

A new engine design to help reduce global warming



In future, only electric and hydrogen vehicles will be developed

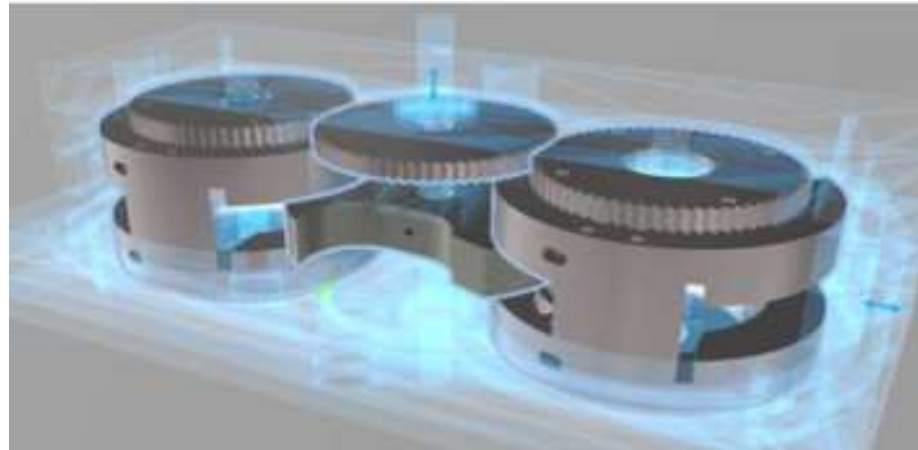


DETROIT (AP) — California will require all new cars, trucks and SUVs sold in the state to run on electricity or **hydrogen by 2035** in an ambitious move away from gasoline-powered vehicles and the pollution they emit.

Large battery electric vehicles have a very large carbon footprint

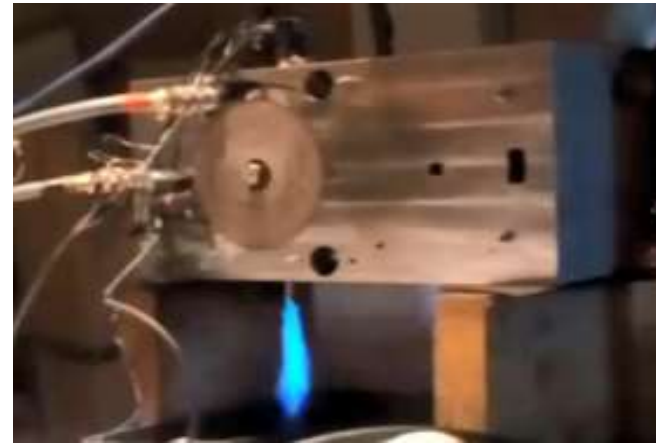
A hybrid with a hydrogen engine has the lowest carbon footprint

Comoab has a unique new patented engine design for hydrogen



With a no-knock combustion ideal for hydrogen fuel,
no energy loss from reciprocating parts,
low cost with few components,
the choice for hybrid running on hydrogen

Comoab has patents in US/GB and developed a first prototype

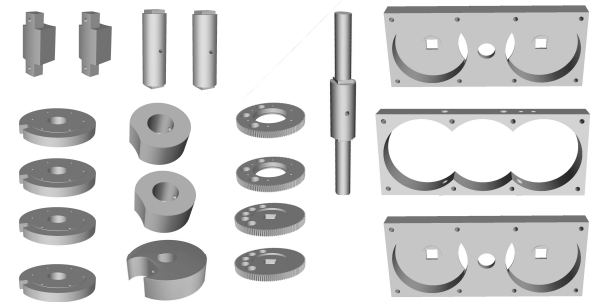
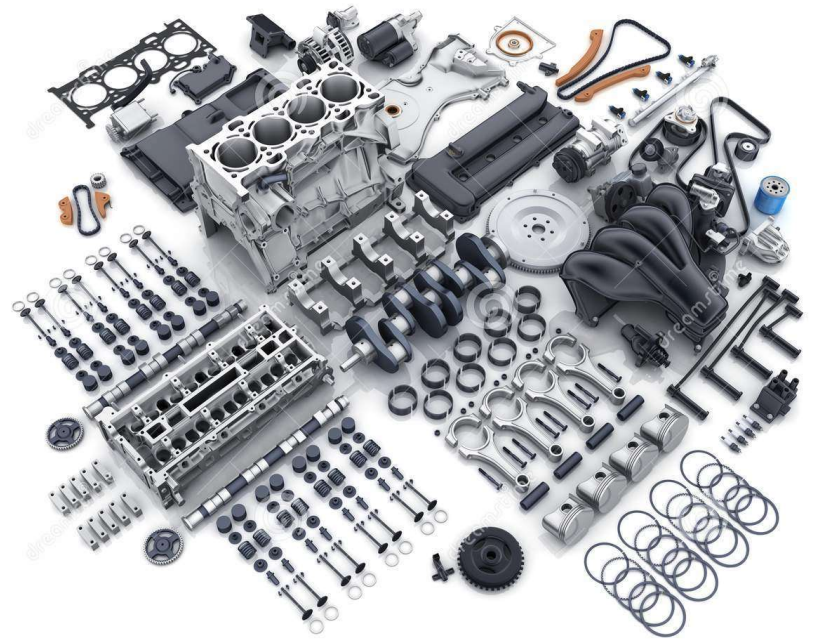


