



Join forces with

CAD-Collaborate

This presentation is a brief supplement intended to promote interest in re-booting Product Data Management (PDM) software CAD-Collaborate TM.

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1. Summary



Centauri Design Limited founded in August 1999 – Companies House London

Business objective being the international communication of Engineering Project Data – principally Computer Aided Design (CAD) files via the internet.

Graeme Parker (Director), Colin Crosland (Director), James Parker (Company Secretary)

Registered Office – 41 Layton Crescent, Brampton, Huntingdon, Cambs PE28 4TS

Sale of Graeme Parker's London apartment provided 'start up' capital and business initiative in Sao Paulo, Brazil.

Development and Marketing

Three year design and development of Product Data Management (PDM) software.

- 1999** Introduced to British Chamber of Commerce, Sao Paulo – Commercial Officer Michael Bryan while Director Graeme Parker found employment within ABB Power Transformers.
- 2000-2002** Contracted service of Sao Paulo programmer – Ulrich Peters and MAD graphic design agency. A fully functioning prototype software service was developed while Director Graeme Parker found employment within Embraer.
- 2002** Contracted service of UK Marketing Agent – Graham Spinx – provided marketing brochure and trademarked name – “CAD-Collaborate(TM)”
- 2003** Re-location to Lagoa da Conceicao, Florianopolis, Brazil – resulted in loss of computer equipment due to apartment burglary – restricting further development and marketing.
- 2004** Last live demonstration of CAD-Collaborate™ - to a German Engineering Student residing in a South African Surfing Hostel.
Director Colin Crosland found alternate business partnership – resulting in termination of site domain.

June 2005 Invite posted from Chile to Company Secretary's daughter in law and wife to elder brother Ian Parker – informing she of Registered Office secure storage of CAD-Collaborate(TM) and inviting business opportunity of sale of software to Thales Aerospace – Crawley, Sussex, UK.

Graeme Parker returned to Lagoa da Conceicao and with a HSBC gold credit card launched an 'Art and Music Studios Project' to support an archaeological expedition of Ilha Santa Catarina.

Business Diversion

Successful archaeological expedition of Ilha Santa Catarina resulted in creation of 'ApolloBath Media Productions' and diversion of Graeme Parker's working life to Screenwriter and Performance Artist.

March 2012 Returning to UK, Graeme Parker was denied access to registered office address of Centauri Design Ltd

2021 Presentation to Huntingdon Job Centre for assistance in re-booting CAD-Collaborate™ by referral to the 'New Enterprise Allowance – Pinnacle People' denied by 'Work Coach'

November 2021 Presentation prepared for inviting foreign government investment.

Brochure available – CAD – Collaborate™ <http://apollobath.org/docs/FullBrochure.pdf>

2. Composite Fibre Industry – Huntingdon, England

This presentation intends to highlight the benefits to potential overseas investors seeking expansion in the Composite Fibre and Precision Engineering Manufacturing sector of the United Kingdom.

This document commenced preparation in 2016 due to proposed return trip to Brazil by founder of Centauri Design Ltd - Graeme Parker. Highlighting the then vacant factory space in Huntingdon previously occupied by Lola Motorsport.



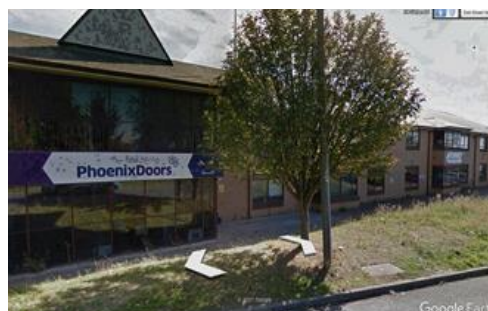
Vacant Lola Motorsport buildings – 2016



Neighbouring the facility are the thriving businesses Paxford Composites Ltd, TRB Lightweight Structures Ltd and Forward Composites Ltd (formally Lola Composites). With supply chain vendors established locally and easily recruited local labour force (many having recently migrated from Eastern Europe) the site had much potential.

