



Contact us for more details

"The best time to plant a tree was ten years ago,
the second best time to plant a tree is now"

"Whoever watches the wind will not sow, and
whoever looks at the clouds will not reap".

Thank you for your attention

Team DABO

探索我们的创新原型

我们很高兴向您介绍 **Dabo Technology**, 这是一种突破性的空气和表面消毒系统, 旨在满足最高的卫生和安全标准。该技术专为医院、办公室和学校等应用场景开发, 致力于树立可持续消毒的新标杆。

在本次演示中, 您将了解我们的空气消毒原型, 专为高污染风险环境设计:

- **空气管道模块** – 适用于集成到HVAC系统中。
- **便携式独立单元** – 一种便携且独立的空气消毒解决方案。

两种系统都采用先进的UV-C紫外线辐射, 结合磁场技术, 高效消除病原体, 同时保持低能耗。



Revolutionary Sanitization with Dabo Technology – Discover Our Prototype



www.dabohts.eu

Discover Our Innovative Prototypes

We are excited to introduce **Dabo Technology**, a groundbreaking air and surface sanitization system designed to meet the highest hygiene and safety standards. Developed for applications in **hospitals, offices, and schools**, our technology aims to set a new benchmark in sustainable sanitization.

In this presentation, you will find details on our air sanitization prototypes for **high-contamination risk environments**:

1. **Air Duct Module** - Designed for integration into HVAC systems.
2. **Compact Standalone Unit** - A portable, independent air sanitization solution.

Both systems leverage **advanced UV-C radiation combined with magnetic fields** to eliminate pathogens effectively while maintaining low energy consumption.



Dabo Technology: Advanced Sanitization Solutions

Competitive Advantages

- ◆ **Higher Efficiency:** Utilizes UV-C and magnetic fields for **enhanced pathogen elimination**.
- ◆ **Energy-Saving:** Up to **30% less energy consumption** compared to conventional UV-C systems.
- ◆ **Versatility:** Suitable for **air and surface sanitization** across multiple industries.
- ◆ **Remote Monitoring:** Smart control system allows for **real-time tracking and remote adjustment**.
- ◆ **Certified Results:** Independently tested and verified by leading research institutions.
- ◆ **Sustainable:** Designed for **eco-friendly sanitization** with minimal waste production.

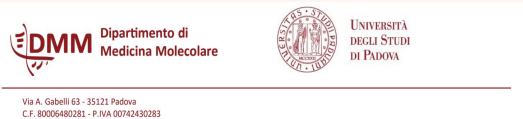


竞争优势

- ◆ **更高效能**：利用UV-C和磁场技术，实现更强的病原体消除效果。
- ◆ **节能省电**：相比传统UV-C系统，能耗降低高达30%。
- ◆ **多功能性**：适用于多个行业的空气和表面消毒。
- ◆ **远程监控**：智能控制系统支持实时监测和远程调整。
- ◆ **认证结果**：经过领先研究机构的独立测试和验证。
- ◆ **可持续性**：环保设计，减少废弃物产生，实现绿色消毒。

Research and development

Department of Molecular Medicine



Department of Physics



Department of Industrial Engineering



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List of viruses and bacteria eliminated thanks to Dabo technology and its filter:

- legionella
- salmonella
- Covid-19
- Hsv1
- gram + bacteria

elimination of bacteria in operating rooms:

- staphylococcus aureus,
- streptococcus,
- klebsiella pneumoniae
- escherichia coli
- staphylococcus epidermidis,

Enterobacteria:

- Proteus mirabilis,
- Citrobacter freundii,
- Acinetobacter,

Other bacteria tested and eliminated with Dabo technology:

- Proteus mirabilis,
- Citrobacter freundii,
- Acinetobacter spp,
- Pseudomonas aeruginosa,

Gram-positive bacteria:

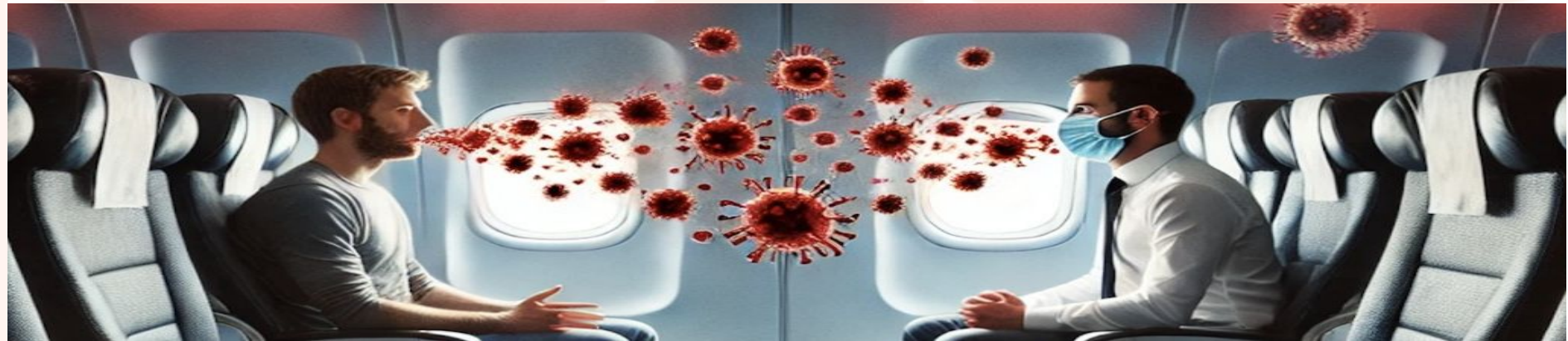
- Enterococcus spp,
- Staphylococcus epidermidis,
- Streptococcus pyogenes

Fungi in general

Molds: Aspergillus.

