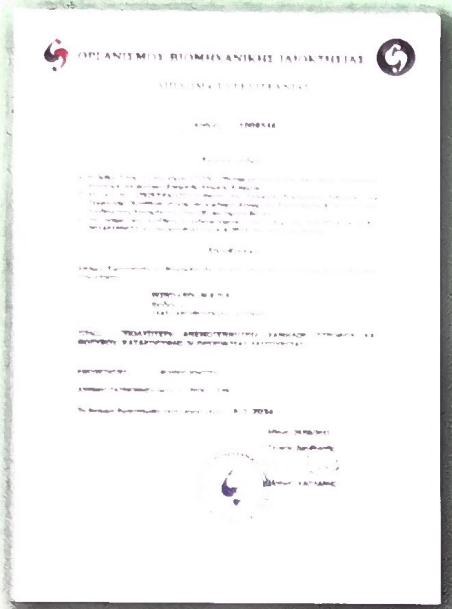


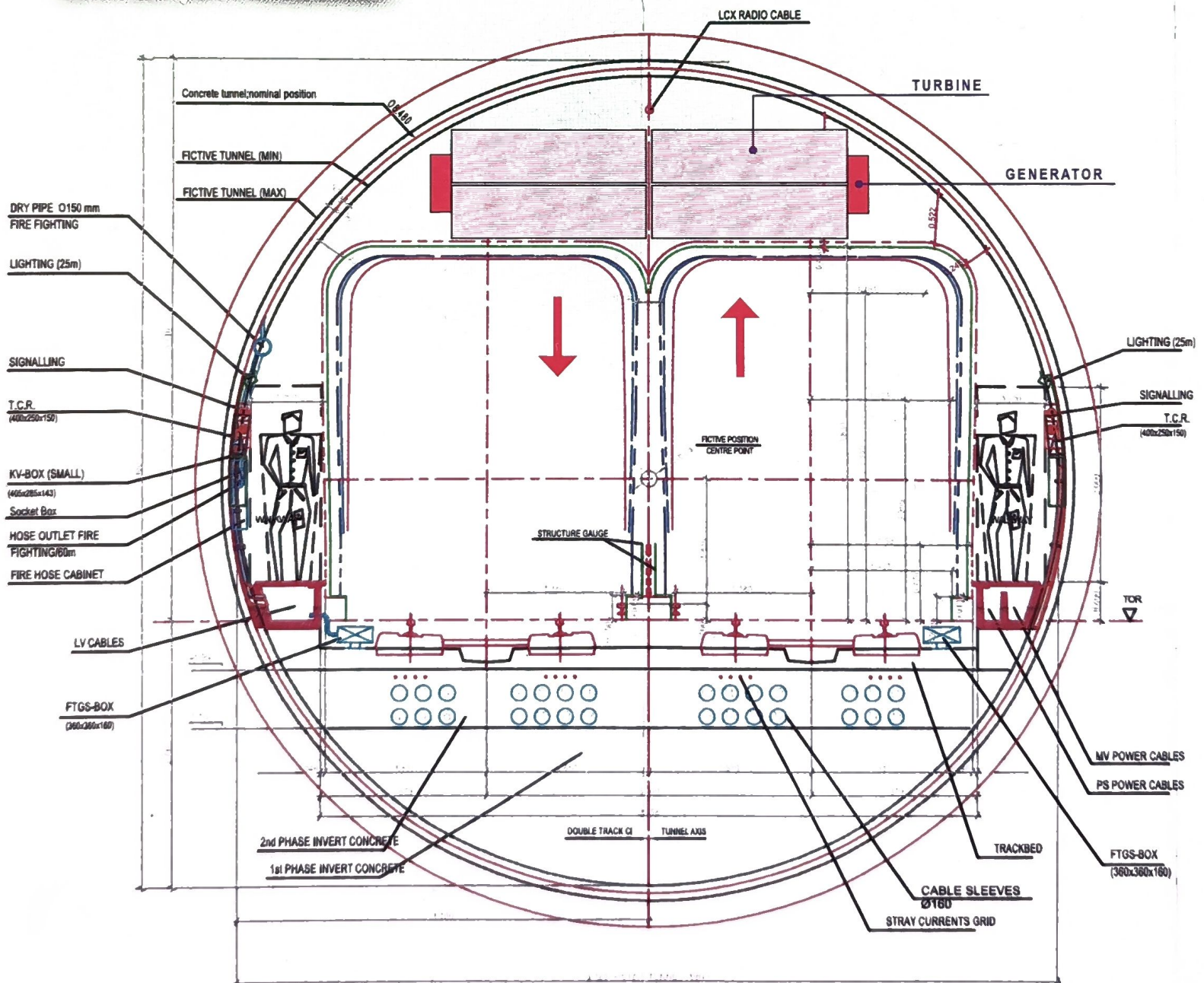
# ShockWaveElectroTurbine

INTERNATIONAL PATENT (PCT/GR2015/000007)

