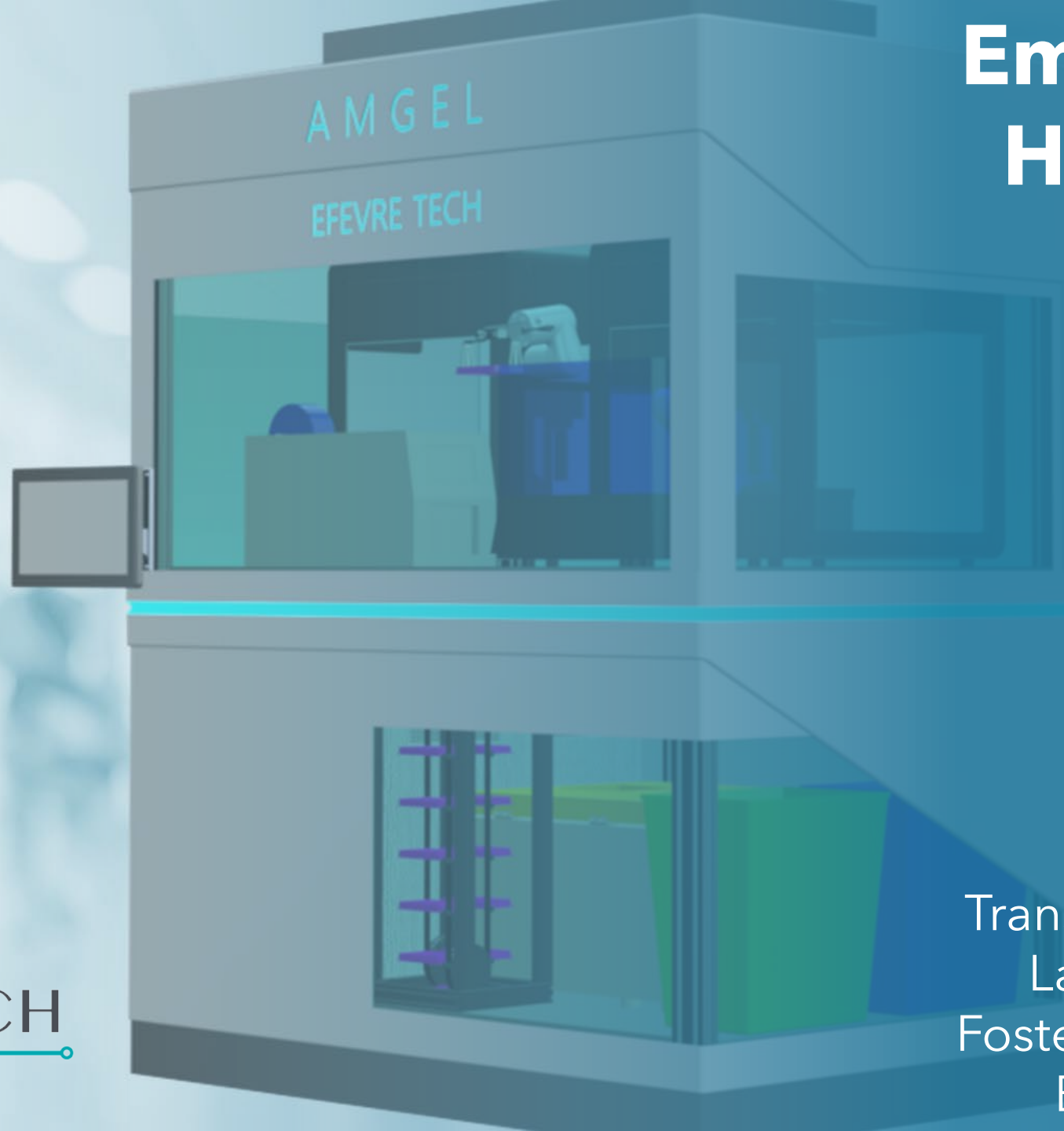


# Empowering Healthcare



Transform Life-Science  
Laboratories and  
Foster Reliable Medical  
Breakthroughs