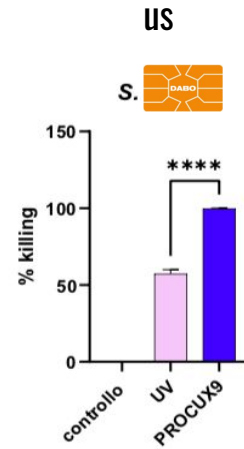
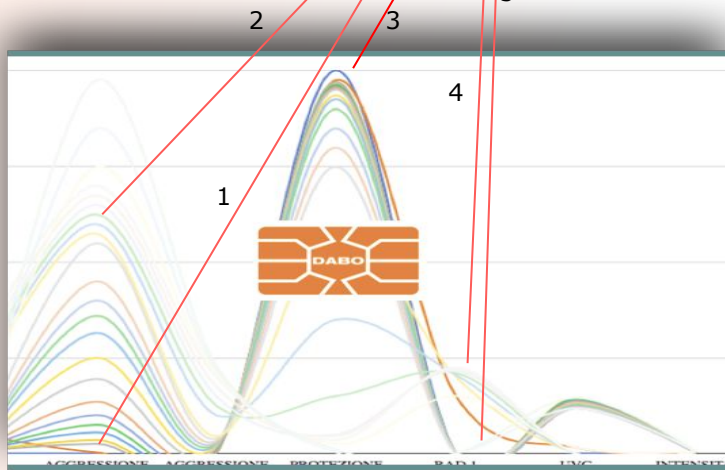
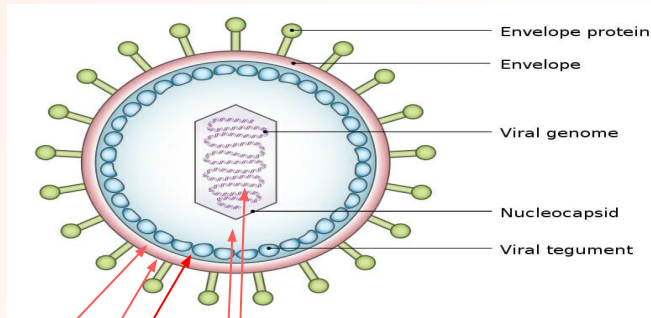
Influenza virus.

mushrooms and insects

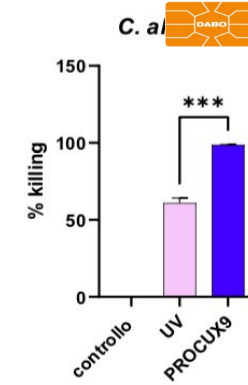


新 DABO 频率

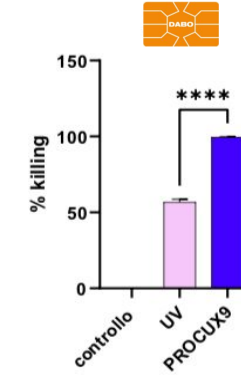
Advantages compared to UVC lights



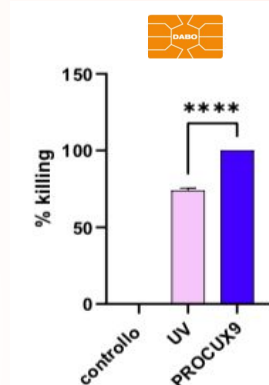
Non-lethal virus



Gram+ bacteria



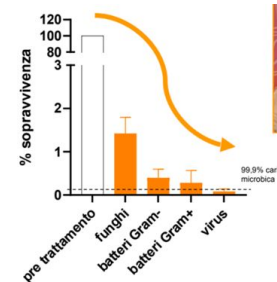
Gram- bacteria



Studies have been carried out at **University of Padua**

How It Works

- Captures contaminated air.
- Filters particles as small as **0.01 μm** .
- Exposes air to a combination of **UV-C radiation and magnetic fields**, neutralizing pathogens.
- Releases sanitized, purified air back into the environment.



- **Faster**
- **More efficient** (can reach **hidden** areas)
- **Energy saving** (up to **30%!**)

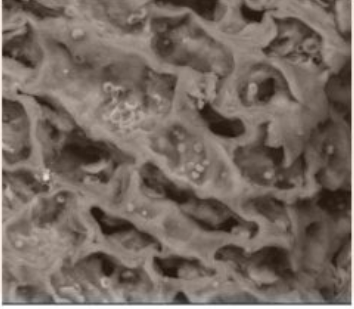


Treated with e-bot7.3 radiation - Tested by Ind.Eng.Dept. nn.03.2023

Conclusion: disintegration of viruses and bacteria with 99.99% efficacy preventing replication

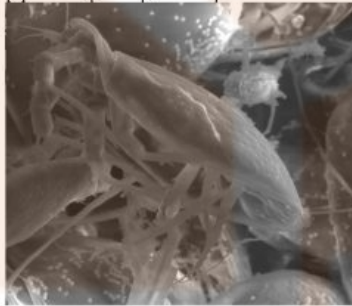
Pre-treated air (what we breathe)

Analysis of filter with micro-organisms unable to replicate



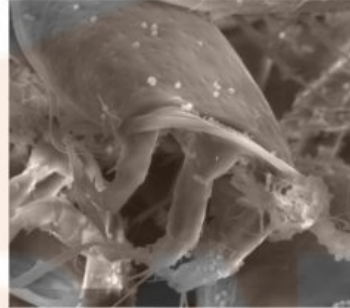
Micro-organism in the filter

Inactive micro-organism after 7.3 irradiation



Sample 2. taken in January 2023

Treated with e-bot7.4 radiation after 24 hours

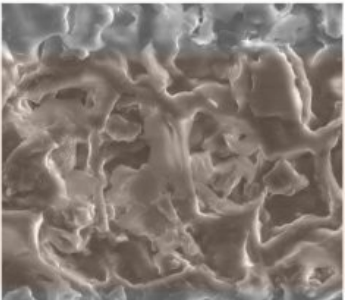


Treated with e-bot7.4 radiation after 24 hours - Tested by Ind.Eng.Dept. nn.03.2023

