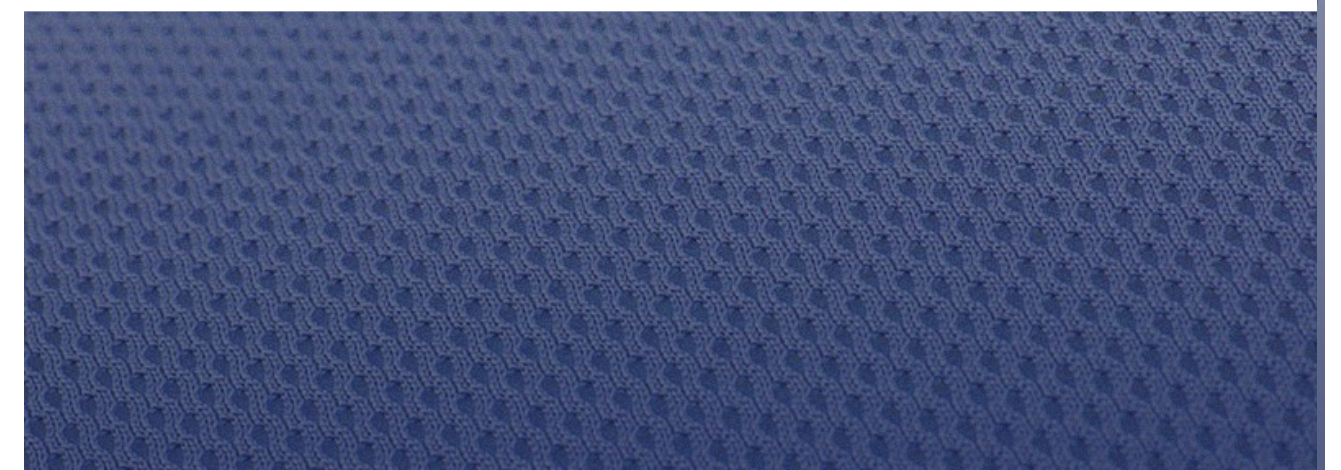
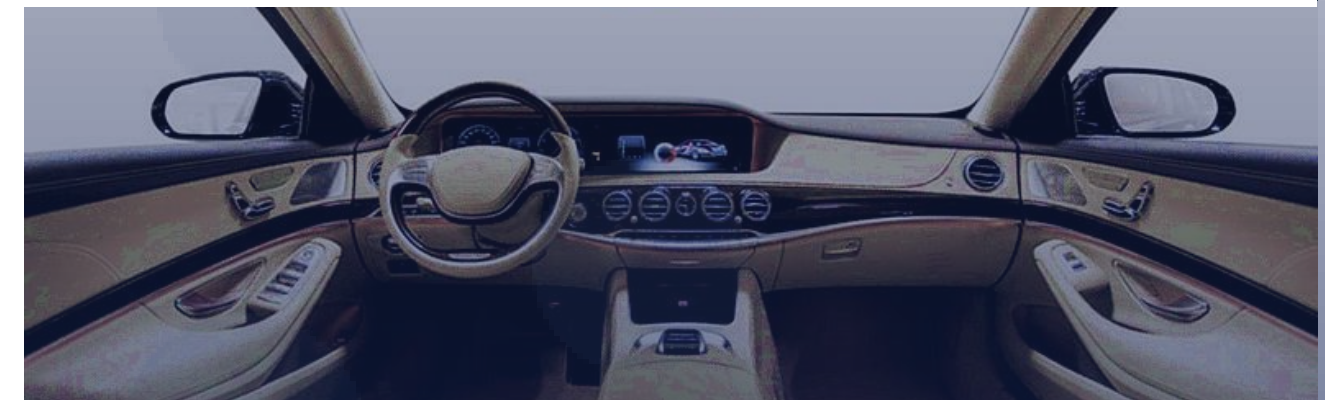


Sonovia

The natural evolution of the textile industry

Company Deck, April 22
TLV:SONO



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The purpose of this presentation is to present the activity of Sonovia Ltd. ("hereinafter: "Company") and to provide initial and basic information only about its activity.

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01

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CEO's Message to the investors

Following the release of our 2021 financial statements, I am proud to report that the company is meeting its objectives and plans, progressing on all fronts, and gearing up towards **commercialization of our revolutionary technology**.

The company keeps growing and recruiting top talents in chemistry, engineering, regulation, marketing and sales, and keep investing in ~~our~~ its R&D labs to expedite the technology development.

As preparation for our technology commercialization, Jonathan Jaglom, a top Industry executive, joined us as CRO to lead and build our Go-to-Market infrastructure.

Our R&D team continuously yield **market leading results** in efficacy and resistance to washing, reaching strong efficacy after 100 laundries, whereas our development into green water repellency is demonstrating outstanding results according to strict industry standards.

Our pilots with global leading brands and manufacturers evolve; while proving outstanding results according to their high standards and demands, and we are **advancing towards wider commercial agreements**.

