



ClearTheAir  
爭氣行動

[www.cleartheair.org.hk](http://www.cleartheair.org.hk)

Legco  
Attention all Honorable Members

1<sup>st</sup> May 2014

Dear Hon Legco Members,

Our organisation has already written to you to show that Hong Kong has a choice in its Zero waste options and (non-existent) Zero waste policies, waste treatment and handling, recycling and reuse i.e. it does have numerous Plan 'B' options.

We have provided information which totally refutes the Government Blueprint stance and flawed incineration / landfill extension policy.

We provided self-explanatory information from Dr Tim Evans, since 1994 the head of the Wastewater Management Panel of CIWEM UK and a world renowned expert witness.

CIWEM's worldwide policy position on the use of food waste diverters/ disposers and the use of the sewage system is confirmed as totally viable for Hong Kong shown in the below Dropbox link.

[www.ciwem.org/policy-and-international/policy-position-statements/food-waste-disposers.aspx](http://www.ciwem.org/policy-and-international/policy-position-statements/food-waste-disposers.aspx)

Using the recommended treatment above and Green Bin food waste collections delivered to garburators at transfer stations, would remove 40% of our domestic daily waste stream.

The relevant files we refer to are downloadable at the following link:

<https://www.dropbox.com/sh/rhjwr50vpd2vxf9/9iFT527h3Z?n=155421562>

We also bring to your attention self-explanatory information on plasma gasification advances including local conglomerate China Everbright International's move into plasma gasification technology.

We would urge all members, including those already outfitted with Government supplied blinkers and ear muffs, to appraise this information wisely.

Hong Kong has numerous waste treatment options and is not a third world country – it should enhance Zero Waste policies, recycling and reuse. It should be guided by the experts at CIWEM on food waste handling and take note of the advances in plasma gasification technology that could be used to reverse mine our landfills and convert unusable construction waste to Plasmarok to be used as road aggregate.

Hong Kong has an alphabet of different options, not just a plan B, which our Government tells us does not exist anyway, so we should believe them – NOT!

Kind regards,

*James Middleton*  
Chairman

Email [chair@cleartheair.org.hk](mailto:chair@cleartheair.org.hk)



ClearTheAir  
爭氣行動

[www.cleartheair.org.hk](http://www.cleartheair.org.hk)

Incinerator builder CHINA EVERBRIGHT INTERNATIONAL now sees the (PLASMA) light  
[www.ebchinaintl.com/en/investors/press\\_each.php?id=p140429](http://www.ebchinaintl.com/en/investors/press_each.php?id=p140429)  
[www.theasset.com/article/26510.html#axzz30NsrXR48](http://www.theasset.com/article/26510.html#axzz30NsrXR48)



Press Release 29 Apr 2014

Everbright International Obtains Nanjing Gaochun Waste-to-Energy Project

Explores New Technological Ground in Waste Treatment with **the Proposed Use of Plasma Gasification Technology**

29 April 2014, Hong Kong – China Everbright International Limited ("Everbright International" or the "Group") (HKSE: 00257) is pleased to announce that it has signed an investment agreement with the Nanjing Gaochun District People's Government ("Gaochun District Government"), for the investment and construction of a household waste-to-energy project in Gaochun District ("Gaochun Project" or the "Project").

Gaochun Project, with a total investment of approximately HKD400 million, is designed to have a daily household waste processing capacity of 500 tonnes and generate green electricity of over 54,000,000 kWh annually. The Project will be constructed on a BOT (Build-Operate-Transfer) basis for 30 years and its gas emission will comply with the Euro 2000 Standard. In addition to household waste, Gaochun Project will also process other solid waste including agricultural straw and municipal sludge.

Through the introduction of **plasma gasification technology as the Project's preferred technical solution**, it will accelerate the research of new waste treatment technology, with the ultimate goal of manufacturing the technology domestically by adopting it to local markets.