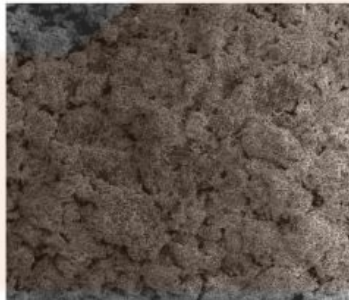
Conclusion: no contamination

FILTER TREATED AFTER 24 HOURS

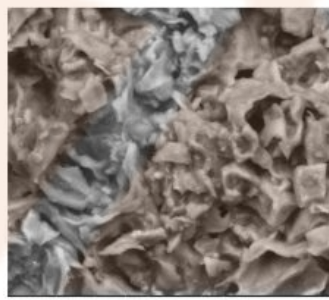
0,50µm



1µm



0,50µm

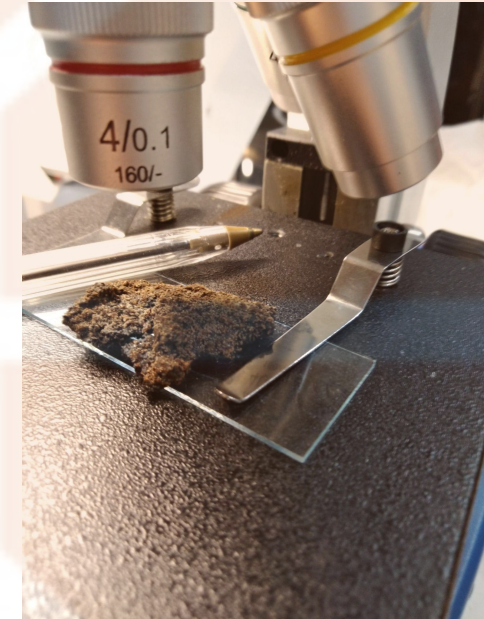


DABO air filter

positioned inside the sanitization module

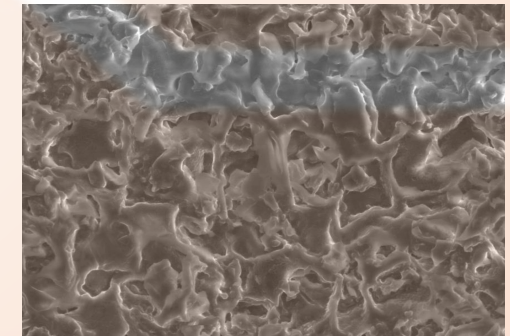
Features:

- 100% eco-sustainable
- 100% recyclable (after E-Bot treatment)
- molecular decay: after 4000 hours of activity



0,01µm

0,01µm



Stefano Bottesin

Successful businessman with extensive experience in **system certification, magnetic fields, and mechatronics**. Expert in **broadcasting, radio frequencies, and advanced kinetics**. Proven track record of developing innovative technologies and securing multiple patents related to electronic payment systems, automation, and sanitization technologies.

Work Experience

Founder & Innovator

Dabo Technology & Related Ventures | 7 Years of Activity]

- Developed **cutting-edge mechatronic solutions** for automated systems.
- Specialized in **electronic board design** for intelligent automation.
- Pioneered advancements in **contact and contactless payment systems**.
- Created innovative **sanitization technologies** for air and surfaces using magnetic fields and UV-C.
- Conducted research and **real-world verification of virus elimination**, achieving a **99.99% effectiveness rate**.

System Certification Technician & Expert Consultant

Freelance | 33 Years of Activity]

- Assisted companies in achieving **industry certifications**.
- Provided **technical consultancy** in mechatronics and magnetic field applications.
- Developed and optimized **e-money and payment systems** for vending and automation.

Patents & Technological Innovations

- **1982**: Application of the **DABOCARD EEPROM** to contact key payment systems.
- **1987**: Design and manufacture of **electronic boards** for machine automation, making them intelligent.
- **1988**: Development of a **bidirectional GSM connection** for machines, enabling smart capabilities (**patented in 2002**).
- **2003**: Creation of an **advanced e-money system** with a two-way connection.
- **2019**: Patent for a **germicidal device** applied to air and surfaces.
- **2021**: Patent for **air and surface sanitization technology** using **magnetic fields and UV-C**. Conducted **virus elimination tests** on various materials with a **99.99% effectiveness rate**.
- **2023**: Patent currently under evaluation.

Technical Skills & Expertise

- **System Certification & Compliance**
- **Magnetic Field Applications**
- **Mechatronics & Automation**
- **Electronic Payment & E-Money Systems**
- **Broadcasting & Radio Frequency Engineering**
- **Advanced Kinetics & Energy Applications**
- **UV-C & Magnetic Field-based Sanitization**





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斯特法 诺·博特辛 (Stefano Bottesin)

成功的企业家，拥有丰富的系统认证、磁场技术和机电一体化经验。精通广播、射频技术和先进动力学。在电子支付系统、自动化和空气/表面消毒技术方面取得了多项创新成果，并拥有多项专利。

工作经验

创始人 & 创新者

Dabo Technology及相关企业 | 7年

- 研发先进机电解决方案，用于自动化系统。
- 专注于电子控制板设计，提升设备智能化。
- 在接触式和非接触式支付系统领域取得突破性进展。
- 研发基于磁场和UV-C的空气与表面消毒技术。
- 进行病毒消杀研究和实际验证，达99.99%的消杀率。

系统认证技术员 & 专家顾问

自由职业 | 33年

- 帮助企业获得行业认证。
- 提供机电一体化和磁场应用的技术咨询。
- 研发并优化电子支付和自动售货机自动化系统。

专利 & 技术创新

- **1982年**: DABOCARD EEPROM技术在接触式支付系统中的应用。
- **1987年**: 研发电子控制板，用于自动化设备智能化。
- **1988年**: 开发双向GSM通信技术，赋予设备智能功能（2002年获专利）。
- **2003年**: 创建先进双向电子支付系统。
- **2019年**: 空气和表面消毒装置专利。
- **2021年**: 磁场+UV-C空气与表面消毒技术专利，病毒消杀率达99.99%。
- **2023年**: 专利正在评估中。