PROBLEM

# Life-Science Researchers Struggle With Non-Reproducible Results

wrong measures

"small mistakes"

missing cycles

inexperience

pressure

fatigue

# Reproducibility crisis

## ✘ PROBLEMS


 **70% Non-repeatable results**

 **Long time to market for new drugs**  
(10-15 yrs avg)

 **Inadequate lab automation solutions**

## ➔ OUTCOMES

 \$28 Billion loss annually

 Needed drugs not available with insufficient data based on the research

 **Untapped market for everyday benchwork**

SOLUTION

# Transforming Life Science Research

Empowering researchers for reliable, reproducible medical breakthroughs

AMGEL 247 Pro  
the only automation  
robot for  
**everyday work!**



**Versatile:** Automate endless procedures

**Autonomy:** The only solution to offer full **autonomy and 24/7 automation**

**AI powered software** develop any automated protocol and utilize the AI capabilities

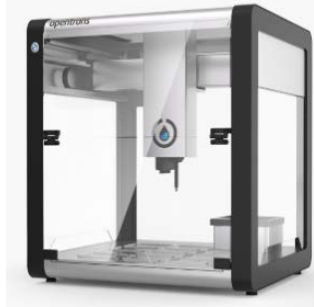
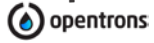
**Modular:** Add components at different stages

**Compact:** Full lab in 3 cubic meters



# Global collaborations

Liquid handler



Robotic arms



Liquid handler with error detection



Refrigerated centrifuge



Magnetic module



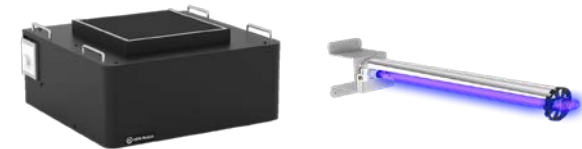
Plate sealer



Plate seal remover



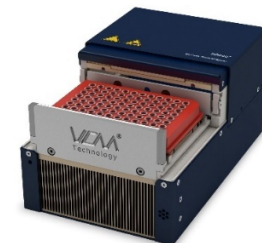
Sterilization system (HEPA and UVC)