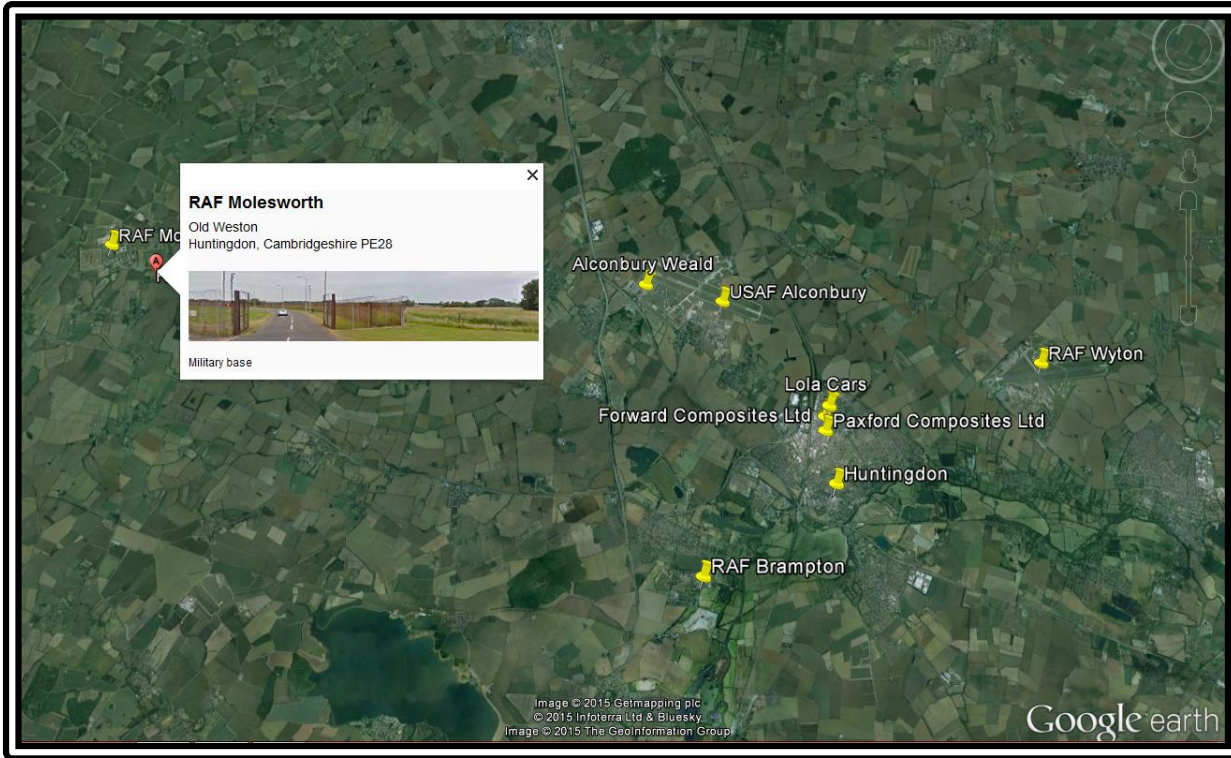


The former Lola Motorsport site today (2021) is now occupied by a composite company manufacturing doors – named Phoenix Doors.



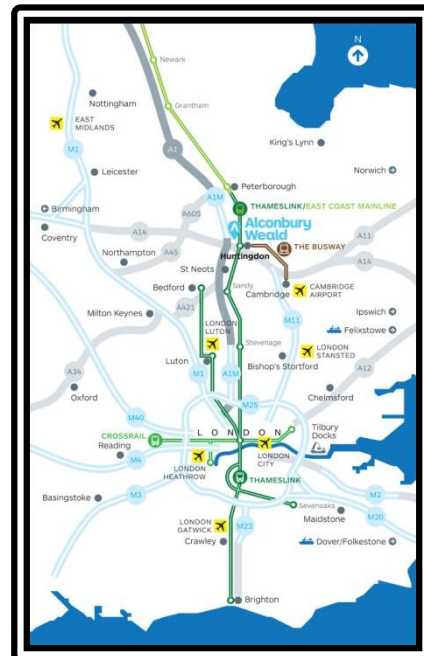
Local Military Heritage

The Cambridgeshire town of Huntingdon is the major local conurbation to the Royal Air Force bases of Brampton, Wyton, Alconbury and Molesworth.



In 1995 the United States Air Force vacated Alconbury Airbase after running uninterrupted operations from there since 1942. Today the reconnaissance and intelligence gathering of the Cold War years is consolidated at RAF Molesworth under the banner of NATO's – Intel Fusion Center.