Our partnership with Bruckner, an leading fabric finishing machinery supplier, is key to our commercial success. Together, we've developed a fully industrial ultrasonic fabric finishing machine, which is now tested and optimized at Bruckner's R&D line in Germany, towards **the first installation at Delta-Galil in Israel at mid-2022**. In parallel, we are in advanced talks with Bruckner on the commercial terms, which will ensure Sonovia top-in-class manufacturing.

Our product department **outperformed 2020 by more than 50%**, reaching **US\$14.5m** in profitable revenue, fuels the company with cash reserves and builds the Sonovia brand and reputation worldwide. The product department team, under the leadership of our new CRO is shifting to a new strategy to diversify its offering and minimize the dependency on global COVID surges.

We continue to advance our company in the path for success, and we are all focused on successfully accomplishing our objectives for 2022.

02

03



What Powers Sonovia?

Sonovia is disrupting the textile industry by breaking the paradigm that durability & performance = pollution.



Textiles are everywhere

Textile applications are endless, requiring different chemistries in textile preparation, dyeing and finishing.

04



Dyeing



Fire Retardancy



Odor control



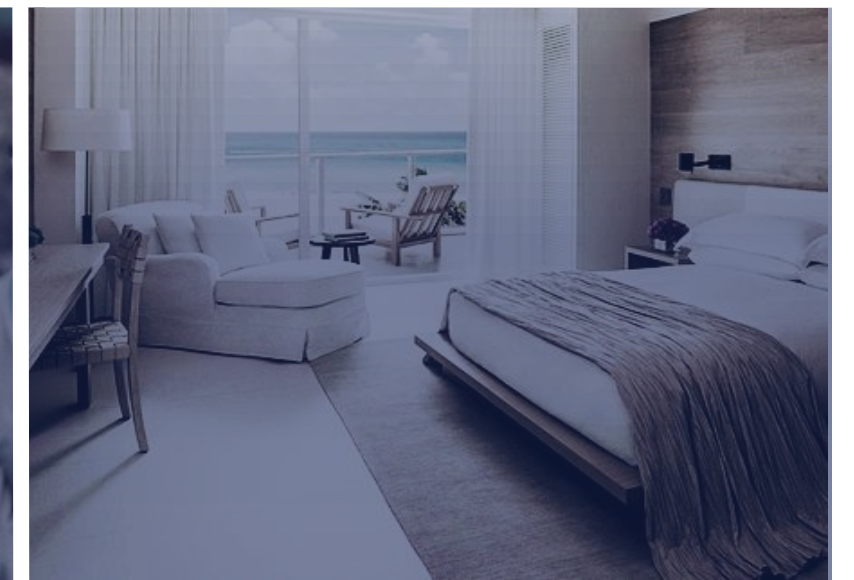
Water repellency



Temp. control



Softening



Supply Chain

The textile supply chain is extensive, with most of its issues stemming from the Pre-treatment, Dyeing, and Finishing stages.

05



Highly Pollutive, poor durability

06 Prevalent preparation, finishing, and dyeing processes are highly pollutive, not durable, not agnostic to the fiber composition, use toxic chemistries, and require lengthy processes.



Wash out quickly



Not agnostic to fiber content



Incorporate toxic chemicals



excessive use of chemicals



Lengthy processes



No Answers to industrys' trends

Prevalent finishing & dyeing methods are not aligned with growing industry trends and needs:

07

Growing demand for
Performance

Low performance =
low satisfaction

Growing demand for
Durability

Low durability =
low satisfaction

Growing demand for
Sustainability

Polluting method will
become obsolete

Bloomberg Green Sign In Subscribe

The Global Glut of Clothing Is an Environmental Crisis

by Rachael Dottle and Jackie Gu
February 23, 2022

[f](#) [t](#) [in](#) [x](#)

The fashion industry might not be the first that comes to mind as a superuser of fossil fuels. But modern textiles rely heavily on petrochemical products that come from many of the same oil and gas companies driving greenhouse gas emissions. Today, in fact, fashion accounts for up to 10% of global carbon dioxide output—more than international flights and shipping combined, according to the United Nations Environment Programme.

Forbes

Oct 25, 2019, 08:17am EDT | 4,649 views

This Company Wants Chemical Ingredients Listed On Our Clothes Labels - Here's Why

Brooke Roberts-Islam Senior Contributor @ Sustainability
I am a fashion insider writing about sustainability and materials [Follow](#)

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This article is more than 2 years old.

CHRON.

What Kinds of Pollution Do Textile Factories Give Off?

