

# Investment Opportunity

## Drag Eliminator

This is not just an investment opportunity,  
it is an opportunity to change the way we live  
for the better - forever

**the inventor: Keith Dixon-Roche**

## 1 Introduction

Further to recent discoveries concerning the atom, it has been established that it is now possible to eliminate friction between the surface of a body and the air or water through which it is moving.

Refer to:

*"PHILOSOPHIÆ NATURALIS PRINCIPIA MATHEMATICA Revision IV"*

By *Keith Dixon-Roche*

This facility provides two significant benefits to mankind:

- 1) The elimination of structural wind and wave loads, incl. vortex-shedding.
- 2) The reduction (elimination) in energy requirements for cruising vehicles.

The benefits of this technology speak for themselves. When considered together with the Neutron Energy Cell, the cost of personal and commercial travel will be reduced by over 90% compared with today. Moreover, there will be no inflationary aspects to consider, as vehicles will require no refuelling. Environmental effects will also be significantly reduced (very little disturbance of the surrounding air - minimised *wake*).

An exploitation method has been defined by **the inventor** and preliminary patents created for its protection.

Interested parties please contact me via the following email address: [info@calqlata.com](mailto:info@calqlata.com)

## 2 Potential & Aims

Along with the neutron energy cell drag elimination will make transportation almost energy-free and structures will no longer be subject to excessive wind and wave loads.

The aim for this technology is to *actually* clean up waste from mankind's energy generation by significantly reducing consumption, and also reducing material requirements by significantly reducing environmental loads on structures.

The principal aim for this technology is to rid ourselves of dirty, inefficient and unreliable batteries and wind-generators, and also clean up national power-generators.

## 3 The Technology

This technology involves the creation and application of a special surface skin that must be applied to a body intended for immersion and relative movement within a fluid.

It is expected that such a skin can be applied to the fuselage of an aeroplane, submarine, spaceship, car or any other vehicle to reduce costs and surface interaction with its environment.

It is also expected that a bridge, for example, which is exposed to repeated wind loading and therefore subject to special design and material (increased strength) requirements to avoid vortex shedding, may be a lighter construction requiring less materials, manufacturing time and energy.

## 4 Patents

**The reduction of frictional drag on a body, independent of shape, in a gaseous atmosphere.**

**Abstract:**

*The present invention relates to the reduction or elimination of frictional drag between the surface of a body moving relative to a gas in which it is immersed. This form of drag on a body is responsible for the majority of the energy required for movement through air and wind loading.*

**The reduction of frictional drag on a body, independent of shape, in a liquid medium.**

**Abstract:**

*The present invention relates to the reduction or elimination of frictional drag between the surface of a body moving relative to a liquid in which it is immersed. This form of drag on a body is responsible for the majority of the energy required for movement through water and wave loading.*

## 5 Investment Plan

Whilst the concept has been established, not all of its detail design has been fully resolved. Given the necessary resources, it is expected that a working material or substance could be created in one to two years. After which, production can commence immediately.

It is expected that the working model would need four or five engineers and minimal administrative staff to complete.

The engineers for drag eliminator will need to include the following specialists:

**Permanent Engineers:**

Materials (metals & plastics)

Electricity

**Temporary - Consultant Engineers:**

Bonding

Coating

Plating