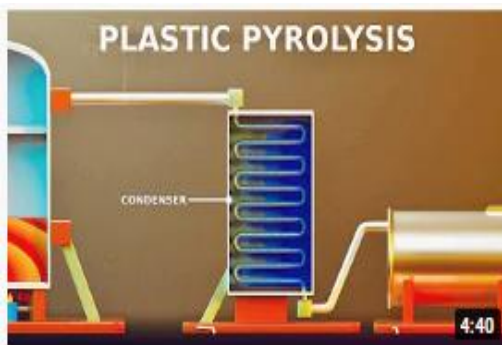
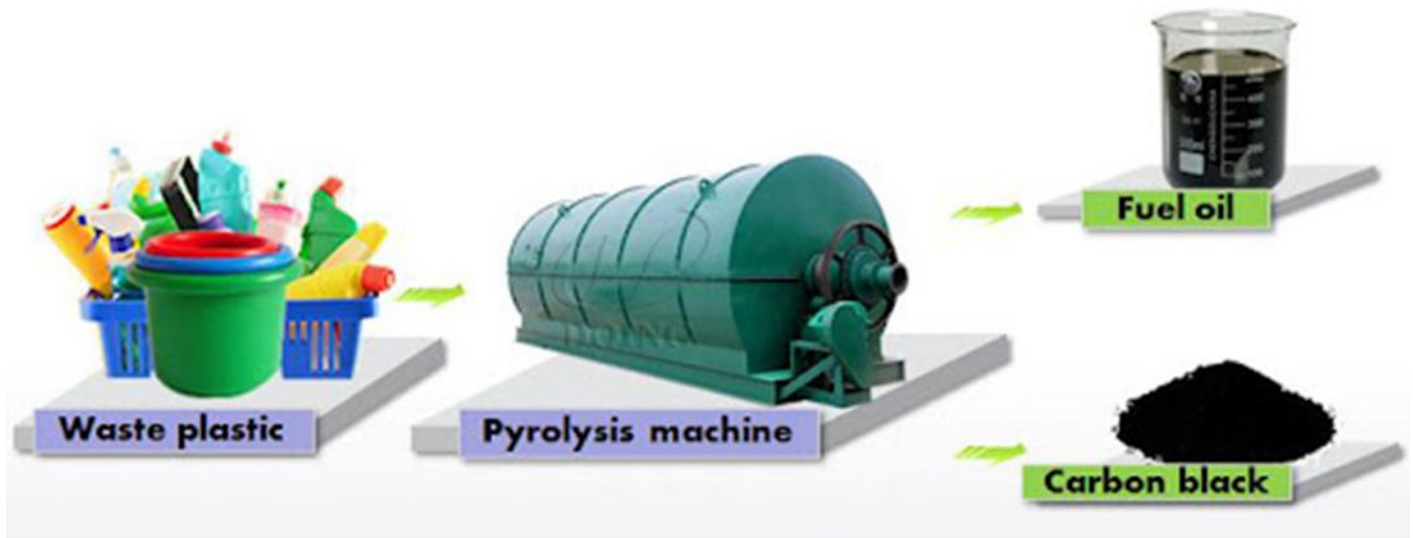
USAF Alconbury has now become 'Alconbury Weald' a freight interchange site the runway today resembles a container port.



3. Proposed Ventures

3.1 Plastic Pyrolysis

Introducing the Ark of the Covenant and Caravan of Treasures could coincide with putting the plastics industry into reverse. A process known as pyrolysis burns waste plastic in a furnace and the fumes syphoned are condensed into fuel oil.



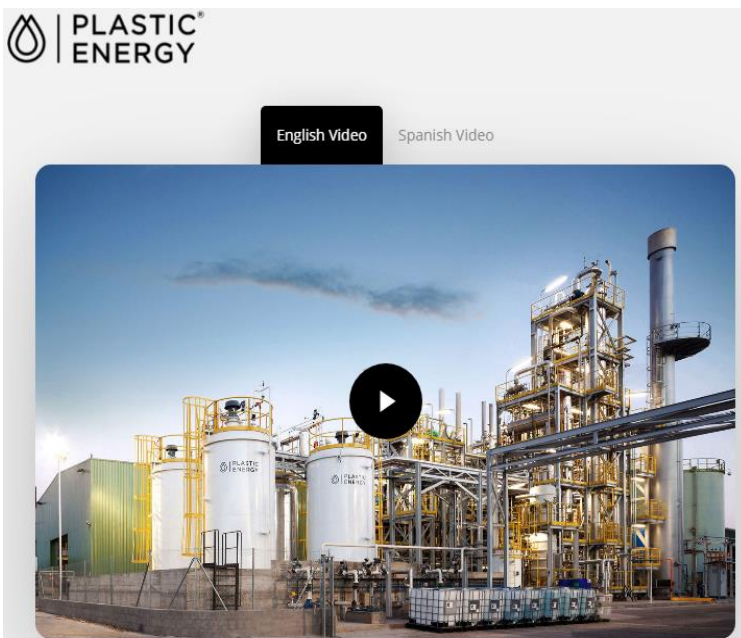
How Waste Plastic is Converted into Fuel | Plastic Pyrolysis | Karthi Explains
251K views · 1 year ago

