

The logo for Aurora Sterilisation features the word "AURORA" in a dark blue, sans-serif font. A small teal dot is positioned to the left of the "A". The letter "A" is stylized with a teal dot at its top left. The letter "O" is replaced by a dark blue circle containing a teal dot. The letter "R" is stylized with a teal dot at its top right. The word "Sterilisation" is written in a smaller, dark blue, sans-serif font below "AURORA".

•AURORA Sterilisation

WE STERILISE WHAT OTHERS DEEM UNSTERILISABLE
AND WITHOUT CHEMICALS



Jan
LAARMAN



CEO

Entrepreneur & team leader



Thomas
PARIAS



CHAIRMAN

Entrepreneur, inventor, engineer



€16m raised since 2022



EIC Accelerator laureate
& support of the European Bank of Investment

IPCEI Tech4Cure laureate
= €12m subsidy of the French gov to replace EtO



26 employees

5 PhDs

Collaboration with
4 major European
universities

MOST CUSTOMERS IN LOW-TEMP STERILIZATION HAVE THESE PROBLEMS...



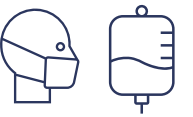
HOSPITALS FACE PERSISTENT INFECTION RISK

- ✗ Complex GI endoscopes impossible to fully decontaminate
- ✗ High-Level Disinfection (HLD) insufficient
- ✗ Contamination rates over 20% in surveillance studies;
- ✗ 100,000 patients infected despite compliance (EU, USA).



MANUFACTURERS FACE EtO PHASE-OUT

- ✗ Ethyle Oxide sterilizes ~50% of medical devices
- ✗ Carcinogenic → tightening EPA rules (2025–2028) & ECHA recommendations
- ✗ Risk of facility closures & supply shortages



NO SAFE, EFFECTIVE, ECO-FRIENDLY LOW-TEMPERATURE ALTERNATIVE EXISTS TODAY.
→ **LARGE UNMET NEED ACROSS HOSPITALS AND DEVICE MANUFACTURERS**

HOW THEY **SOLVE IT TODAY...**



HOSPITALS (REUSABLE GI ENDOSCOPES)

- ✗ Increased microbiological surveillance & testing
- ✗ Higher chemical use in High-Level Disinfection (HLD)
- ✗ Significant part of the endoscopes in quarantine or maintenance
- ✗ Costly lab fees + manufacturer repairs



MANUFACTURERS (TERMINAL STERILIZATION)

- ✗ Ethylene Oxide (EtO) with emission controls
- ✗ Investments in abatement technologies
- ✗ Ongoing efforts to reduce output
- ✗ Significant risk of operation disruption due to new regulations



THESE ARE COSTLY, TEMPORARY WORKAROUNDS - **NOT SUSTAINABLE SOLUTIONS.**

WHAT IF INSTEAD...



HOSPITALS DREAM OF...

- ✓ True sterilization of reusable GI endoscopes
- ✓ Compliance with regulation = tiny infection risk for patients (0,0001%)
- ✓ Eliminate costly surveillance, lab tests & repairs



MANUFACTURERS DREAM OF ...

- ✓ Quicker low-temperature sterilization
- ✓ Zero toxic emissions or residues
- ✓ Future-proof compliance without costly abatements



WHAT IF A SINGLE TECHNOLOGY DELIVERED TOTAL PATIENT SAFETY AND TRUE ENVIRONMENTAL SUSTAINABILITY **WITHOUT COMPROMISE ?**

THAT'S **US.**



FOR HOSPITALS :

- ✓ Terminal sterilization of reusable GI endoscopes
- ✓ Eliminates residual contamination risk
- ✓ Ends expensive surveillance, lab tests & repairs



FOR MANUFACTURERS

- ✓ Powerful low-temperature sterilization
- ✓ Zero toxic emissions or chemical residues
- ✓ Smaller WCR



**WE DELIVER TOTAL PATIENT SAFETY AND TRUE SUSTAINABILITY
- IN ONE PROVEN SOLUTION : NATURAL PLASMA**

HOW WILL WE BE A **MULTI-BILLION** DOLLAR COMPANY?