Small Business | Advertising & Marketing | Product Life Cycle
By Karen Rogers

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All textile factories in the United States face intense regulation from the Environmental Protection Agency. Textile factories are second only to agriculture in the amount of pollution they create and the voluminous amounts of water they use. For example, it takes approximately 500 gallons of water for a textile factory to produce the fabric needed to cover only one sofa. It also takes over 2,000 chemicals, many of which are known carcinogens, to turn raw materials into finished fabrics. The factory owners are responsible for making sure that the factory is a safe



LONDON FASHION

FASHION BRANDS TO FACE CRACKDOWN AS EU DRAFTS IN NEW REGULATIONS TO ENFORCE A GREENER TEXTILES INDUSTRY

Posted by Louise Prance-Miles | Mar 17, 2020 | Fashion, Fashion Manufacturing | ★★★★★



Business

The dirty secret about your clothes



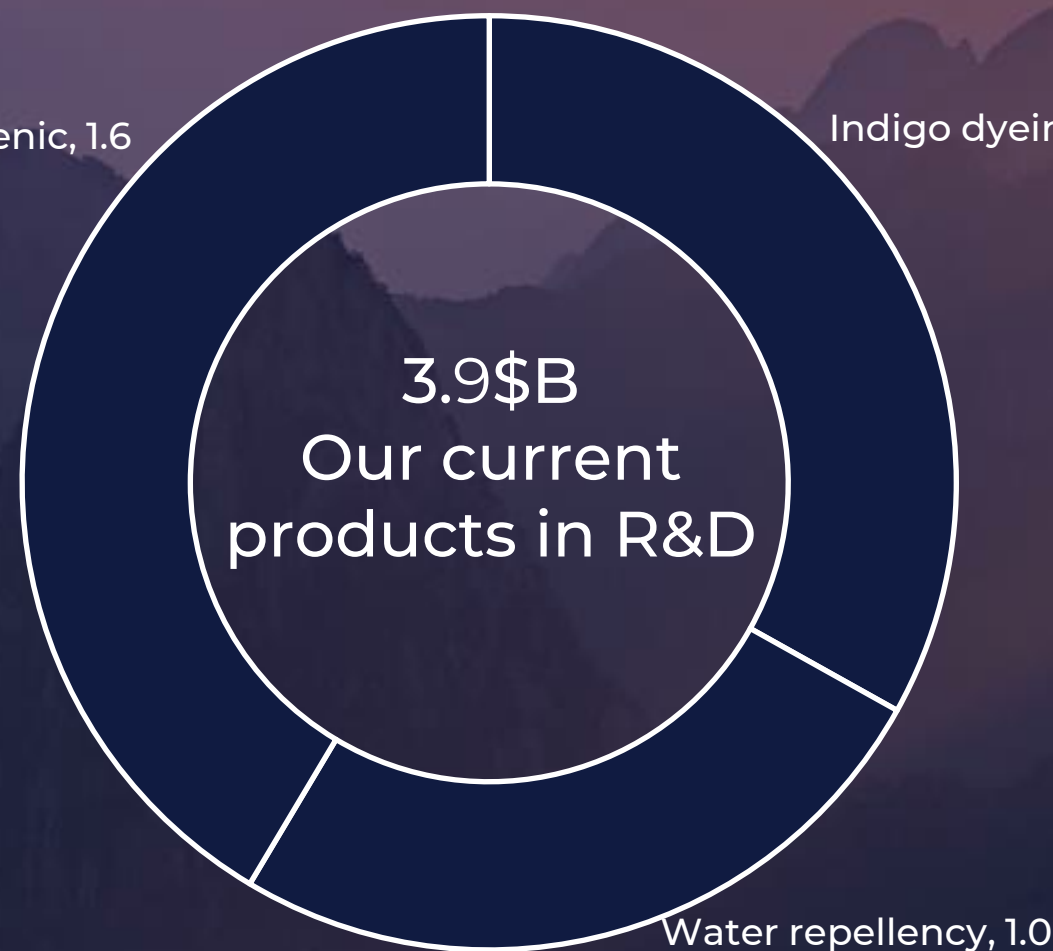
A forced change

Growing public awareness, industry leaders, brands, and regulatory entities are forcing a shift to sustainable processes.

\$16B Market opportunity

Consumables, retail prices 2021, \$B

09



- Dyeing (not Indigo)
- Current products in R&D
- Flame retardancy
- moist/temp. control
- Wrinkle resistant
- Others

Quick Facts

We re-invent textile finishing & dyeing.

2 Granted patents
3 Provisional

~50 employees in 2 divisions:

- Technology Division
Machines/consumables,
Go-To-Market planned in 2022
- Consumer Division
end-products
2021 sales \$14.5m

Vote of Confidence



Strategic partner

DELTA GALIL
INDUSTRIES LTD.