Karthi Explains

Welcome To Karthi Explains in this video we are going to see how waste plastic is turned into fuel by using Pyrolysis Animation ...

CC

A harvest of the world as waste plastic becomes a commodity.



PlasticEnergy.com is a joint British Spanish company promoting the following vision:

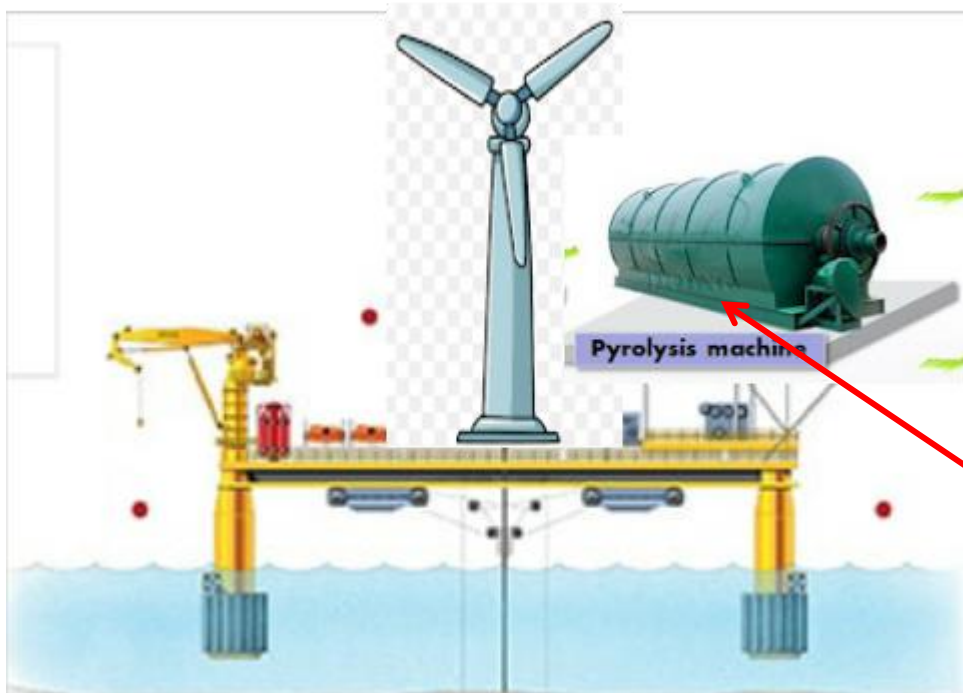
Our Vision

- Creation of a circular economy of plastic (Plastic2Plastic) by diverting plastic waste away from landfills and our oceans
- Reduce the dependence of countries on fossil fuel imports
- Support countries in reaching recycling targets, reduce CO2 footprint, and reach international sustainability goals
- Boost local economies and communities through the creation of new jobs

Development of small scale pyrolysis plants fitting on the back of a truck or deck of a fishing boat could be achieved. Efficiency of the process could be raised for land based plants through them being powered by discounted electricity, solar power and super capacitor banks. Perhaps in tropical locations the fiery heat of the Sun could be harvested with magnifying lenses using the Sun to combust the waste plastic in a furnace.



Where oil rigs go to die | Oil | ...
theguardian.com



Dis-used oil platforms could be reborn as electrically powered pyrolysis plants utilizing solar and wind generated electricity with super capacitors and electric furnaces to melt the waste plastic.



Fishing trawlers could be converted for plastic harvesting, kitted with small pyrolysis plants – perhaps the Sun's rays could be harvested in tropical locations.