Prototype has been tested and knowlegde gained for a refined design that will be built as next step

Innovative concept

Comoab engine has a combustion chamber formed between a revolving piston and a rotating disk

Comoab engine has low cost with around 20 parts and operates lubrication oil free with low friction



Comoab is an R&D company aiming to monetize it's IP

Team; Gert Hartmans, CEO, developer & patent owner

External advisors consulted:

Prof. Martin Turnér, LTH Engine Lab

Dr. Thomas Johansson, Engine designer (Koenigsegg)

Ing. Goran Nybom (Join - Lund)

Ing. Manfred Peters (Siemens)

First prototype was subsidized by ALMI Sweden



LUND
UNIVERSITY



Koenigsegg

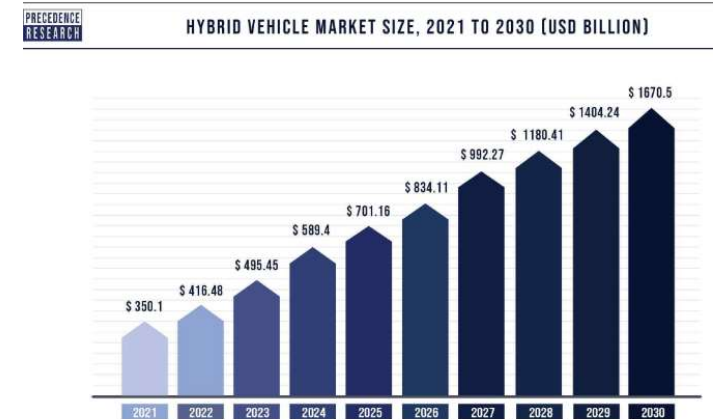
ALMI
INVEST

Market & competition

Hybrid vehicle market estimated to be USD 1670 billion by 2030

Also airplanes, trucks and ships can benefit from a Comoab engine

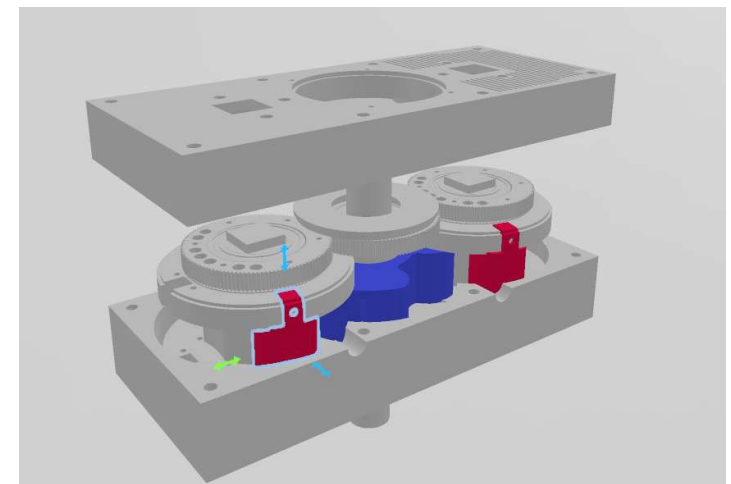
Competitors (Toyota, Cummins etc) are potential customers

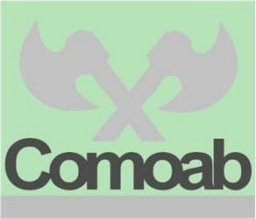


Next steps

New design developed and to be tested with hydrogen

Versus first prototype, new design has 100% reduction in weight, improved accuracy in parts, increased air intake and reduced blow-by





Cooperation & support

Seeking cooperation in development,
practical applications and funding

Comoab Aktiebolag/
Comoab Research LLC

2885 Sanford Ave SW PMB 12013
Grandville, MI 49418, USA

Website: comoab.com

Email: gert@comoab.com

Tel. +46 727320688 / +45 91474054 / +49 1788941775