Strategic partner

PURE DENIM

Strategic partner



Horizon 2020
Research and
Innovation programme

Grant provider

FASHION
FOR
D

Investor

2021 financial highlights

Increased invest in R&D

- 80% from \$532k to \$953k
- Up from 6 position on 12/2020 to 19 today

Cash on 12/2021 - ~\$20m

- Sufficient cash for 2+ years
- No debt (other than routine payables)

Product Division as source of cash

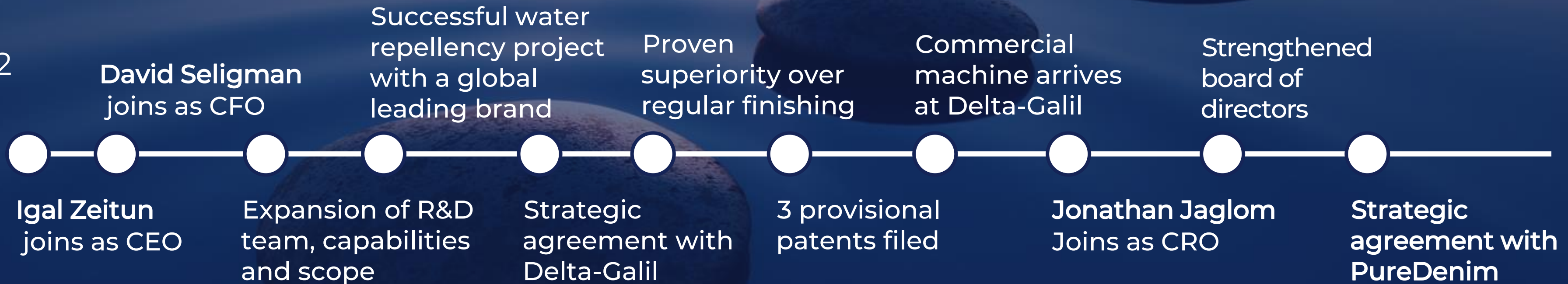
- 51% increase YoY from \$9.5m to \$14.5m
- Opportunistic project subject to COVID19 status

11



Milestones From IPO to date

12



Our Leading Team

13

Our Experience

STANDARD
TEXTILE

NIH
National Institutes
of Health

MERCK

Medtronic

stratasys

APPLIED
MATERIALS®
make possible

hp

VICTORIA'S SECRET

Landa

RADVISION®
Delivering the Visual Experience®

XJET

NLIR
MACROPRINTERS



Igal Zeitun
CEO



David Seligman
CFO



Jonathan Jaglom
CRO



Roy Hirsch
CBO



Liat Goldhammer
CTO



Dr. Aaron Garzon
VP R&D



Shmuel Rubin
VP R&D Systems



Shai Hershkovitz
COO



Yonati Davidson
VP HR

Advisory Board

14

Scientific advisory board



Prof. Allon Moses



Prof. Sidney Altman



Prof. Amos Adler



Executive advisory board



Lior David Maayan



Prof. Shuki Sheinman

Executive advisor



Board of Directors

15



Shuki Herchcovici
Founder,
Chairman of the board



Ohad Cohn
Board member



Rami Sasson
Board member



Vered Porat
Board member



Arie Zamir
Board member

The technology: The Power Of Sound

SONOfix™ machine **generates ultrasonic waves**



Ultrasonic waves **generate cavitation**



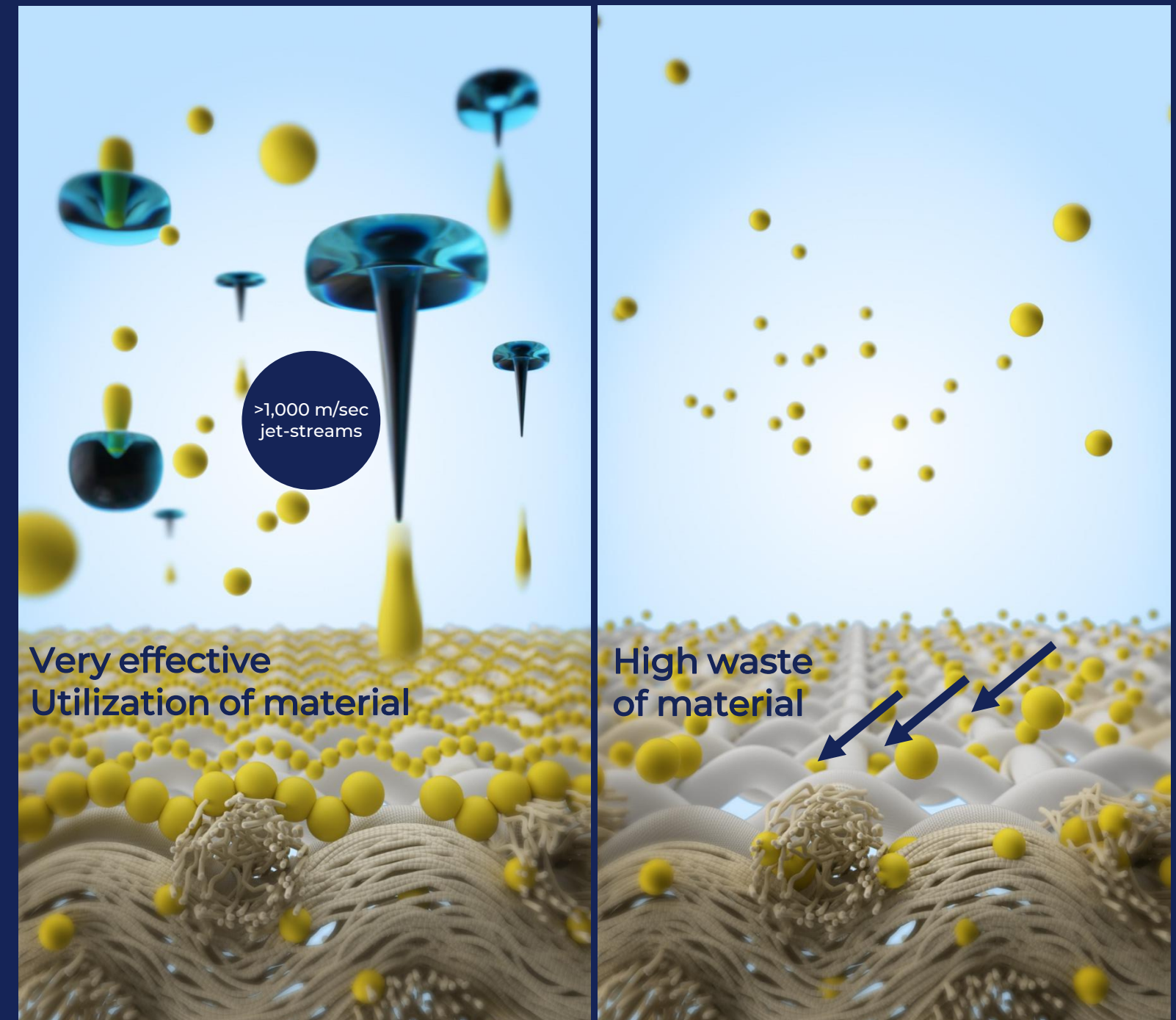
Cavitation bubbles implode, **high velocity jet-streams**