技术专长

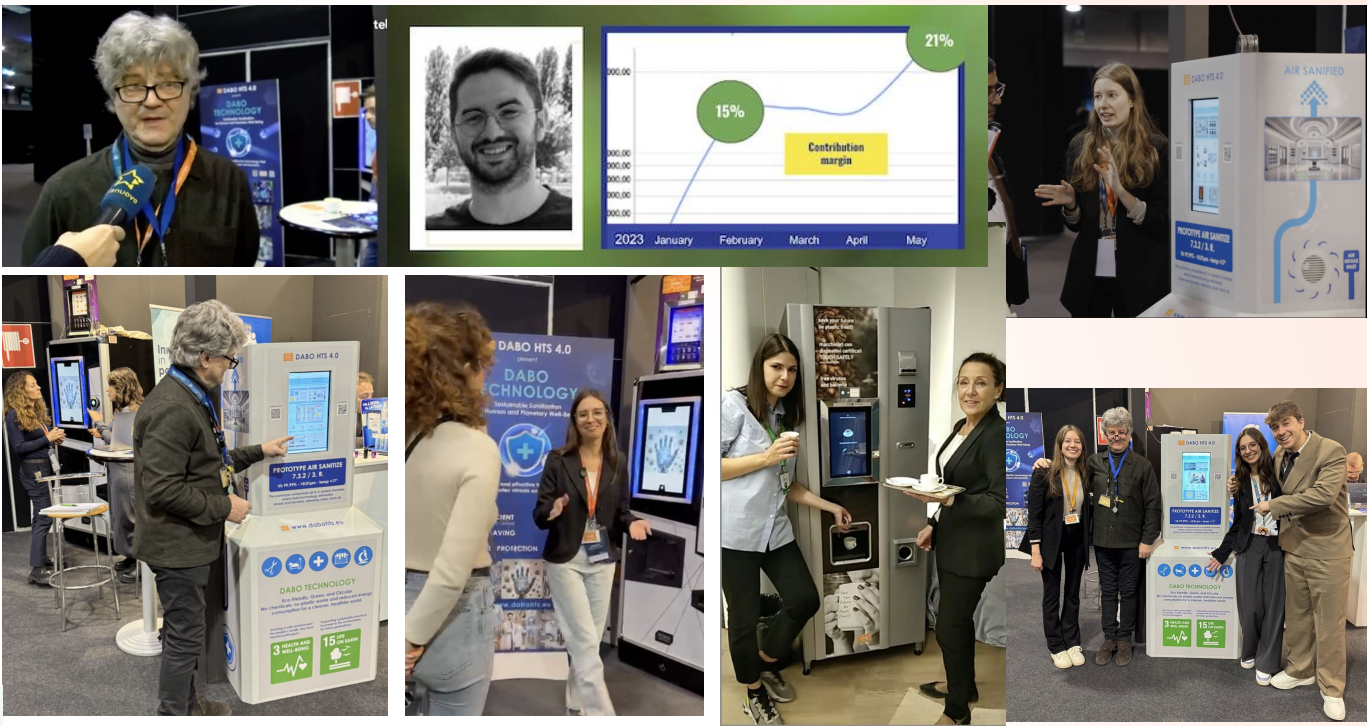
- 系统认证 & 规范合规
- 磁场应用
- 机电一体化 & 自动化
- 电子支付 & 电子货币系统
- 广播 & 射频工程
- 先进动力学 & 能源应用
- UV-C & 磁场消毒技术

Dabo Technology: A Growth Driver for Dabo Srl

The innovation of **Dabo Technology** has revolutionized the sanitization sector, leading to exponential growth for **Dabo Srl**. Over the past **two years**, thanks to the installation of **Touch Safely** devices on **vending machines in hospitals, schools, and businesses**, the company has achieved a **progressive annual revenue increase of 200%**.

This growth was made possible because **Touch Safely** provided an **unmatched economic and quality advantage**, ensuring a safer and more hygienic experience for users while companies benefited from a cutting-edge service.

Now, with this successful experience in Italy, **Dabo Technology** is ready to bring its advantages to China.

