FOODTUBES™
The transport internet – really fast food

Runner up in the 2008 St. Andrews Prize for the Environment. Member of ISUFT.

FOODTUBES™ – Goods In & Waste Out – Low Cost , Low Pollution Transport.

Cargos can be packed into inexpensive, lightweight cargo-capsules, approx. 1 metre x 2 metres (about the size of a large man) or 1.57 cu metres, each carrying up to 2 tonnes of freight, propelled through underground, undersea and over-ground pipelines by electricity. Wire "Cages" of about this size are loaded into supermarket vehicles, carrying goods between their warehouses and retail shops.

The Capsules will be precisely controlled by software – to travel through numerous interlinked, open-architecture Foodtubes Circuits, each of about 100 km; eventually forming **The Transport Internet ™.**

In cities, dense-urban & urban areas, Foodtubes Circuits will be installed using No-Dig technology; reducing surface disruption. Pipeline-Circuits infrastructure will last for 50 to 100 years.

Foodtubes Commercial Models show 70% profits; charging less than equivalent lorries and trains. http://www.noelhodson.com/index_files/ftubesfinancials_28Sep07_v15.xls

Foodtubes has calculated that today 92% of the fuel or energy used to transport freight is wasted on moving the vehicles. Only 8% is used to move the goods or cargos.

Water, oil and gas are transported efficiently through pipelines. There are more than 300,000 km of large diameter pipelines in Europe, including undersea pipelines; operating continuously, day and night, transporting huge vital cargos, unseen and unheard by most citizens.

Many cargos could be transferred into Foodtubes, saving 90% of the diesel used today and reducing man-made CO_2 and other pollutants by 8% to 16%, annually saving billions of litres of diesel.

After water, food is the largest vital daily cargo. The food transport industry now utilises 25% to 30% of all freight vehicles. Foodtubes will transport goods from farm to supermarket, including recycling food & waste.

Carrying food, and **other suitable cargos**. FOODTUBES Circuits are capable of removing 50% of all the commercial transport vehicles from city streets, main roads and railways – and replacing a significant proportion of sea and air freight transport.

If it wins this EC Grant Application (Apr 2011), Foodtubes plans a Demonstration Circuit for city transport managers to consider installing Foodtubes. http://www.noelhodson.com/Ftubes/12APR11-FOODTUBES-EC-e7M.pdf

Google "FOODTUBES" for CONTACTS - Engineering, Team and State of the Art papers.