

MiniCAT uses power of compressed air

With \$30 million backing from India's Tata Motors, and oil hitting \$100 a barrel, the time may be right for Compressed Air Technology (CAT) vehicles. Developed by former F1 engineer Guy Nègre, the MiniCAT is expected to go into production in 2009

800cc 4-cylinder engine,
maximum power 25hp
at 4,000 rpm

Fibre and injected-
foam body

3-seater –
driver in
centre

Aluminium
rod chassis

Regenerative
braking recovers 13% of power used

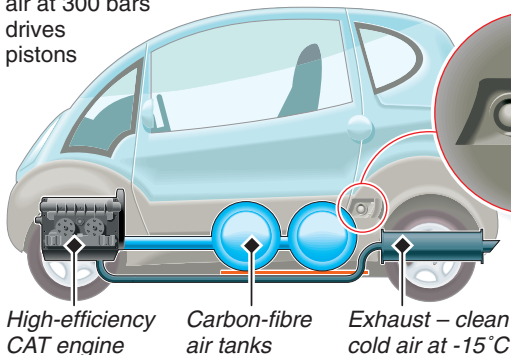
REVOLUTIONARY CLEAN ENERGY

Energy storage: Compressed
air at 300 bars
drives
pistons

MINI-CAT CHARACTERISTICS

Maximum speed	110km/h
Range	Up to 200km
CO ₂ emissions (city)	0g/km
Expected cost	3,500-4,000 euros

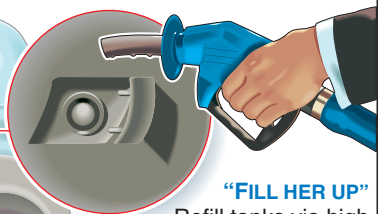
Petrol hybrid version also planned



High-efficiency
CAT engine

Carbon-fibre
air tanks

Exhaust – clean
cold air at -15°C



"FILL HER UP"

Refill tanks via high
pressure hose in 2 minutes,
or connect to electric
socket to power built-in
alternator/compressor –
up to 3.5 hours