Temperature module



PCR  
inheco



Bioshake



Robotic fridge/freezer



# Global collaborations

Vacuum manifold



Quantitative PCR



Incubators



Photometer



Tube capper/decapper



Barcode scanner for cryovials



Barcode scanner for microplates



# Endless Flexibility!

LIMS  
ELN



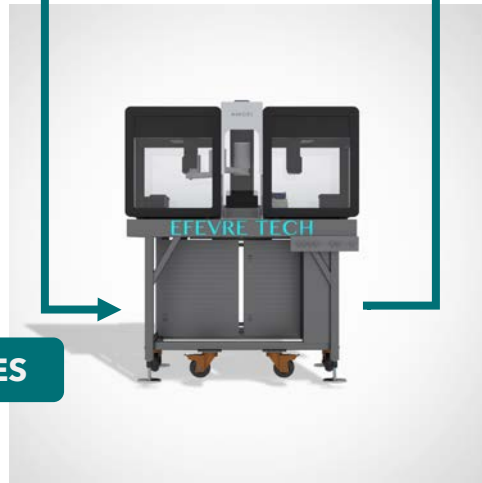
CLOUD HOSTED DATABASE

AI  
ML



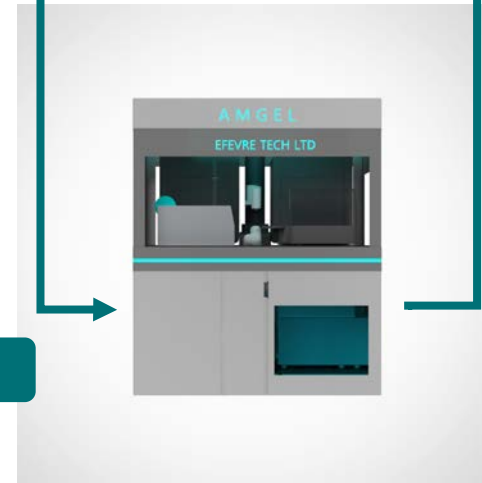
Cell Preparation

SAMPLES



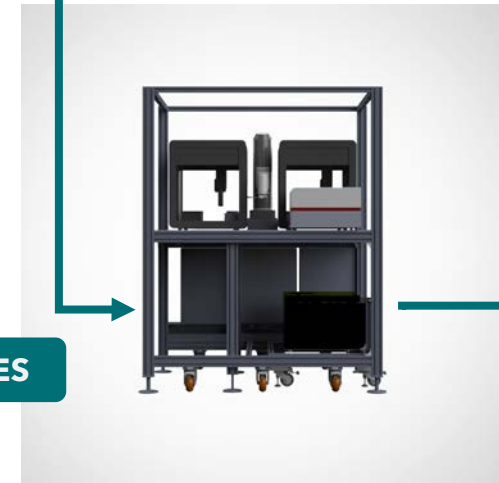
Extraction

SAMPLES



Everyday Procedures

SAMPLES



Detection

# Operating on a B2B model with innovative lab automation technology and versatile solutions.

## CORE PRODUCT

STARTING FROM

**€375,000/unit**

 AMGEL 247 Pro

- » All the features and benefits of the AMGEL device
- » Direct selling and distributors network
- » Special customization at additional costs

## SECONDARY SERVICE

STARTING FROM

**€46,000/yr/unit**

 Maintenance & Consumables

- » Regular maintenance
- » Supply of consumables
- » Software Customization
- » Software maintenance

## PLANNED FOR 2025

STARTING FROM

**€1,200/yr/user**

 AI software

- » Sales of research data to biotech companies
- » AI software for research facilities