Jet-streams propel Sonovia chemistries onto the fabric

Sonovia

Traditional method



Sono vs. Regular Finishing

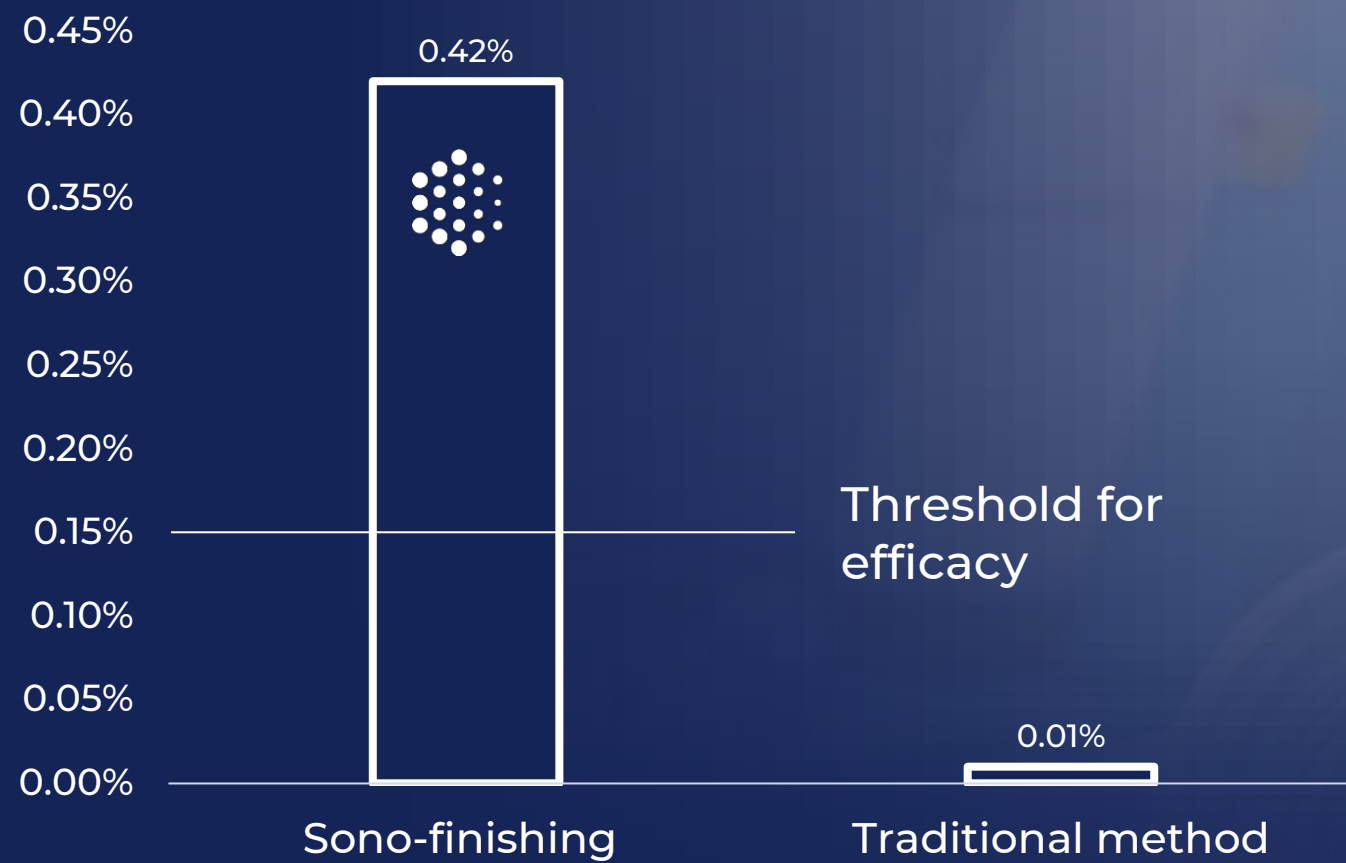
>X10 more durable

Anti-microbial content in fabric, %, After 50 laundries*

Superior performance

Water repellency rating, After 50 laundries*

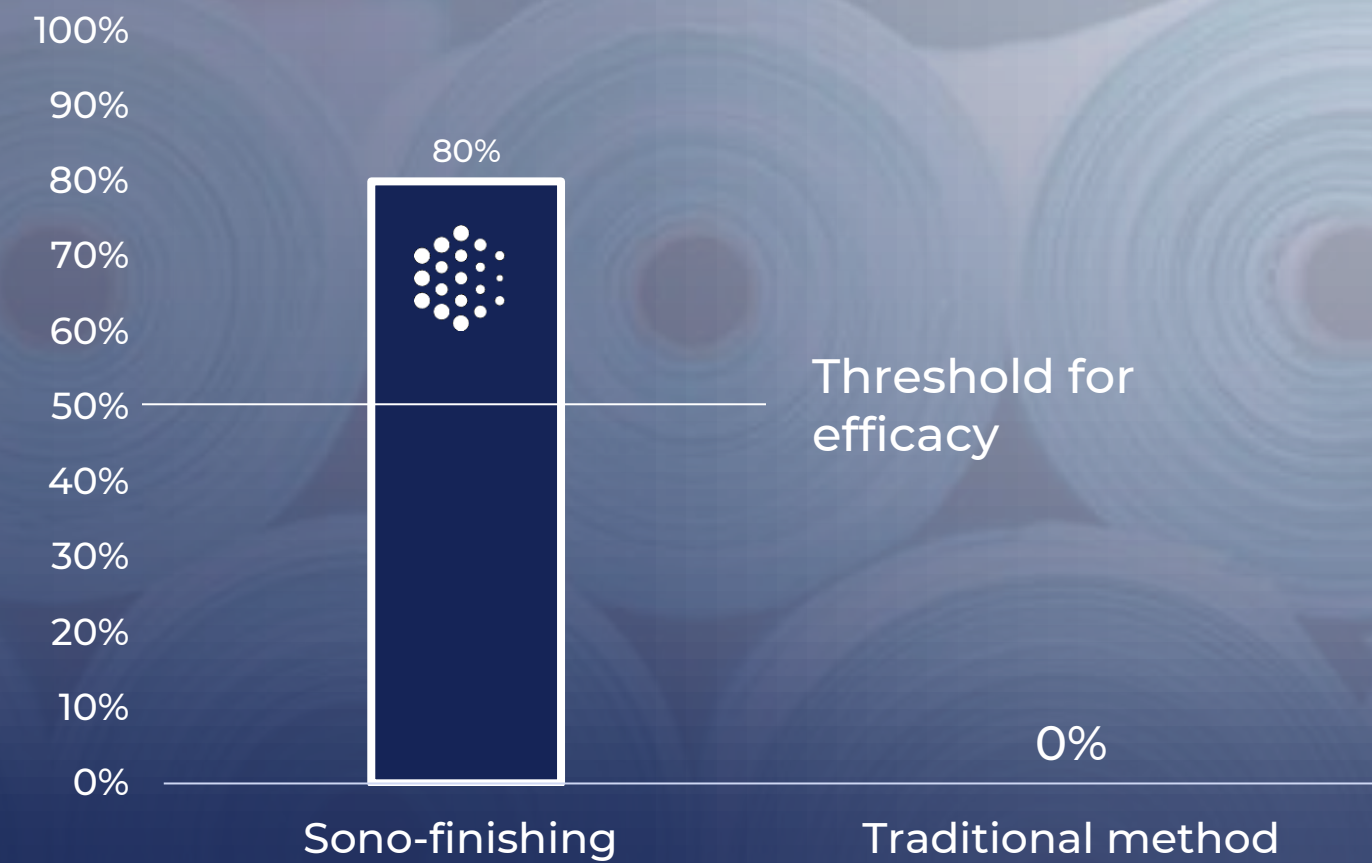
17



Sono-finishing

Traditional method

Same initial concentration was used



Sono-finishing

Traditional method

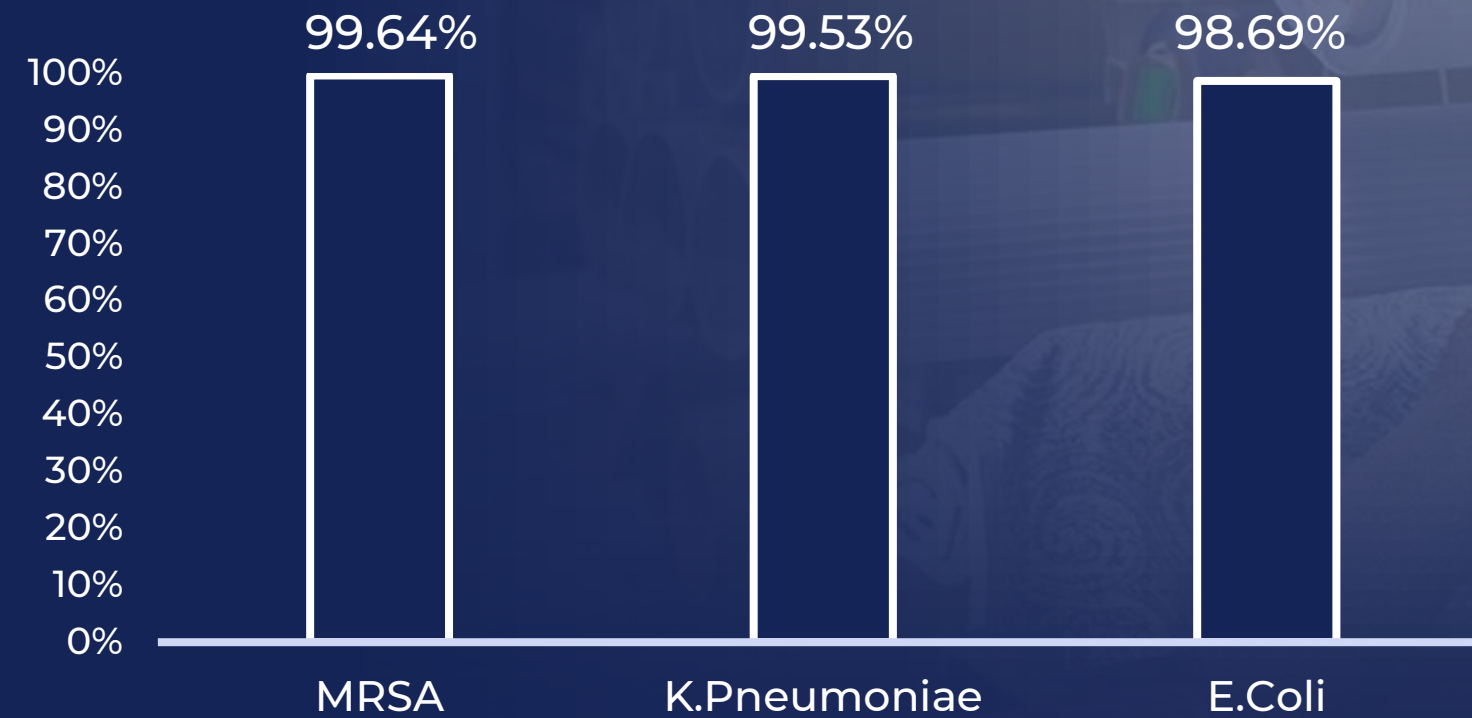
Same initial concentration was used



*Home laundries, 40°C, with Tide

Breakthrough performance in customer trials

efficacy after 75 washes, 60°C, at 2-hour exposure
