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SAN MARCO PROJECT

All world countries, excluding the USA, are committed to reducing the GHG emissions of our planet. If this should not happen, the water level will rise and VENICE will need the help of the whole world for its survival. Venetian families are already fighting because the pollution caused by Diesel engines of the boats are higher than the maximum levels allowed by law, with serious consequences for the health of the inhabitants.
The SAN MARCO PROJECT involves the transformation of the "Vaporetti boats" into hybrid powered natural gas / electricity vessels to reduce consumption and engine noise and ensure a better air. This system allows: reduced waiting times, maneuvers, downtime and more agility. The Vaporetto's propeller will be moved by the electric motor. The Natural Gas engine drives a generator that produces electricity to power the electric traction motor. The batteries will add extra power to aid the acceleration phases. If necessary, the Vaporetto can proceed in zero emission mode. The complete operation involves the transformation to Natural Gas also of the Diesel engines of Buses and Service Trucks on the mainland. VENICE will become a worldwide symbol against climate change.

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