MARKET

# Tapping a Global \$107B Market by 2030

OPPORTUNITY

# \$107B


Life sciences market in 2030


# 88,000

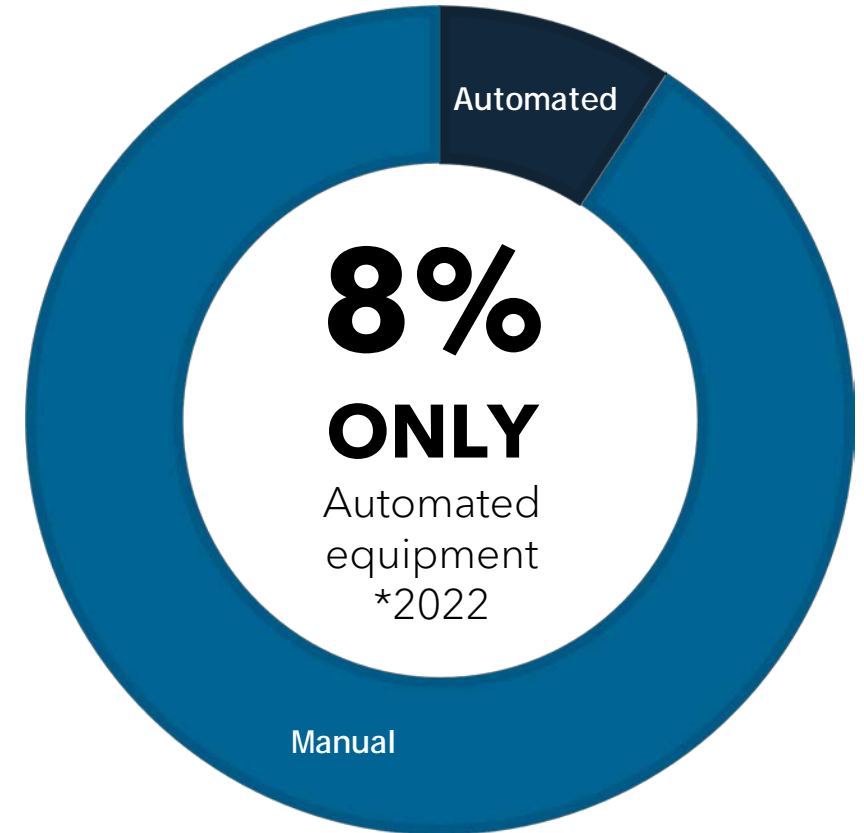
**Life Science Laboratories**

GROWTH DRIVERS

 Increasing Funding in Life Sciences and Drug discovery

 Government Initiatives to Strengthen laboratories for pandemic preparedness

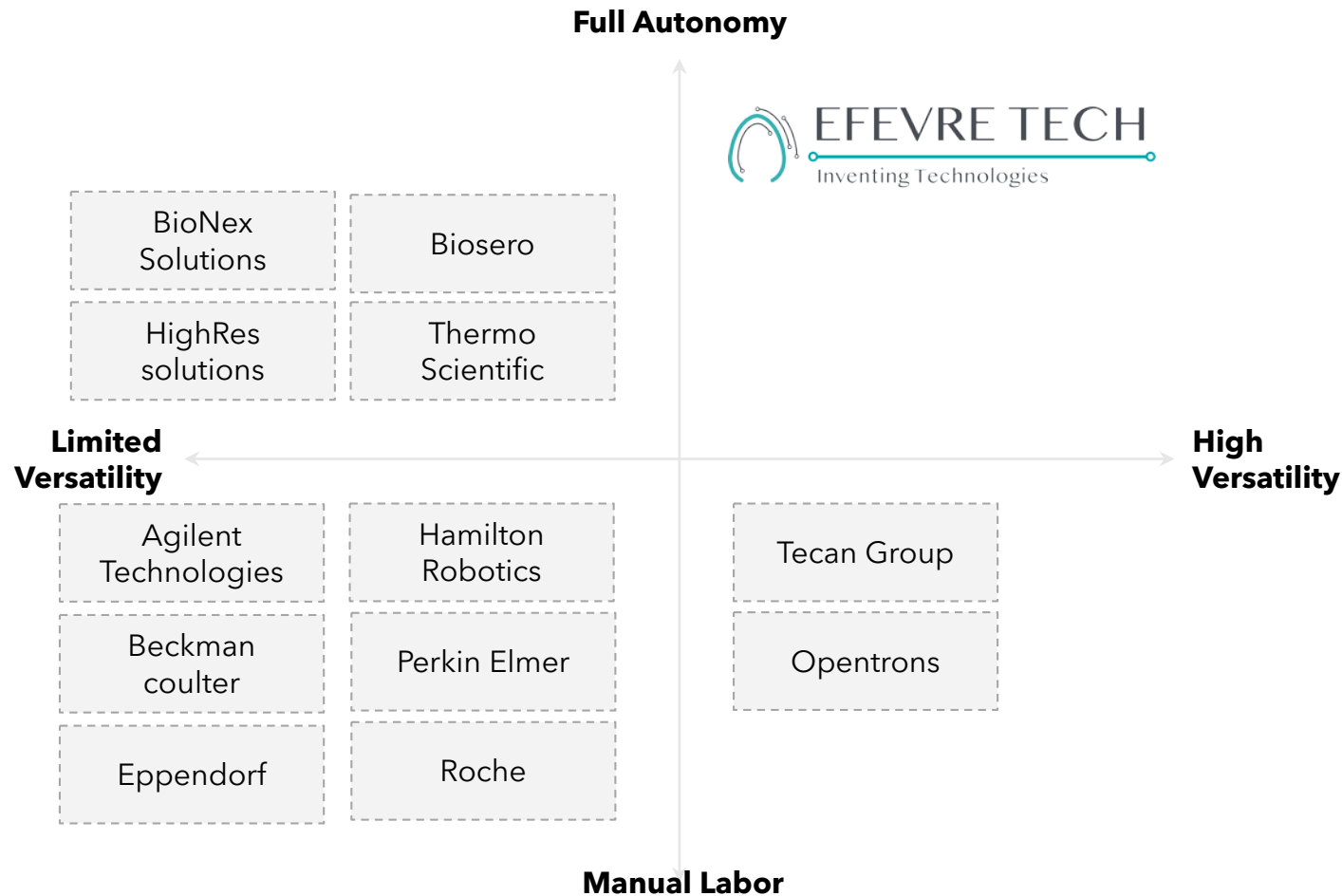
 Global increase in DNA analytical methods



