

Achilles' system is not just a solution, it's a revolution

We bring Innovation to Tradition Solving the problem of black carbon air pollution from wood stoves

Market Opportunity: Wood stoves account for 33% of the world's black carbon and respiratory particles air pollution, affecting health, the climate, and all of us. 100million wood stoves are active worldwide, an annual growth of 7%. The world is aware of the air pollution problem they cause, but at the same time there is no substitute for the fire and heat of the popular wood stove. In many countries around the world there is a strict regulation in place, but there are no effective solutions adopted by the market that deal with wood stove air pollution

Our solution:

Effective: The system cleans air pollution effectively starting at a low operating temperature.

Affordable: One-time installation 1400\$, lower than competitors.

Low Maintenance: The system requires no maintenance to stay at 100% effectivity.

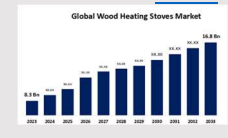
Preserves tradition: The system is externally attached to the chimney, allowing users to maintain their existing traditional wood stove.

Safety: The system does not interfere with the standard operation of the wood stove.



Market Potential: There are 100 million active wood stoves globally, 7% annual growth.
Total market size is approximately \$140 Bn. Target market is approximately \$80 billion.
Regulation provisions such as fines and federal tax credit for reducing pollution will boost market penetration.

<https://www.sphericalinsights.com/reports/wood-heating-stoves-market>



Development Stage		Milestones	regulation	Ip
Functional prototype, next phase is a final design device ready for real-life pilot study.		2025: Testing and standardization 2026: Start serial production	Regulation measures are in place for most countries, the developed system will comply with regulatory requirements.	Granted US patent, additional pending
Team	Experience			
Amir naftali, CEO	30 years of experience as a CEO of private and public companies			
Gonen Yuval, Co-Founder	A seasoned serial entrepreneur and inventor, owner of a workshop for product development and prototype building services for the medical field			
Yanir Dashel, CTO	Senior R&D engineer specialized in hot/cold piping design at the Israel Electric Company. Expert in complex electromechanical systems R&D and installations			
Rami Lore, Product manager	Rich experience in product development and manufacturing. Expert in plastic engineering and prototyping of mechanical devices.			

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