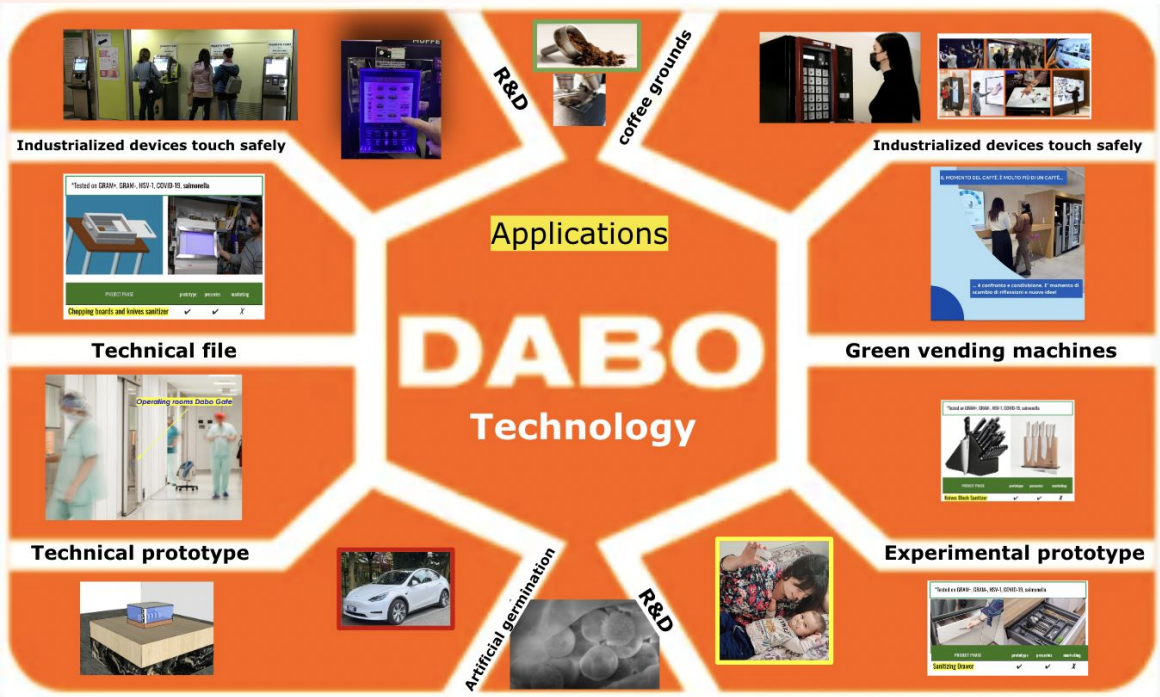


Dabo Technology: 推动 Dabo Srl 增长的动力

Dabo Technology 的创新彻底改变了消毒行业，使Dabo Srl 实现了指数级增长。在过去两年里，由于Touch Safely 设备安装在医院、学校 and 企业的自动售货机上，公司实现了年度收入增长 200%。

这种增长得益于 Touch Safely 提供的无可匹敌的经济和质量优势，不仅为用户带来了更安全、更卫生的体验，同时企业也受益于最先进的服务。

如今，在意大利取得成功经验后，Dabo Technology 准备将其优势带到中国市场。





Land - sea - air transport

Examples of applications



Hospitals



Schools



Trains



Automotive

charging columns



AirPlanes



Our TOUCH SAFELY business with DABO Technology

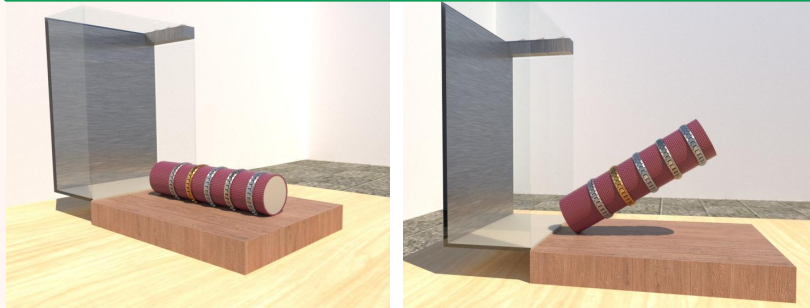
Application of DABO technology to devices

*Tested on GRAM+, GRAM-, HSV-1, COVID-19, salmonella



PROJECT PHASE	prototype	preseries	marketing
Sanitizing Drawer	✓	✓	X

*Tested on GRAM+, GRAM-, HSV-1, COVID-19



PROJECT PHASE	prototype	BP	marketing	industrialization
Display box for shops jewelry- watches - glasses	✓	✓	X	X

Pacifiers and baby bottles sanitizer

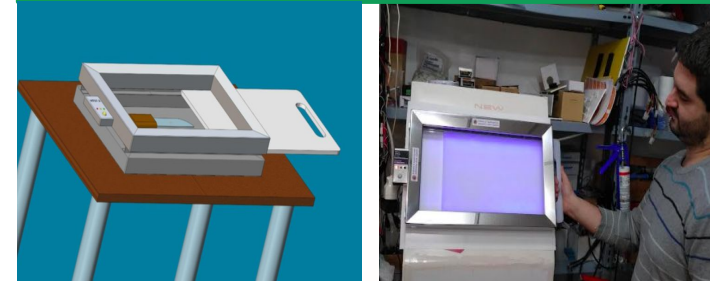


*Tested on GRAM+, GRAM-, HSV-1, COVID-19, salmonella



PROJECT PHASE	prototype	preseries	marketing
Knives Block Sanitizer	✓	✓	X

*Tested on GRAM+, GRAM-, HSV-1, COVID-19, salmonella



PROJECT PHASE	prototype	preseries	marketing
Chopping boards and knives sanitizer	✓	✓	X



我们的原型已在帕多瓦大学进行测试，病原体消除率达**99.99%**，且在**24/48/72**小时后无再生长。

已消除的病原体：

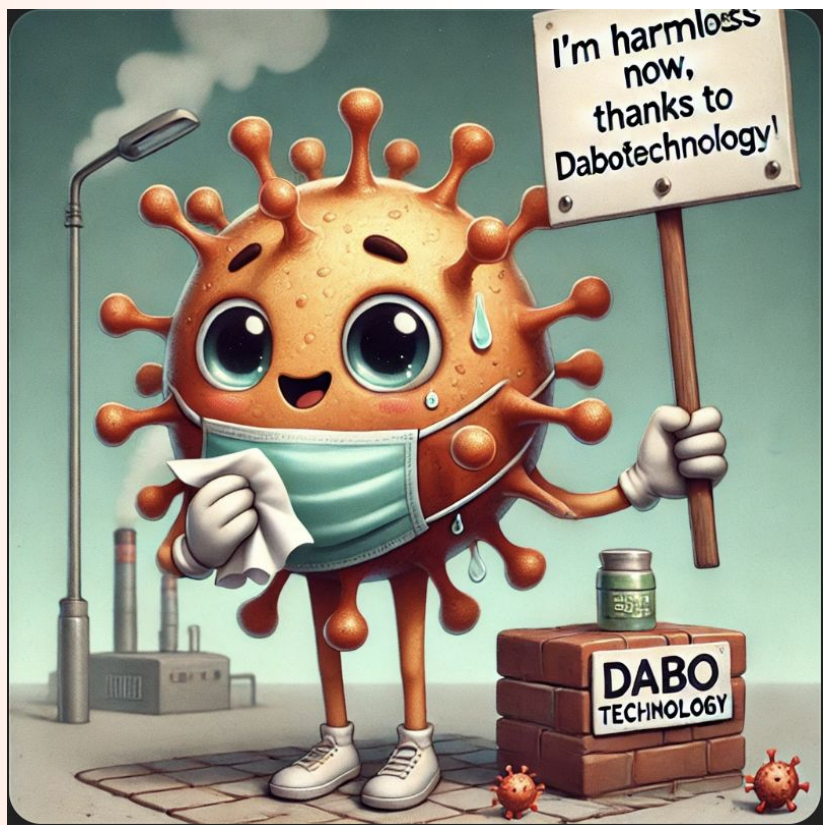
- ◆ **病毒**：COVID-19、流感病毒、HSV-1（单纯疱疹病毒1型）。
- ◆ **细菌**：金黄色葡萄球菌、链球菌、克雷伯氏肺炎菌、大肠杆菌、铜绿假单胞菌。
- ◆ **真菌和霉菌**：曲霉菌、念珠菌。

