

PRESS RELEASE

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**AIRXÔM AND PYLOTE SIGN A PARTNERSHIP TO DEVELOP & COMMERCIALIZE
UNIQUE ANTIMICROBIAL PROTECTIVE RESPIRATORY MASKS**

**First respiratory mask capable of destroying viruses, bacteria and volatile
organic compounds with a permanent & “self-decontaminating” effect**



The French Medtech **AIRXÔM** and **PYLOTE**, a major player in industrial mineral chemistry, today announced today, at CES 2023 in Las Vegas, a partnership to provide antimicrobial respiratory masks with immediate, stable and permanent microbial decontamination action to uniquely prevent the risks associated with the transmission of microbe, through the incorporation of PYLOTE's unique metal-free and nanoparticle-free mineral antimicrobial technology into the outer shell and the inner membrane of the masks AIRXÔM.

These antimicrobial respirator masks are a unique response to the need of a large number of people for effective viral and bacterial protection, involving France:

- 20% of the population who suffer from respiratory allergies,
- Millions of people affected by respiratory illnesses such as asthma (alone affecting 4 million French people),
- Around one million employees in the health sector.

By activating surfaces to make them "self-decontaminating", the effectiveness of the antimicrobial technology of Pylote has been demonstrated on many micro-organisms:

- Gram-positive and gram-negative bacteria (>99.999% in 24h) and resistant bacteria.
- Enveloped and non-enveloped viruses (SARS CoV-2 and its Delta variant >96% in 1h, H1-N1 influenza, gastroenteritis, herpes and conjunctivitis) as well as in real-life situations with a high frequency of contact.

Numerous tests conducted by independent laboratories have measured the immediate, stable and permanent microbial decontamination action, as well as the safety of this technology (ISO 10993 medical device standards: non-irritant, non-cytotoxic).

Both companies anticipated to start the international commercialization in the first semester 2023 following final tests and production's organization. The projected sales generated by these antimicrobial masks are estimated at around 50 million in sales in France, Europe, the United States and Asia, for annual sales of over 100,000 masks worldwide, in the next three years.

Vincent Gaston, chairman of AIRXÔM. "As chairman of AIRXÔM, I am thrilled to announce our partnership with PYLOTE. This collaboration will not only enhance the development of our unique product, but also solidify its position as the premier choice for decontamination. The health and safety of our users, particularly healthcare professionals who are on the frontlines, is of the utmost importance to us. By partnering with PYLOTE, we are able to ensure that our product meets the highest standards of decontamination, setting it apart from all others on the market."

Loïc Marchin, CEO of PYLOTE, added: "I am extremely pleased with this partnership with AIRXÔM which will allow us to pursue our strategy of deploying transmission risk prevention means in new applications in order to better protect people's health, with no side effects thanks to entirely mineral technology".

ABOUT AIRXÔM - In 2015, Matthieu Gaston and his friend Alexandre Mordvinoff, both deeply affected by the impact of pollution on their health, particularly Matthieu's struggle with cystic fibrosis, came together with a vision to create a protective mask that would give people the ability to live normal lives, even in the most polluted cities. Tragically, Matthieu passed away in 2016, but his legacy lived on as his father Vincent took up the project and founded AIRXÔM in 2019. Headquartered in Lyon, AIRXÔM is a medtech company dedicated to developing innovative solutions to protect people from the harmful effects of atmospheric pollution, viruses, and bacteria. Our goal is to empower individuals to live healthier, more active lives, despite the challenges posed by these external factors.

ABOUT PYLOTE - Founded in 2009 and based in Toulouse (France), PYLOTE is a key player in the cleantech industrial mineral chemistry, globally recognized by its in-house breakthrough and sustainable innovation. Pylote is developing, producing and selling a unique natural protection solution patented from process to applications that solves issues faced by consumers with regards to safety, hygiene and sustainability. By focusing on market differentiation, PYLOTE supports its clients in the pharmaceutical, cosmetic, food and industrial markets for regulatory, marketing and industrial steps to generate a powerful value proposition in a quick time to market, without neither investment nor change in the current manufacturing process. Since 2016, the PYLOTE innovation, which is in compliance with the FDA, cosmetic, pharmaceutical, food, international regulations and Food contact approved, has been repeatedly and internationally awarded-winning: Pharmapack Award, CPhI Pharma Award, the Oscar of Packaging for Food Applications, Trophy of CSR Solutions, MakeUp in New York Tree Innovation Award. More information about Pylote in our website: www.pylote.com



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