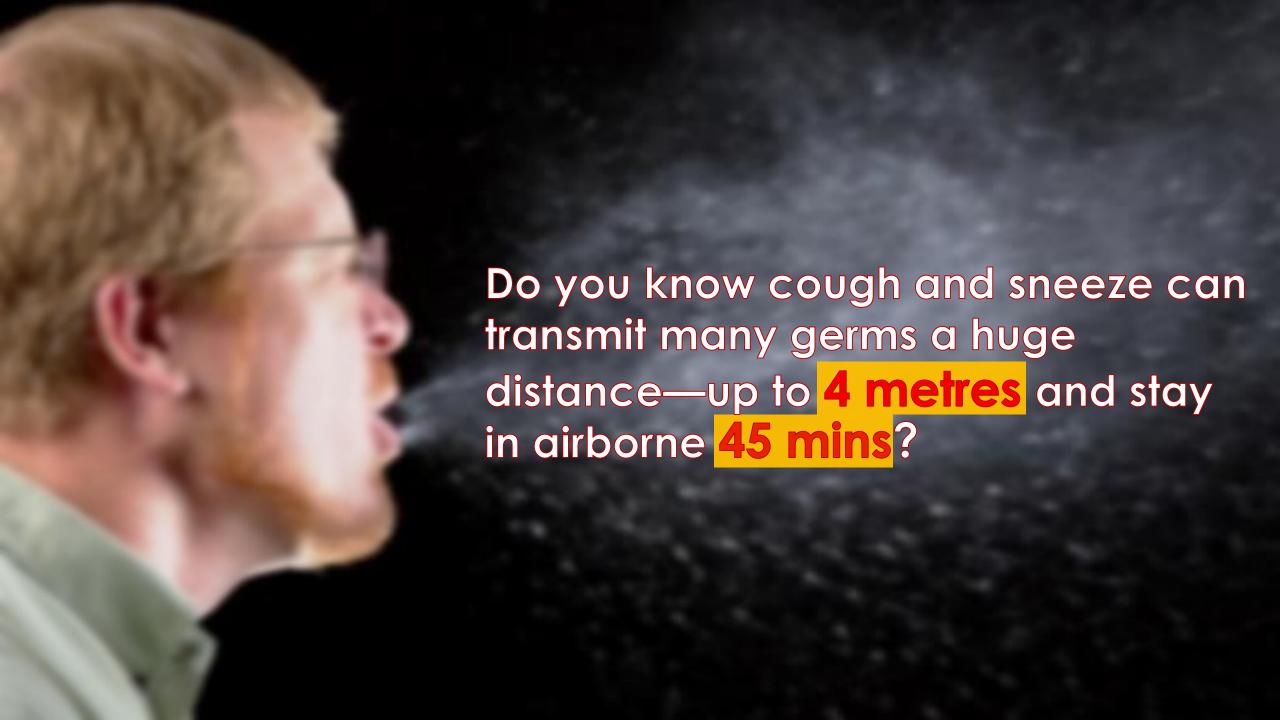




Tuberculosis; TB





Thailand

is one of the 14 countries with the highest TB burden

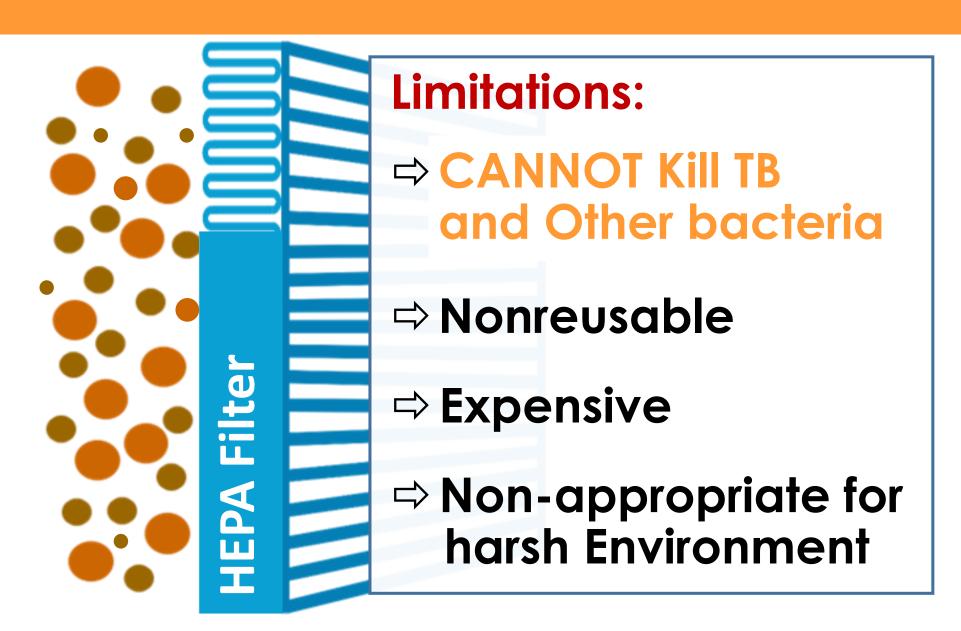


TB is one of the world's top health challenges:

2.4 BILLION PEOPLE, equal to a ONE THIRD of the world's population are infected with TB



Traditional HEPA air filter



Why Multifunctional Membrane ?

	HEPA	Note De la Composition de la C
Fine filtration	0.3 Microns	< 0.3 Microns
Anti-Bac (+/-)	X	≥ 99.9%
тв Anti-TB	X	≥ 99.9%
Reusability	X	Water resist/Anti UV
Variety	Limited design	Flexible design
Price	expensive	inexpensive

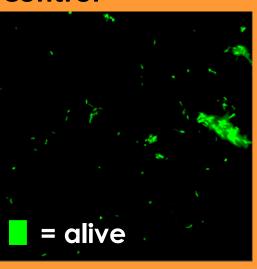


"Trap & Kill" TB and others

Pilot test: TB-aerosol in Biosafety Cabinet Level 3





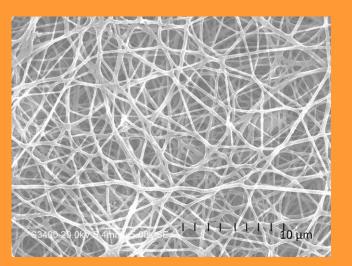






