

To: &CCS[1]1  
From: CB1/LEGCO  
Date: 05/26/2014 09:31AM  
Cc: &SCS[1]1, &CS[1]1, &LGA[1]1, &CA[1]1  
Subject: Fw: Very concerned with Environmental Impacts of EPD's approach to Waste Management

-----Forwarded by CB1/LEGCO on 05/26/2014 09:31AM -----

To: <wklo@engineer.com>, <lcc.ntw@dab.org.hk>, <jkstolegco@gmail.com>, <kiclegco@gmail.com>, <elau@dphk.org>, <yctam@dab.org.hk>, <arazack@netvigator.com>, <khwong@ftulegco.org.hk>, <info@cydho.org.hk>, <garychk@dab.org.hk>, <leungkl@leungkl.org>, <ipkh@dab.org.hk>, <contact@alanleong.net>, <albert.wychan@yahoo.com.hk>, <legco@michaeltien.hk>, <tpc@jamestien.com>, <frankieyick@liberal.org.hk>, <chiwaioffice@gmail.com>, <fankwokwaioffice@gmail.com>, <fkmaoffice@gmail.com>, <charlesmok@charlesmok.hk>, <benchanlegco@gmail.com>, <info@chankalok.hk>, <yhchan@ftulegco.org.hk>, <amlegco@gmail.com>, <info@cheungchiuhung.org.hk>, <helenawonghk@gmail.com>, <eq@eqweb.hk>, <chianglaiwan@gmail.com>, <office@chungsk.com>, <info@tonytsewaichuen.com>  
From: "Craig and Elisa Colbran"  
Date: 05/23/2014 08:29PM  
Cc: <info@livingislands.org.hk>, <cb1@legco.gov.hk>  
Subject: Very concerned with Environmental Impacts of EPD's approach to Waste Management

Dear Panel Member

I am concerned with the incinerator at Shek Kwu Chau

I urge you to watch this video: in both English and Cantonese

[https://www.youtube.com/watch?v=nLahh9hr0IY&index=2&list=UUPpbkeYjWvH-h95Pz\\_N4nIA](https://www.youtube.com/watch?v=nLahh9hr0IY&index=2&list=UUPpbkeYjWvH-h95Pz_N4nIA)

Thank you

Craig Colbran

To: &CCS[1]1  
From: CB1/LEGCO  
Date: 05/26/2014 09:35AM  
Cc: &SCS[1]1, &CS[1]1, &LGA[1]1, &CA[1]1  
Subject: Fw: Rezoning of Sites to Facilitate Implementation Integrated Waste Management for Hong Kong

-----Forwarded by CB1/LEGCO on 05/26/2014 09:34AM -----

To: <tpbpd@pland.gov.hk>, <submissions@wastehk.org>, <wklo@engineer.com>, <lcc.ntw@dab.org.hk>, <jkstolegco@gmail.com>, <kiclegco@gmail.com>, <elau@dphk.org>, <yctam@dab.org.hk>, <arazack@netvigator.com>, <khwong@ftulegco.org.hk>, <info@cydho.org.hk>, <garychk@dab.org.hk>, <leungkl@leungkl.org>, <ipkh@dab.org.hk>, <contact@alanleong.net>, <albert.wychan@yahoo.com.hk>, <legco@michaeltien.hk>, <tpc@jamestien.com>, <frankieyick@liberal.org.hk>, <chiwaioffice@gmail.com>, <fankwokwaioffice@gmail.com>, <fkmaoffice@gmail.com>, <charlesmok@charlesmok.hk>, <benchanlegco@gmail.com>, <info@chankalok.hk>, <yhchan@ftulegco.org.hk>, <amlegco@gmail.com>, <info@cheungchiuhung.org.hk>, <helenawonghk@gmail.com>, <eq@eqweb.hk>, <chianglaiwan@gmail.com>, <office@chungsk.com>, <info@tonytsewaichuen.com>, <cb1@legco.gov.hk>  
From: "Gwyneth"  
Date: 05/23/2014 09:14PM  
Cc: "Living Islands Movement - Members" <info@livingislands.org.hk>  
Subject: Rezoning of Sites to Facilitate Implementation Integrated Waste Management for Hong Kong

Dear Sirs

I am writing to follow up my earlier email and to reiterate my support of IWMA's original and revised planning application (b) because:

1. The extent of and management of Hong Kong's municipal solid waste is a pressing issue. I support a holistic action plan as provided in the IWMAAG proposal.
2. In conjunction with the proposal, waste education, reduction of waste at source, better use of surplus food by the hospitality industry, sorting waste, recycling and re-using waste are vital to the future of Hong Kong and the rest of the world.
3. IWMAAG propose four sites for **regional** Integrated Waste Management Facilities with facilities **appropriate to each site** including sorting systems, composting plants and a waste-to-energy plant **based on modern technology**. As such, this presents a much better approach than the current Government idea of scattering facilities in random areas to provide inadequate capacity to address the enormity of the problem. The four regional sites are distributed throughout Hong Kong and convenient to different waste generation catchment areas and three are either at or close to landfill sites. In addition, all four sites are far from residential developments and three of them have sea access.
4. Most importantly, for the residents of Hong Kong and visitors to Hong Kong and Macau, the application clearly demonstrates that the Government's idea of setting up an IWWF on artificial island adjacent to pristine Shek Kwu Chau is redundant, a flagrant waste of tax payers money, hazardous to the environment, damaging to health, and simply not sensible. The island of Shek Kwu Chau has been identified as a Conservation Area and its surrounding waters are of high ecological value. The proposal to rezone Shek Kwu Chau as a Marine Reserve is the appropriate, sustainable and world-class approach.