DABO HTS 4.0

introduces

Prototype 7.3.2/3.R.

modified model for display with everything included inside



Our prototype has been tested at the **University of Padova**, achieving a **99.99% pathogen elimination rate** with no regrowth after **24/48/72 hours**.

Pathogens Eliminated:

- **Viruses**: COVID-19, Influenza, HSV-1.
- **Bacteria**: Staphylococcus aureus, Streptococcus, Klebsiella pneumoniae, Escherichia coli, Pseudomonas aeruginosa.
- **Fungi & Molds**: Aspergillus, Candida.

DABO HTS 4.0

introduces

Prototype 7.3.2/3.R.

Modello modificato per esposizione con tutto incluso all'interno.

The **DABO air sanitization system** is a **scalable industrial prototype**, designed to eliminate **viruses and bacteria** from the air in various environments, such as **hospitals, clinics, and offices**.

The system **draws in air** through powerful fans, directing it into a **sealed chamber**, where **specialized filters capture pathogens**. Then, the **DABO technology** executes a **sanitization process** that **completely eliminates viruses and bacteria**.

The **purified air** is further **filtered** and, if necessary, **cooled** before being released back into the environment, ensuring **healthy and protected spaces**.

This system also **reduces maintenance requirements** thanks to a **module that regenerates the filter molecules**, ensuring **optimal performance over time**.



DABO 空气消毒系统 是一个 **可扩展的工业级原型**，专为 **医院、诊所和办公室** 等多种环境的 **空气消毒** 而设计，可有效消除 **病毒和细菌**。

该系统通过**强力风扇**吸入空气，并将其导入**密封舱室**，其中**专门过滤器**捕获病原体。随后，**DABO 技术**执行**消毒过程**，彻底消除**病毒和细菌**。

净化后的空气会经过**进一步过滤**，并在必要时**冷却**，然后**重新释放到环境中**，确保**健康安全的空间**。

此外，该系统还配备**分子再生模块**，可**减少维护需求**，确保**长期高效运行**。

Prototype Air Sanitize 7.3.2.R. and 7.3.3.R. modules

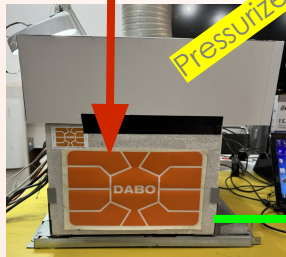
VIRUSES AND BACTERIA



AIR INTAKE DUCT



Air refrigerator



filter DABO

Decompression and air expulsion.
Air free from viruses and bacteria at
the desired temperature

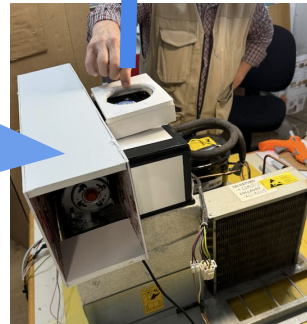


Air refrigerator

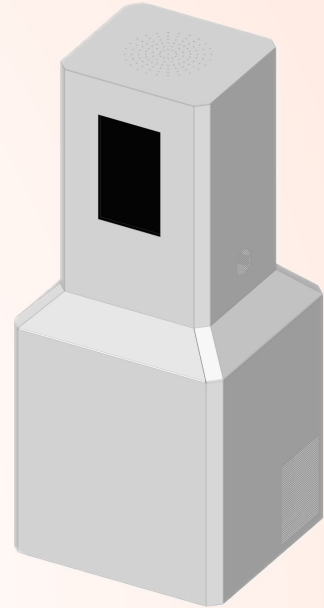


Pressurized airtight chamber

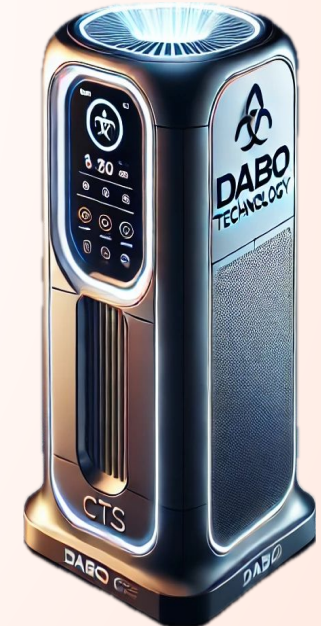
DaboTechnology at work



Model 7.3.3.R.
for air duct
systems with
positioning of
the module
under the floor
or in the
technical room



Model 7.3.2.R. This aesthetically attractive model
can be placed in the center of the room. The
refrigerator module is an independent
component and can be installed beneath the
floor and under the machine.