ZnO sono-finished fabric



efficacy after 100 washes, 40°C, at 18-hour exposure
ZnO sono-finished fabric



18

Sonovia technology is disrupting the traditional textile industry



Exceptional durability



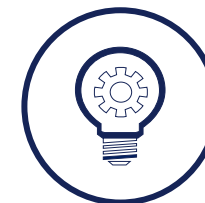
100%
Agnostic to fiber type



Clean & safe chemistry



Cost-competitive



Simple integration & operation

Sonovia SONOfix™ Machine

Enables applying both conventional chemistries & Sonovia's chemistries for ultrasonic impregnation

20



Sonovia's SONOfix™ machine is manufactured and supplied by Sonovia's strategic partner, BRÜCKNER Trockentechnik GmbH & Co. KG.

Sonovia's SONOfix™ can easily replace existing impregnation machinery.

Strategic partnerships



21

- **Based in Leonberg, Germany**
- Market leader in fabric finishing machinery
- >5,000 global installations

- **Based in Karmiel, Israel**
- Market leader in end-to-end manufacturing & supply solutions
- Serving global leading Athletic & Intimate wear brands

Our Products & Developments

We will revolutionise the textile market one application at a time.

22



BIOdome™
Anti-microbial/viral



BIOfresh™
Odor-control



everDRY™
water repellency



D(y)ENIM™
Indigo dyeing

Indigo dyeing

Collaboration With PureDenim, a globally renowned Denim manufacturer from Italy.