ADVANTAGE

# Lab Automation Against All Odds: Redefining the Game

Leveraging on deep understanding of the needs of life science everyday research laboratories to provide the needed solution



## LEADERSHIP OVER COMPETITION

Costs

**40%**

less than leading automation manufacturers

**X10**

Higher productivity per machine

## TRACTION

# From Idea to Pilot to MVP with Full Readiness to Capture the Market







FOUNDED Q1 2018

Completed

- Pilot completed in 2020
- MVP sold in 2021
- Acquired USA provisional patent
- Filed European Utility patent

Q1 2023

 In Progress

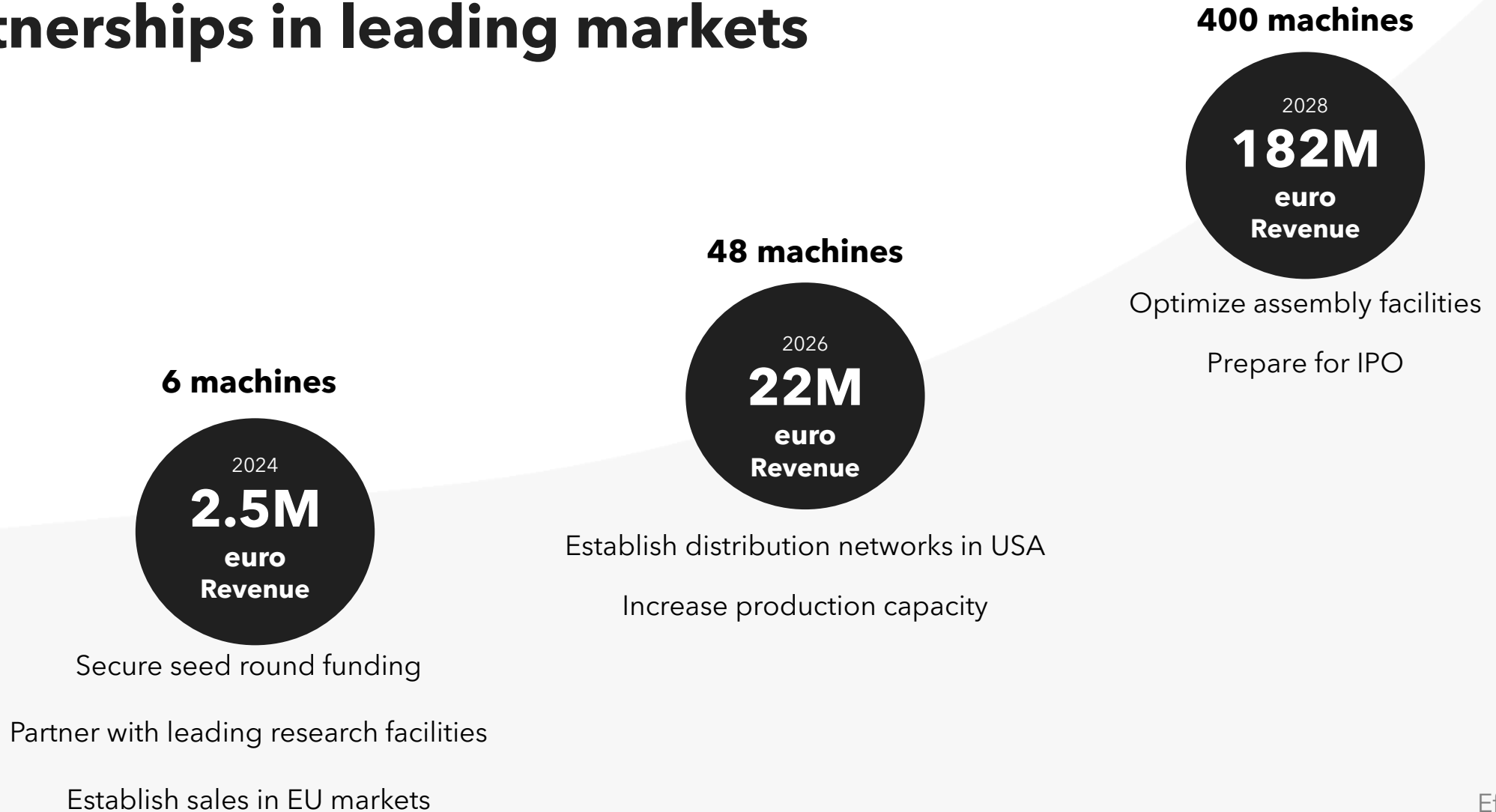
-  Raising seed funding
-  Finalize AMGEL 247 Pro technology
-  Developing distribution networks
-  Obtaining CE certificate
-  Expanding sales in EU
  