目标市场与增长潜力

我们的主要目标市场包括：

- 医疗机构（医院、诊所、手术中心）
- 企业办公室与工作空间
- 教育机构（学校、大学）
- 公共场所（机场、图书馆、购物中心）

可扩展性与市场扩张

在意大利市场取得成功后，Dabo Technology具备拓展欧洲及全球市场的强大潜力。我们的创新空气和表面消毒技术提供更安全、更节能、更加环保的解决方案，以应对全球日益增长的卫生挑战。

我们欢迎**合作伙伴关系、技术合作和授权许可**，以扩大技术应用范围，或探索专利收购机会，从而在全球范围内实现更大影响力。

Target Market & Growth Potential

Our primary target includes:

- **Healthcare Facilities** (hospitals, clinics, surgical centers)
- **Corporate Offices & Workspaces**
- **Educational Institutions** (schools, universities)
- **Public Areas** (airports, libraries, shopping malls)

Scalability & Market Expansion

With proven success in Italy and **strong potential for European and global markets**, Dabo Technology is ready for expansion. Our innovative approach to air and surface sanitization provides a **safer, more energy-efficient, and environmentally friendly solution** to a growing global challenge.

We are open to **partnerships, collaborations, and licensing opportunities** to scale our technology or **potential patent acquisition**, maximizing its impact worldwide.



Technology	Virus & Bacteria Elimination	VOC* Elimination	Particle Elimination
DaboTechnology	✔ High efficacy (innovative patent)	✔ Yes	✔ Yes
Cold Plasma	✔ Effective but depends on ion concentration	✔ Partial	✘ Does not remove solid particles
HEPA Filters	✔ Traps bacteria and viruses but does not eliminate them	✘ No	✔ Filters solid particles up to 0.3 μm

Technology	Maintenance	Component Replacement	Operating Costs
DaboTechnology	💎 Minimal	✘ No filter replacement	💰 Low
Cold Plasma	💎 Low	✘ No filter replacement	💰 Moderate
HEPA Filters	🔴 High	✔ Yes, every 6-12 months	💰 High

Technology	Health Risks	Ozone Emissions	Sustainability
DaboTechnology	✔ Safe for indoor environments	✘ No emissions	✔ Low environmental impact
Cold Plasma	⚠️ Potential emissions of harmful byproducts	⚠️ Possible ozone production	✔ Moderately sustainable
HEPA Filters	✔ Safe	✘ No emissions	⚠️ Generates waste from filter replacement

Technology	Odor Elimination	Chemical Compound Decomposition
DaboTechnology	✔ Yes	✔ Yes
Cold Plasma	✔ Yes	✔ Partial
HEPA Filters	✘ No	✘ No

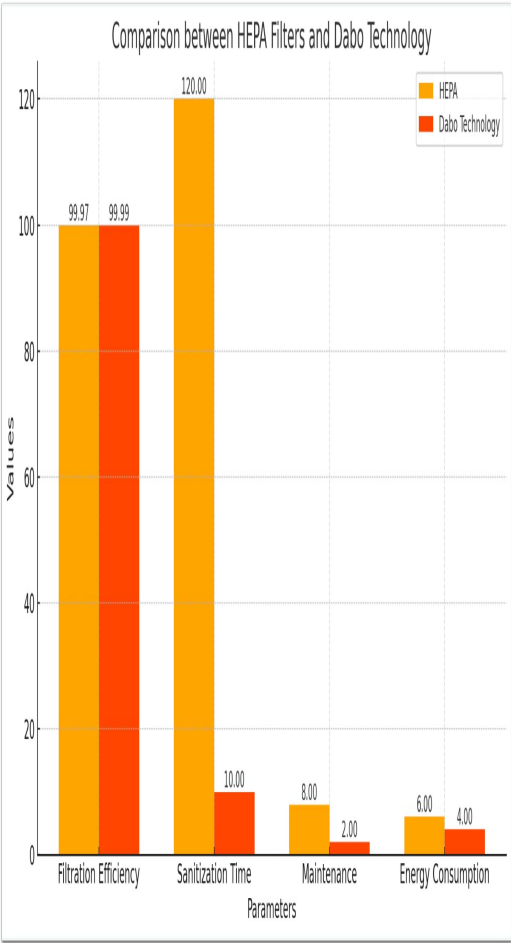
✔ **DaboTechnology** stands out as the most effective and sustainable solution compared to Cold Plasma and HEPA Filters:

- **Superior Efficiency:** Eliminates viruses, bacteria, VOCs, and solid particles with high effectiveness.
- **Low Maintenance & Operating Costs:** No filter replacements required, ensuring minimal operational expenses.
- **Zero Ozone Emissions & High Safety:** No harmful byproducts, making it ideal for enclosed environments.
- **Eco-Friendly & Sustainable:** No waste production, ensuring a greener and safer solution.

- **Cold Plasma** has moderate sustainability but presents potential health risks due to ozone emissions.
- **HEPA Filters** are safe but require frequent maintenance, high operational costs, and do not eliminate viruses or VOCs.

🚀 **DaboTechnology sets a new benchmark for air purification, providing an advanced, cost-effective, and eco-friendly solution.**

技术	病毒和细菌消除	挥发性有机化合物 (VOC) 消除	颗粒物消除
DaboTechnology	✔ 高效（创新专利）	✔ 是	✔ 是
冷等离子	✔ 有效，但取决于离子浓度	✔ 部分	✘ 无法去除固体颗粒
HEPA 过滤器	✔ 捕获细菌和病毒，但无法消除	✘ 否	✔ 过滤直径至 0.3 μm 的固体颗粒



HEPA 过滤器	▼ 差	✔ 卓越，领先 15 年	🏆 领先
冷等离子	💎 低	✘ 需要更换过滤器	🏆 中等
DaboTechnology	💎 极低	✘ 需要更换过滤器	🏆 领先
成本	维护成本	组件成本	运营成本

技术	健康风险	臭氧排放	可持续性
DaboTechnology	✔ 适用于室内环境，安全可靠	✘ 无排放	✔ 低环境影响
冷等离子	⚠️ 可能释放有害副产物	⚠️ 可能产生臭氧	✔ 适度可持续
HEPA 过滤器	✔ 安全	✘ 无排放	⚠️ 需要定期更换过滤器，产生废弃物