by eng. Chris Vouros



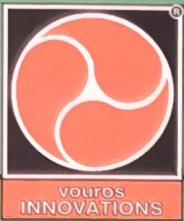
## INSTALLATION IN METRO TUNNEL



**WIND+SOL Ltd** (estab. 1977)

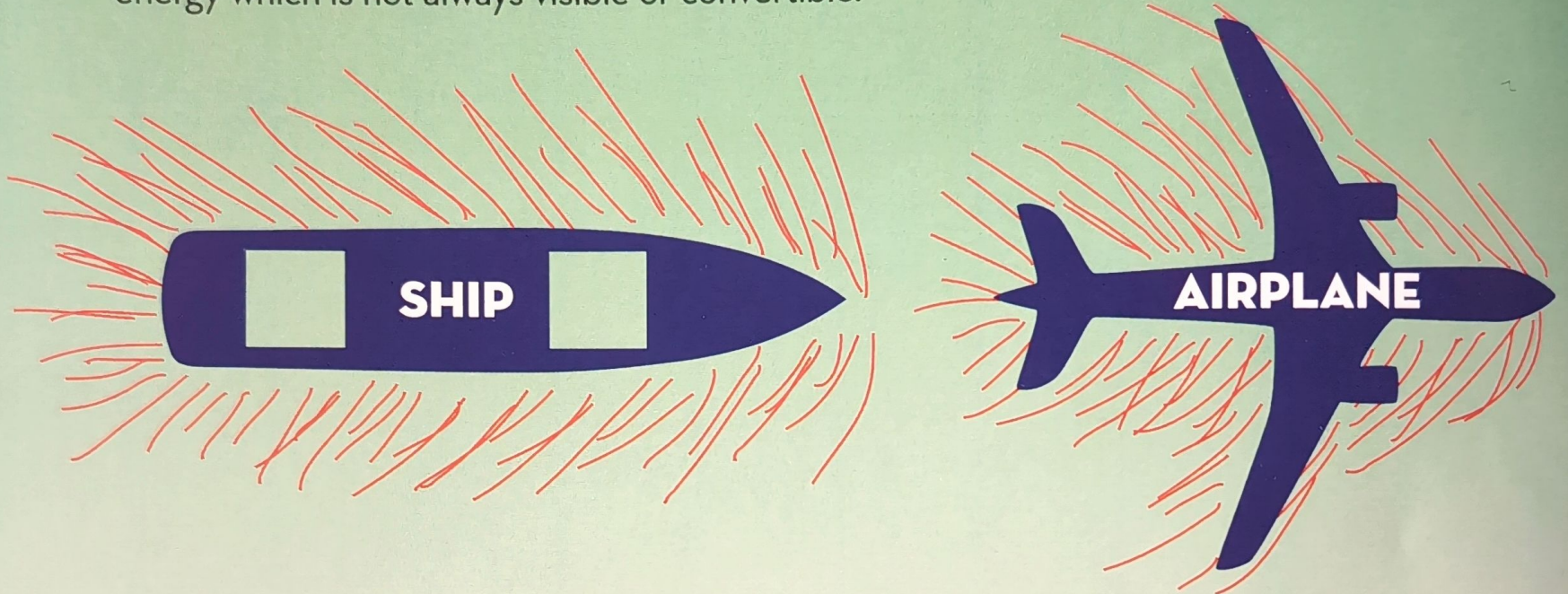
INTERNATIONAL INNOVATION





# ShockWave - What's this?

When a **solid object** moves in water or in the atmosphere, it produces **SHOCK WAVE** i.e. energy which is not always visible or convertible.



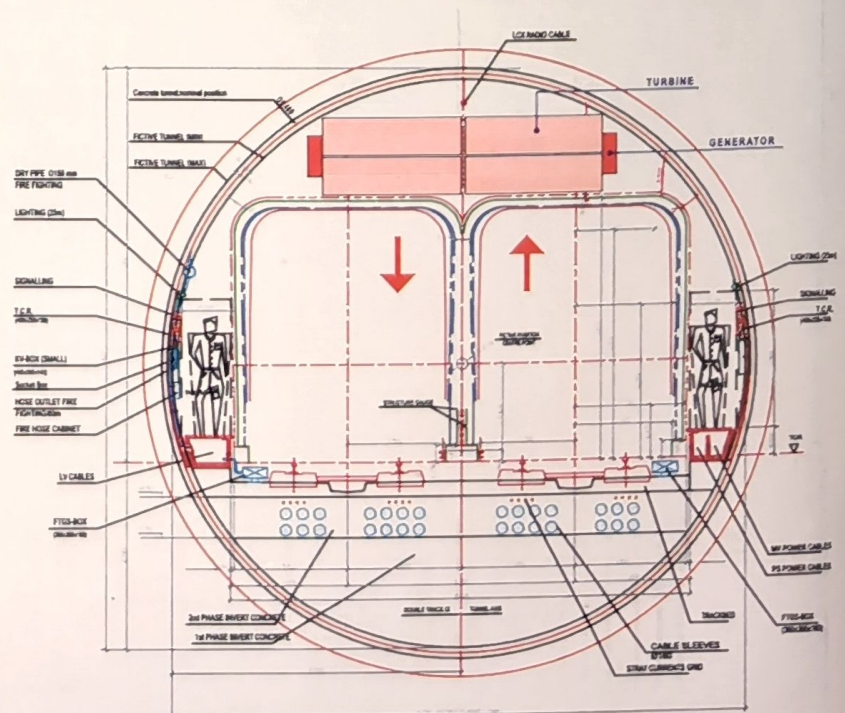
The general principle of the **SHOCK WAVE** is that the greater the volume and the speed of the moving are, the stronger the produced wave is.



If a **solid object** moves in a **closed space**, such as the train in a tunnel, the stronger the produced wave is.

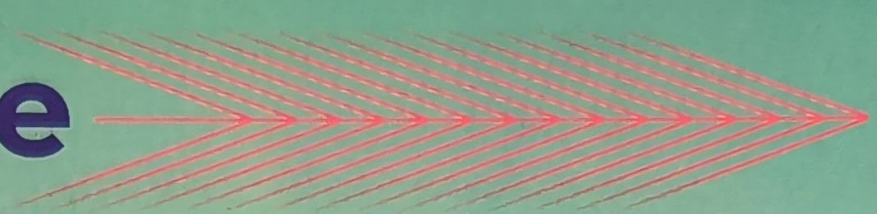
Airplanes, ships, cars, trains, particularly when moving through a **tunnel**, as the **metro**, produce artificial energy.