-  Execute POC studies

2024-2029

Planned

- Complete R&D by Q2 2024
- Go-To-Market in Q3 2024
- Expand to US in 2026
- IPO in 2029

# Driving growth with strategic partnerships in leading markets



TEAM

# Pioneers at the Helm of Laboratory Automation Revolution



**Co-Founder & CEO**  
**Dimitris Kyriakou**

PH.D in Molecular Biology

Visionary - Transforming life science research

Expertise in biotechnology and basic research.



**Co-Founder & CTO**  
**Constantinos Odysseos**

BSc in Mechanical Engineering

Specialises in Industrial Design & Manufacturing

## R&D TEAM



Robotic Engineer

Marios Konstantinou



Refrigeration Expert

Nektarios Taliadouros



Product Designer

Rafaella Hadjicosti



Automation Engineer

Filippos Onisiforou



Full Stack Engineer

Andreas Georgiou

## SALES TEAM



Sales Engineer

Antrea Plastira

## FINANCIALS



Financials

Kyprianos Photiou

## ADVISORY BOARD



Consultant

Nikolaos Pisimisis, PhD



Consultant

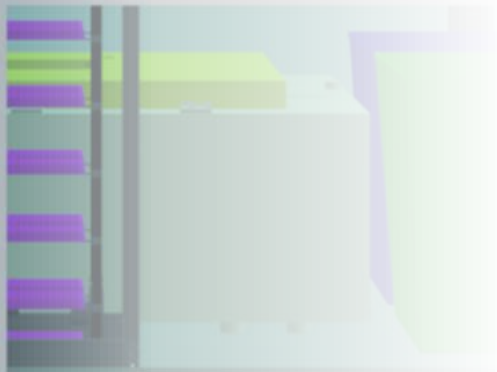
Antonios Chatzigeorgiou, MD, PhD





AMGEL

EFEVRE TECH



EFEVRE TECH

Inventing Technologies

FIND US AT



104 Kyklikei Leoforos  
6056 Larnaca, Cyprus



[www.efevre.com](http://www.efevre.com)



+357 24 366 277



[info@efevretech.com](mailto:info@efevretech.com)