技术	气味去除	化学化合物分解
DaboTechnology	✔ 是	✔ 是
冷等离子	✔ 是	✔ 部分
HEPA 过滤器	✘ 否	✘ 否

✔ **DaboTechnology** 在冷等离子和 HEPA 过滤器的对比中表现最优，具有高效性和可持续性：

- **卓越的净化能力**：高效去除病毒、细菌、挥发性有机化合物（VOCs）及固体颗粒。
- **低维护 & 低运营成本**：无需更换过滤器，大幅降低运营费用。
- **零臭氧排放 & 高安全性**：无有害副产物，适用于封闭环境。
- **环保 & 可持续**：无废物产生，提供更绿色、更安全的空气净化方案。

- **冷等离子** 具有一定的可持续性，但由于可能产生臭氧，存在健康风险。
- **HEPA 过滤器** 虽然安全，但需要频繁维护，运营成本高，且无法消除病毒和挥发性有机化合物（VOCs）。

🚀 **DaboTechnology 树立了空气净化的新标杆，提供先进、经济高效且环保的解决方案。**



全球市场前景与投资机会

了解潜在市场规模对于评估投资机会至关重要。市场细分如下：

- **TAM(可总市场规模) – 145亿美元**
代表全球空气消毒技术的总需求，涵盖所有潜在客户和行业。
- **SAM(可服务市场) – 50亿美元**
指当前技术可覆盖的市场份额，包括行业法规、客户采用率和分销渠道。
- **SOM(可获取市场) – 15亿美元**
这是短期内可实际争取的市场份额，基于业务扩张战略、可用资源和市场竞争情况。

投资机会

为了占据 可获取市场 (SOM) 15 亿美元份额，预计需要 1500 万至 3000 万美元 的投资资金，主要用于：

1. **产品开发与认证** – 扩大生产规模，并确保符合全球健康和安全法规。
2. **市场渗透与扩展** – 进入医疗、教育和企业领域的战略市场。
3. **销售与分销网络** – 加强与经销商和直销渠道的合作。
4. **品牌推广与市场营销** – 通过精准营销，提高 DaboTechnology 在空气消毒领域的市场地位。

通过**战略性投资与执行计划**，投资者可期待**强劲的投资回报率**，并利用全球对高效空气净化解决方案的不断增长的需求。

TAM (Total Addressable Market: \$14.5B)

SAM (Serviceable Available Market: \$5B)

SOM (Serviceable Obtainable Market: \$1.5B)

Global Market Prospects & Investment Opportunity

Understanding the potential market size is crucial for evaluating investment opportunities. Here's how the market is segmented:

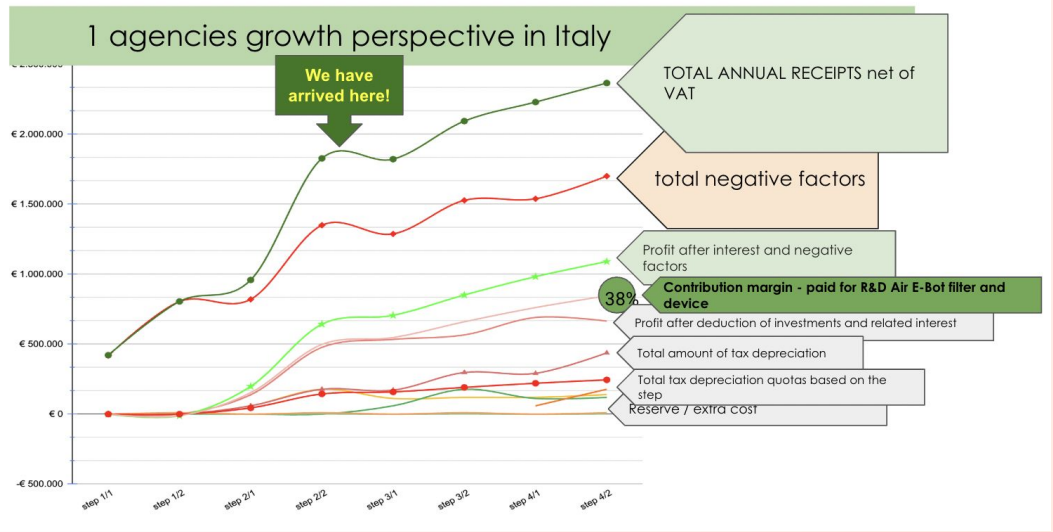
- **TAM (Total Addressable Market)** – **\$14.5 billion**
This represents the total demand for air sanitization technology worldwide, encompassing all possible customers and industries.
- **SAM (Serviceable Available Market)** – **\$5 billion**
This segment includes the portion of the market that can be reached with the current technology, considering industry regulations, customer adoption rates, and distribution channels.
- **SOM (Serviceable Obtainable Market)** – **\$1.5 billion**
This is the **realistically obtainable** market share within the short term, based on business expansion strategies, available resources, and competitive landscape.

Investment Opportunity

To capture a **significant share of the SOM (\$1.5B market)**, an estimated investment of **\$15M - \$30M** would be required. This capital would cover:

1. **Product Development & Certification** – Scaling production and ensuring compliance with global health and safety regulations.
2. **Market Penetration & Expansion** – Entering strategic markets in healthcare, education, and corporate sectors.
3. **Sales & Distribution Network** – Strengthening partnerships with distributors and direct sales channels.
4. **Brand Awareness & Marketing** – Targeted campaigns to establish DaboTechnology as the preferred choice for air sanitization.

With a strategic investment and execution plan, investors could **expect a strong ROI**, leveraging the growing demand for high-efficiency air purification solutions worldwide.



The best time to plant a tree was ten years ago, the
second best time to plant a tree is now

种一棵树最好的时间是十年前，其次是现在。

Thank you for your attention

Team DABO



**Contact us for more
details**