## INSTALLATION IN METRO TUNNEL





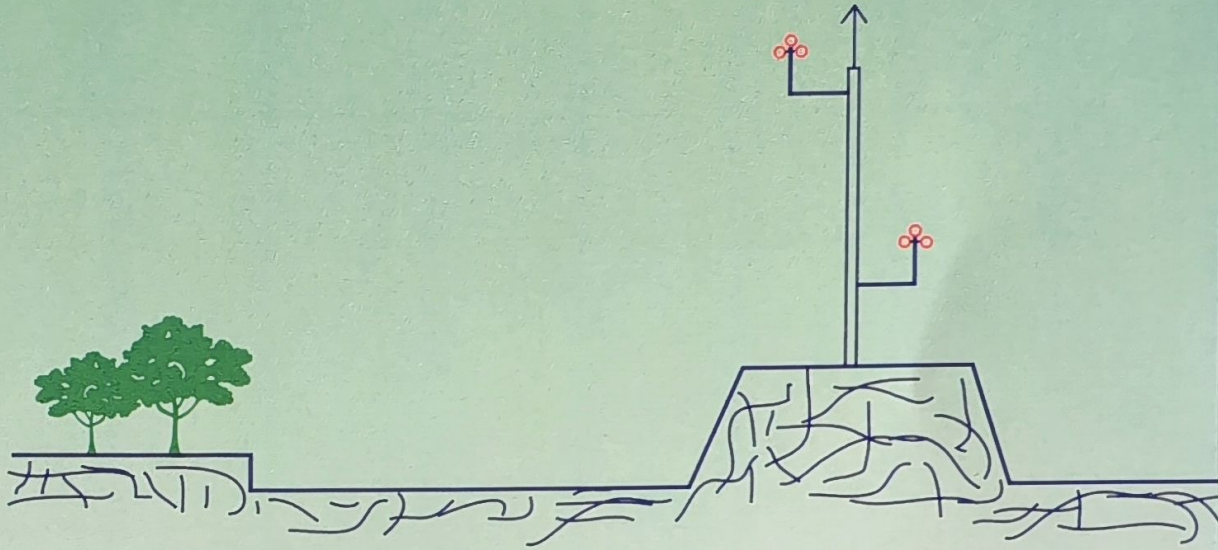
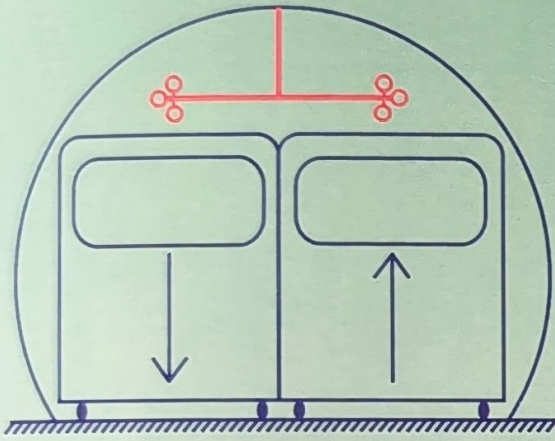
# ShockWave



