and
Commerce (DIHK), President of
the Chamber of Industry and
Commerce NRW, Managing
Partner of the TKM Group



Prof. Dr. Werner Kunz
Advisory R&D, University of
Regensburg, Institute of
Physical and Theoretical
Chemistry, Head of Institute

Global impact

more efficient and less expensive by reducing drained harmful chemicals



Our corporate social responsible program already covers 10 of the 17 UN Global Sustainable Goals...



...to reach a sustainable future of all life on planet hearth!

sponsorship and SDG contribution



Green Product Award



Christian Römlein roemlein@intelligent-fluids.com



SMAC