3.2 Seaplanes



Thanks to employment at Embraer Aerospace, Sao Jose dos Campos, Brazil 1999-2001 with contractors Dynamic Solutions Ltda, Campinas and Hamilton Sundstrand, Connecticut, a successful archaeological expedition of Ilha Santa Catarina was undertaken 2005.

Today climate change is very much on government agendas and society will need to come to terms with its effect on how we live. Flooding of large areas of populated land is approaching so the need for emergency evacuation, life saving and alternate rapid transport breathes new life into Seaplane projects.

Prior to WW2, Seaplanes ruled transatlantic commercial passenger flight, but the onset of WW2 provided a rapid increase in accessible concrete runways. Thus helping the commercial airline industry we have today take off to dominate. A story told by the failure of the majestic Saunders Roe Princess flying boat.



Here are four examples of modern Seaplanes:-



A Canadian seaplane predominately used for fighting forest fires and emergency rescue



A Spanish drone seaplane that can be used to access areas unsafe for humans.



A Singapore design utilising ground effect.



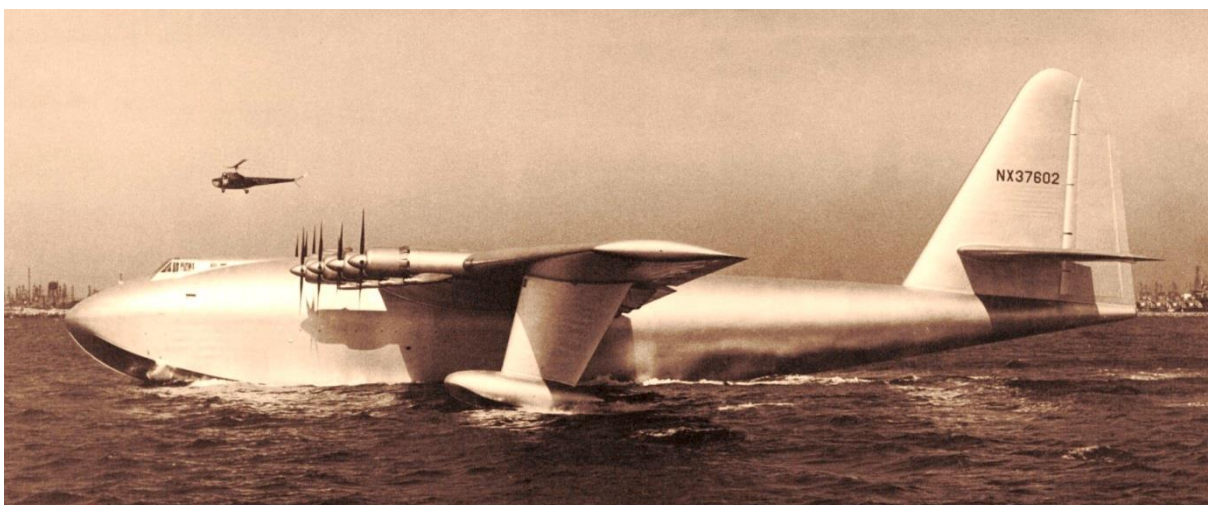
SOVIET MONSTER

The Soviet heavy load carrying Ekranoplan ground effect plane/ boat.



In the current period, only a few countries in the world are capable of designing and manufacturing seaplanes, and Japan is one of them.

Japan having much expertise with the ShinMaywa US-2, a large short takeoff and landing amphibious aircraft.



Howard Hughes magnificent folly the Hercules or Spruce Goose.



What the world might have witnessed if WW2 had never happened...

Perhaps Embraer could open a project team evaluating design partnerships. I believe ground effect craft such as the Singapore Wigetworks Airfish and the Barcelona based Singular Aircraft Drone Seaplane offer the most promising path for investment. Perhaps future aquatic airports may feature oil rig platforms converted to plastic pyrolysis fuel plants.....

Singular Aircraft has created the new concept of unmanned aerial vehicles.

FLYOX I is the most unique low cost UAV of the World.



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Working automatically and effectively without exposing the pilot to harmful chemical products.



FIREFIGHTING

Avoiding personal risks, operating both day and night.



GOODS TRANSPORT

Getting to places with difficult access and transporting a load of up to 1,850 kg with precision parachutes.



SURVEILLANCE & LIFESAVING

Capturing data for observations, controls and border surveillance. The first to arrive in the rescue area.



ShinMaywa Industries, Ltd.