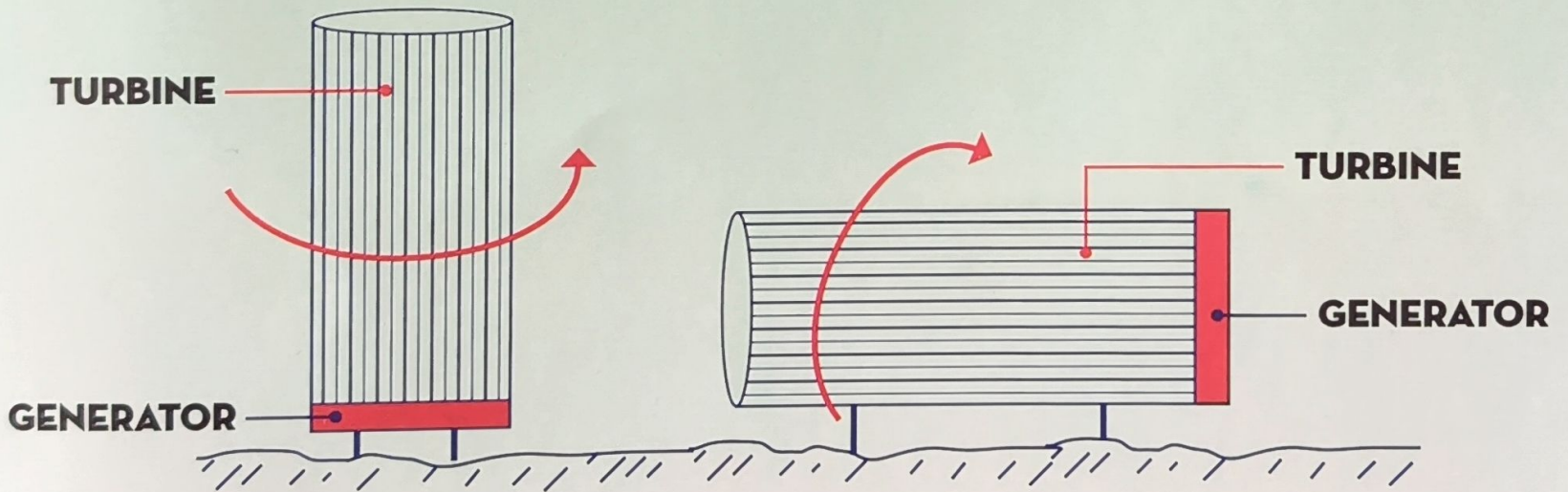
Therefore, man's activities produce shock wave - i.e. energy - which has been remained unexploited so far. The gap will be filled by the invention of Mec. Eng., Chris Vouros, who "has been chasing the wind" since 1977.

To confirm the above findings, the produced energy instruments have been installed in highways - where the natural wind also added - and in metro tunnels, with the following results:

- Highway - Metro tunnel



Based on these data, the **Shock Wave Electro Turbine** was designed in order to work **horizontally** or **vertically**, turning the shock wave and natural wind - where there is - into electricity.



In highways, the **Shock Wave Electro Turbine** can work as position of directional or advertising signs and as an autonomous lighting column or interconnected to the electricity grid.



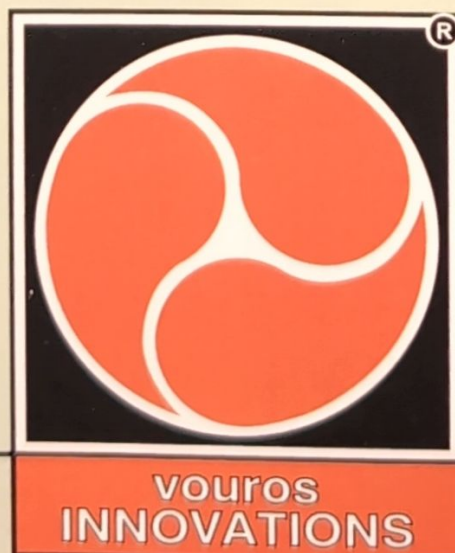


The **Shock Wave Electro Turbine** can also be installed horizontally in building roofs, in the position of the railing protection, turning the natural wind into the electricity energy, thus covering the needs of the building.



With a little more imagination, the **Shock Wave Electro Turbine** can be used in countless applications.

CONTACT  
P.O.BOX 72509/164 01 GR  
10 Fidiou str., 164 52 Greece  
[www.windandsol.eu](http://www.windandsol.eu)  
e-mail: [wind@energotech.gr](mailto:wind@energotech.gr)  
[shockwave@windandsol.eu](mailto:shockwave@windandsol.eu)  
[antifog@windandsol.eu](mailto:antifog@windandsol.eu)



**WIND+SOL Ltd**

from 1977 wind follow  
INTERNATIONAL INNOVATION