Near-Term: Hospital Reprocessing Market

Capture share of \$3B+ global endoscope reprocessing market

Replace costly HLD surveillance with true sterilization

High-margin recurring cycles + service



Mid-Term: Industrial Terminal Sterilization

Scale to contract sterilizers & device manufacturers

Replace EtO for heat-sensitive single-use devices

\$10B+ addressable as EtO phase-out accelerates (EPA 2026–2028)



Long-Term: Platform Expansion

Expand to food, pharma, aerospace, electronics, archives

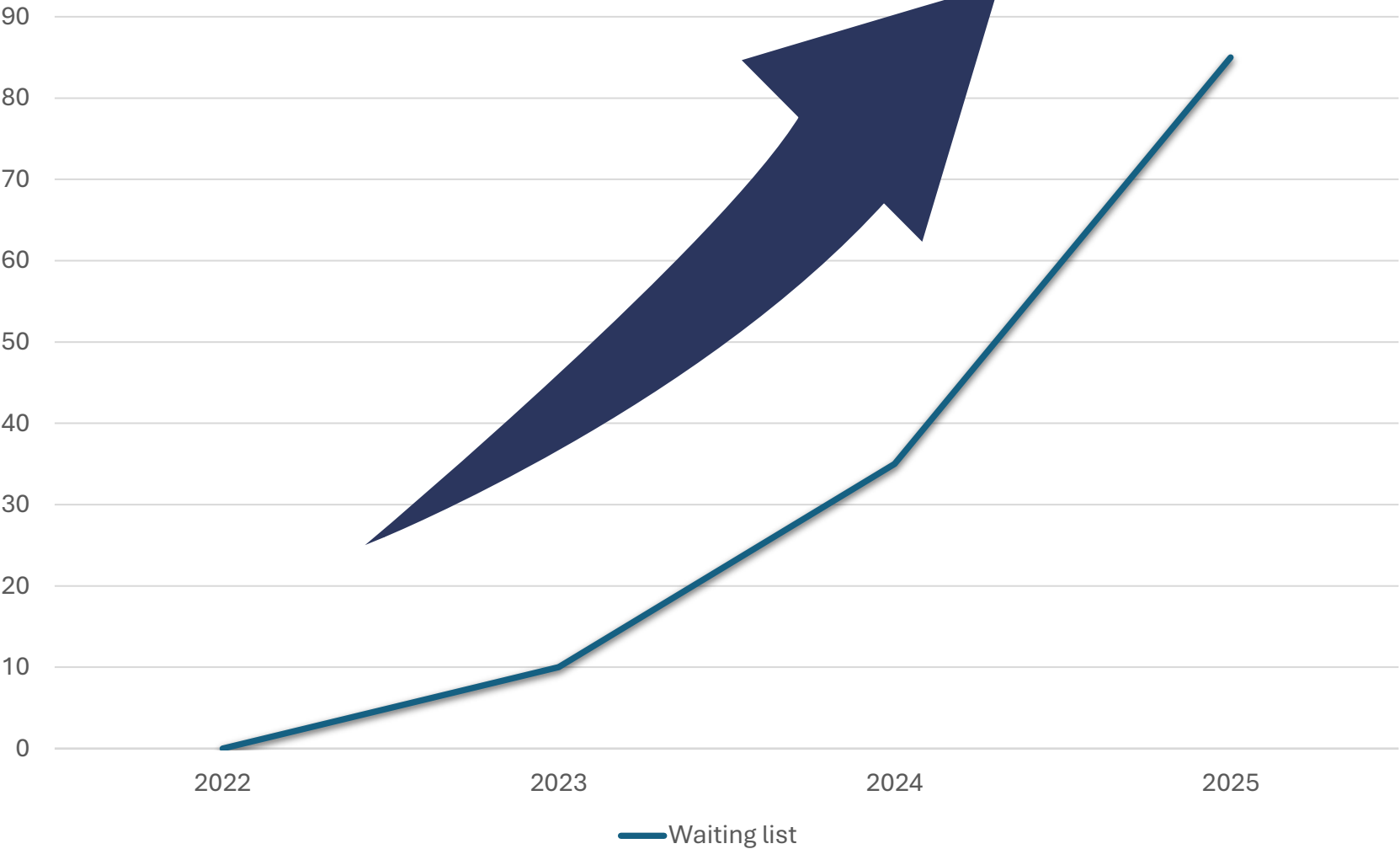
Pure cold plasma platform: patented, residue-free, eco-friendly

Global licensing + new applications

**WE ARE BUILDING “TESLA FOR STERILIZATION”
THIS IS A \$25B INDUSTRY, TOTALLY BROKEN**

SO FAR, SO GOOD

Waiting list



WHY WE'RE GOING TO WIN



**First innovation
in sterilization
since the 1990s**



**Unique technology
with industrial black box
and strong patents**



**Strong interest from
strategic partners**

WE ARE RIDING THE WAVE



Lawsuits in the US for endoscope contamination:

\$85m fine

for Olympus (2018)

\$43m fine

for Pentax (2020)

non disclosed fine

for Fujifilm (2016)



700¹

EtO related lawsuits in
courts across the US

640

type of devices undergoing EtO sterilization
affected by plants closures in 2019-2020

¹ Sterigenics settled its litigations in Georgia and Illinois for \$443m in 2022-23



WHY NOW ?