Mr. Chen Xiaoping, CEO of Everbright International, said, "Gaochun Project is situated next to the Group's Nanjing Waste-to-Energy Project and Nanjing Jiangnan Veinous Industrial Park, allowing the three projects to take advantage of their synergy through the use of resources and achieve centralized management to effectively reduce costs. In addition, Gaochun District Government pays considerable attention to energy conservation and development of ecological civilization, and actively tries to employ the harmless treatment, reduction and reuse of household waste. Gaochun Project will be a starting point for us to initiate a comprehensive strategic cooperation with the Gaochun District Government in the areas of environmental protection equipment, environmental protection technology services and other environmental protection investment projects, in order to help improve the quality of the environment in Gaochun District and contribute to the sustainable development of the local community."

**U.S. firm to invest \$390 million to convert solid waste into electricity**

<http://insidecostarica.com/2014/04/28/u-s-firm-invest-390-million-convert-solid-waste-electricity/>

**Cahill Energy to Invest \$240 Million in Barbados Clean Energy Plant**

[www.caribbeanpressreleases.com/articles/10364/1/Cahill-Energy-to-Invest-240-Million-in-Barbados-Clean-Energy-Plant/Page1.html](http://www.caribbeanpressreleases.com/articles/10364/1/Cahill-Energy-to-Invest-240-Million-in-Barbados-Clean-Energy-Plant/Page1.html)

Email [chair@cleartheair.org.hk](mailto:chair@cleartheair.org.hk)



ClearTheAir  
爭氣行動

[www.cleartheair.org.hk](http://www.cleartheair.org.hk)

**Air Products' (AP) second plasma factory will support Government energy drive**

Air Products building another advanced gasification plant in Billingham, UK (1,000 tpd per module)  
[www.thenorthernecho.co.uk/business/news/11172935](http://www.thenorthernecho.co.uk/business/news/11172935). Energy firm starts on second Teesside plant/

**British Airways to fuel flights using landfill waste (1,550 tonnes per day per module)**

[www.tcetoday.com/latest%20news/2014/april/coryton-site-to-host-green-jet-fuel-plant.aspx#.U1sWQmdZrb0](http://www.tcetoday.com/latest%20news/2014/april/coryton-site-to-host-green-jet-fuel-plant.aspx#.U1sWQmdZrb0)

**Solena Lufthansa plant (1,550 tpd) per module**

[www.solenafuels.com/index.php/projects](http://www.solenafuels.com/index.php/projects)

**Solena Turkish Airlines**

[www.biofuelsdigest.com/bdigest/2013/06/25/turkish-airlines-teams-with-solena-fuels-on-bio-jetfuel/](http://www.biofuelsdigest.com/bdigest/2013/06/25/turkish-airlines-teams-with-solena-fuels-on-bio-jetfuel/)

**Solena signs agreements with US & international airlines to supply jet biofuels in northern California**

Ten airlines have signed Letters of Intent (LOI) with Solena Fuels to negotiate the purchase of jet biofuels produced from urban and agricultural waste at a proposed northern California facility, dubbed 'GreenSky California'. The agreement involves seven airline members of the Air Transport Association (ATA) and its development was led by **American Airlines and United Continental**. The other ATA members to the agreement are **Alaska Airlines, FedEx, JetBlue Airways, Southwest Airlines and US Airways**, along with associate member **Air Canada and outsiders Frontier Airlines and Lufthansa**. The facility is planning to produce sustainable jet biofuel to support airline operations at Oakland, San Francisco and/or San Jose airports from 2015.

[www.greenaironline.com/news.php?viewStory=1272](http://www.greenaironline.com/news.php?viewStory=1272)

**Westinghouse Plasma Gasifier in Bije China**

<http://www.waste-management-world.com/articles/2014/03/alter-nrg-to-supply-15-mw-plasma-gasification-waste-to-energy-plant-in-china.html>

<http://finance.yahoo.com/news/alter-nrg-corp-executes-usd-181200824.html>

**Wuhan Kaidi China trash to fuel plasma facility**

<http://www.westinghouse-plasma.com/projects/>

<http://www.waste-management-world.com/articles/2013/01/plasma-gasification-turning-waste-to-fuel-in-china.html>