- **Opportunity to disrupt the Indigo dyeing market** and dramatically reduce chemistry, water and energy consumption
- **US\$1.3B annual** indigo dye market size
- POC due to end by July, 2022
- 1st installation at PD following successful scale-up of the POC

23

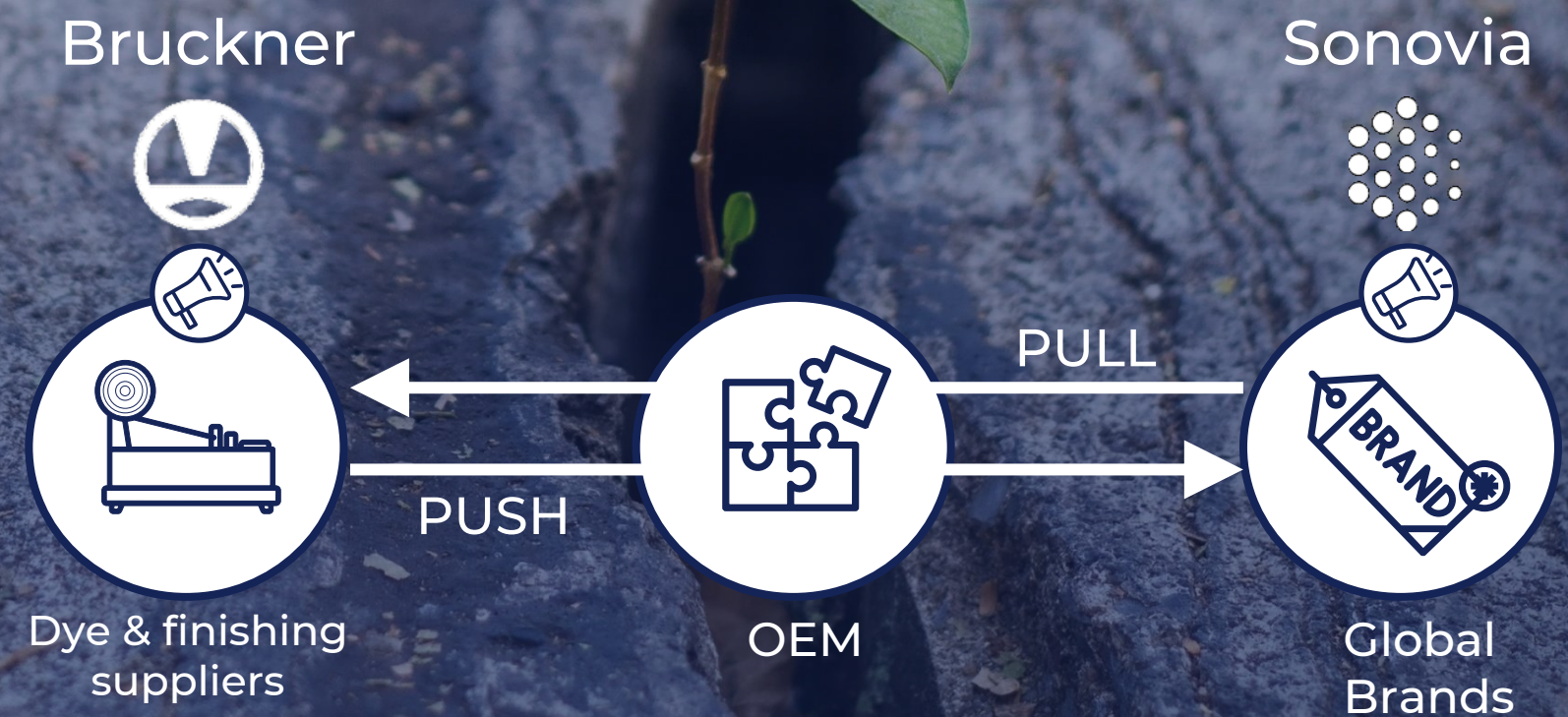
Gigi Caccia, Founder & CEO, PureDenim: *“The Sonovia-PureDenim collaboration is a fascinating one. The concept of leveraging Sonovia's technology in indigo dyeing can truly revolutionize this industry.”*

Our business model

“HP” / “Nespresso” model - One-time sale of SONOfix™ machine, with a long-term consumables supply contract.

Our partner Bruckner focus its marketing on global mills, while we'll focus our marketing on the brands.

24

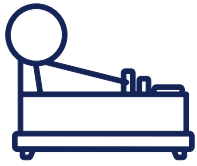


Sales Potential



Each SONOfix™ machine is expected to yield **>\$1m in annual revenue** from consumables.

25



~1,000 new impregnation machines are estimated to be sold annually around the globe, to a **total estimated install base of ~20,000 lines.**



Our partner Bruckner, holds a substantial market share and will be an important contribution for an expedite market penetration & growth.



Our Status & Projection

26





Join our revolution.

ir@sonoviatech.com