Post COVID obsessed the minds about infection-control



Environnemental concerns are a death warrant for EtO

WHY ARE WE THE ONES TO DO IT

LEAD TEAM



Jan
LAARMAN

CEO

Entrepreneur & team leader



Thomas
PARIAS

CHAIRMAN

Entrepreneur, inventor, engineer



Dr Sandrine
VILLEGER

SCIENTIFIC DIRECTOR

Plasma physicist, inventor



Dr Sarah
SADOUNI

R&D DIRECTOR

9+y of expertise in plasma physics
& entrepreneurship



Florian
PAUPERT

RAQA DIRECTOR

11+y of expertise in QMS
certification and regulatory approval



Alaric
LALLOUET

INDUSTRIAL DIRECTOR

10+y of expertise in industrialisation
and operations in healthcare



Christophe
BOYER

SALES DIRECTOR

11+y of expertise in endoscopy



SCIENTIFIC BOARD



Pr Marie-Paule
GELLÉ

MICROBIOLOGIST AND
INVENTOR



Dr Marc
LAURENT

CHAIRMAN OF THE FRENCH
STERILIZATION SCIENTIFIC
SOCIETY



Hervé
NEY

CHAIRMAN OF THE SWISS
STERILIZATION SCIENTIFIC
SOCIETY



Dr Son Luu
PHAN

BIOMEDICAL ENGINEER &
STERILIZATION EXPERT



Dr Lionel
PINEAU

ENDOSCOPES
REPROCESSING EXPERT



Dr Christophe
LAMBERT

HOSPITAL STERILIZATION
EXPERT

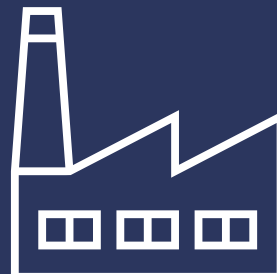
WHERE WILL WE BE IN 2030 IF YOU GIVE US **\$40M IN 2027** ?



Break-even expected **in Q2 2027**



Sales objectives in 2030 : **\$300m**



AND IF YOU'RE STILL NOT CONVINCED...

Q2 2026:

\$6m contract with our first **major customer**
[Tier 1 US world player] for replacement of EtO

CONTACT

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• **AUROL**
Sterilisation

ANNEX: WHAT IS NATURAL PLASMA ?

NATURAL PLASMA STERILIZATION PROCESS

NATURAL PLASMA CREATION PROCESS

1

Initial stage

- Gas (O_2) at ambient temperature
- No reactive oxygen species in the gas

2

Ionization of O_2

- Plasma obtained with a magnetic field
- High concentration of reactive species in the plasma

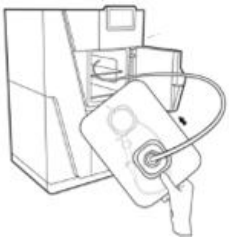
3

Cold plasma stage

- Overall temperature remains low
- Sterilizing plasma thanks to highly reactive species

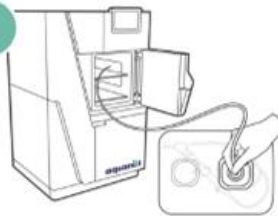
AURORA'S AQSANIIT STERILIZATION PROCESS

3



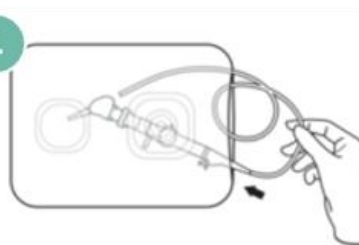
Aqsaniit machine sterilizes up to 2 items per cycle, which come out ready to use after 1 hour only

2



Ionizing non-toxic gases to make cold plasma, and injection throughout the sterilization cycle

1



Items are encased in single-use packaging (proprietary Sterile Barrier System), suitable for hospital practices