**Europlasma Morcenx plant (France) is currently under commissioning start-up**

[www.cho-power.com/en/cho-power-in-morcenx-france-a-first-in-europe.html](http://www.cho-power.com/en/cho-power-in-morcenx-france-a-first-in-europe.html)

**Advanced Plasma Power receives planning permission for its waste to energy project in Tyseley UK**

*Press Release: 16 Dec 2013*

<http://blog.advancedplasmawater.com/news/advanced-plasma-power-receives-planning-permission-waste-energy-project-tyseley/>

**Chinook Sciences wins Queen's Award for Enterprise in Innovation - The only company in this clean-tech sector to achieve this honour**

April 21st, 2014

<http://www.chinookenergy.com/articles.asp?newsID=44>

Email [chair@cleartheair.org.hk](mailto:chair@cleartheair.org.hk)



ClearTheAir  
爭氣行動

[www.cleartheair.org.hk](http://www.cleartheair.org.hk)

Chinook is currently finalising construction of the world's largest industrial gasification plant at Oldbury in the West Midlands. The plant is scheduled to begin operations later this year. Chinook has numerous other projects in the pipeline both in the UK and across the globe through its development subsidiary, Chinook Energy. These include the development of plants in Carnbroe, Scotland, Thames Gateway in East London, and the Nottingham Energy Park in Bulwell. The latter will include a manufacturing facility, a research laboratory, training facilities as well as an RODECS® End-Stage Recycling® plant to power the site and local homes and businesses.

Chinook will shortly announce details about a recently-signed project in the Middle East. Work on the site and project has already begun for Phase 1 of the project and it is scheduled for completion at the end of 2015. Once this plant is fully operational, it will be the world's largest waste gasification facility.

#### **Two UK firms recognized for recycling, renewable energy operations**

April 23th, 2014 <http://www.chinookenergy.com/articles.asp?newsID=45>



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
INNOVATION  
2014

**The Queen's Awards for Enterprise**, an annual awards program for British businesses and other organizations who excel at international trade, innovation or sustainable development, has recognized Chinook Sciences and Veolia Environment as winners of the award for 2014. The awards are the highest official U.K. awards for British businesses

#### **Chinook Sciences wins Rushlight Waste to Energy award for 2012-2013**

February 4th, 2013 <http://www.chinookenergy.com/articles.asp?newsID=33>

The Rushlight Awards are judged by an independent panel of recognized experts covering all clean technology sectors and drawn from academia, trade associations, government departments and specialist media. In particular, the judges included senior figures from DEFRA, the Institute of Chemical Engineers, the Institute of Environmental Sciences, DECC, WRAP, PERA, the Renewable Energy Association and the Carbon Trust, along with noted academics from the Universities of York, Newcastle, Nottingham, London, Edinburgh and Cranfield.

Email [chair@cleartheair.org.hk](mailto:chair@cleartheair.org.hk)

The trophy was presented to Chinook Sciences at the annual Rushlight Awards gala dinner on January 31 by Chris Murphy, Deputy Chief Executive of the CIWM (Chartered Institute of Waste Management) with the Minister of State for Energy and Climate Change, Greg Barker in attendance.



**Advanced Plasma Power and Group Machiels announce landmark waste management**

Advanced Landfill Reverse Mining in Belgium

<http://blog.advancedplasmapower.com/press-releases-archive/advanced-plasma-power-and-group-machiels-announce-landmark-waste-management/>

**THE INCINERATOR – GAME OVER**

<https://www.youtube.com/watch?v=JiVt4k12bzk>

Legislate sorting of waste at source !

[https://storify.com/EU\\_ecoinno/16th-eu-forum-on-eco-innovation](https://storify.com/EU_ecoinno/16th-eu-forum-on-eco-innovation)

<https://www.youtube.com/watch?v=Yiy7RZNF0ds&list=PLddRfvph7URTeQQ7wH7yHhqiqtORQYaND>

The European Commissioner for the Environment considers European drivers for change

<https://www.youtube.com/watch?v=Ys8dQeNzKkk&list=PLddRfvph7URTeQQ7wH7yHhqiqtORQYaND>