Nanofibrous membrane

Fineness of fiber: Nanometer scale





Thai Patent

International Patent

Peer-Reviewed Article

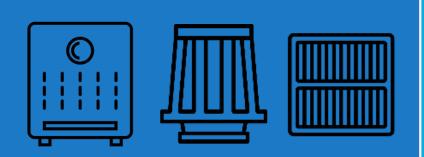
Manufacturing Product

Financial Feasibility

Product Opportunities



Surgical mask



Portable filter system

Cabin air filter



Gas turbine plant filter

Personal

Household

Industrial

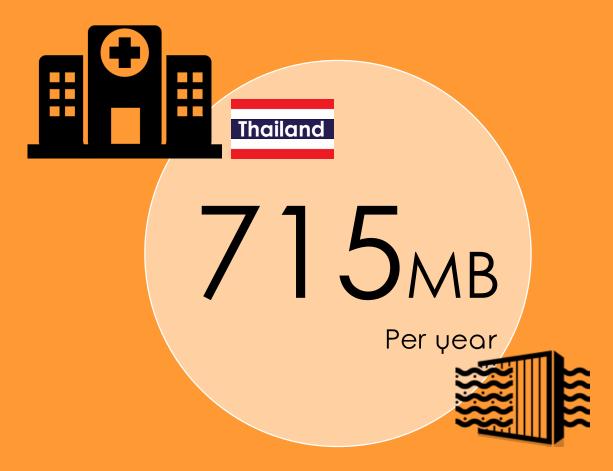
Market Opportunity

Market size of Air filters

Sources: euromonitor.com/thailand, maketeer.co.th, National Statistics Office







Business Model



Potential Partners

- Membrane manufacturer
- Filter manufacturer & assembly
- Air Filter/Purifier
- Startup
- Government



Be a partner

Be a leader of Nanomembrane together

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