Please note and acknowledge and consider my support for IWMAAG's application. Please be smart and take this opportunity for a holistic approach to waste management that will mark Hong Kong as world leader instead of a source of derision.

Thank you and regards

Gwyneth MacCormick

To: &CCS[1]1  
From: CB1/LEGCO  
Date: 05/26/2014 09:36AM  
Cc: &SCS[1]1, &CS[1]1, &LGA[1]1, &CA[1]1  
Subject: Fw: EPD's approach to Waste Management should you be concerned

-----Forwarded by CB1/LEGCO on 05/26/2014 09:35AM -----

To: <wklo@engineer.com>, <lcc.ntw@dab.org.hk>, <jkstolegco@gmail.com>, <klclegco@gmail.com>, <elau@dphk.org>, <yctam@dab.org.hk>, <arazack@netvigator.com>, <khwong@ftulegco.org.hk>, <info@cydho.org.hk>, <garychk@dab.org.hk>, <leungkl@leungkl.org>, <ipkh@dab.org.hk>, <contact@alanleong.net>, <albert.wychan@yahoo.com.hk>, <legco@michaeltien.hk>, <tpc@jamestien.com>, <frankieyick@liberal.org.hk>, <chiwaioffice@gmail.com>, <fankwokwaioffice@gmail.com>, <fkmaoffice@gmail.com>, <charlesmok@charlesmok.hk>, <benchanlegco@gmail.com>, <info@chankalok.hk>, <yhchan@ftulegco.org.hk>, <amlegco@gmail.com>, <info@cheungchiuhung.org.hk>, <helenawonhk@gmail.com>, <eq@eqweb.hk>, <chianglaiwan@gmail.com>, <office@chungsk.com>, <info@tonytsewaichuen.com>  
From: "Craig and Elisa Colbran"  
Date: 05/24/2014 08:53AM  
Cc: <info@livingislands.org.hk>, <cb1@legco.gov.hk>  
Subject: EPD's approach to Waste Management should you be concerned

Dear Panel Member

please watch the following link. The previous link was wrong.

[https://www.youtube.com/watch?list=UUPPBkeYjWvH-h95Pz\\_N4nIA&v=zMDkiCV8fzc](https://www.youtube.com/watch?list=UUPPBkeYjWvH-h95Pz_N4nIA&v=zMDkiCV8fzc)

The title is "Man on Emission"

Thankyou

Craig Colbran

**From:** "James Middleton"  
**To:** <f\_pwsc@legco.gov.hk>, <panel\_ea@legco.gov.hk>, <panel\_fa@legco.gov.hk>  
**Cc:** <kalokchan@civicparty.hk>, <info@cydho.org.hk>, <garyfantko@gmail.com>, <albert.wychan@yahoo.com.hk>, "Dennis Kwok" <dennis.whkwok@gmail.com>, <elau@dphk.org>, "Clear TheAir" <ctawebupdates@gmail.com>

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**Date:** Tuesday, May 27, 2014 06:32AM  
**Subject:** Elvis Au yet to convince on case for an incinerator in Hong Kong

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>

Dear Hon Members,

Legco should summon Elvis AU et al from EPD and ENB and question them as to why they are ignoring the peer reviewed reports, many freely available online, from prominent expert sources, which show increased deaths, cancers, orofacial defects, foetus damage etc in areas in proximity to incinerators.

The burning landfill in the sky's particulates kill and maim people whilst inflicting life-long use of landfills / ash lagoons. The next \$ billions request will be to build Hong Kong's Pulau Semakau in the sea as the new ash lagoons due to their inept policy conceived in 2002, yet we still have no source separation of waste legislation.

Meanwhile AU prides himself as being a CIWEM member yet deliberately ignores their CIWEM worldwide policy (including Hong Kong) recommendation on food waste handling, saying without evidence, it would not work here – a fact denied by the head of the Waste Water Management Committee of CIWEM UK, a world renowned expert.

<http://www.ciwem.org/policy-and-international/policy-position-statements/food-waste-disposers.aspx>

<http://www.ciwem.org/knowledge-networks/branches/hong-kong.aspx>

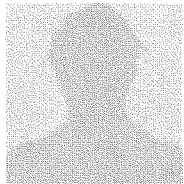
we note the Chairman of CIWEM Hong Kong (Lee Ping Kuen) is employed by AECOM, the Govt's incinerator consultants, and that EPD and Water Supplies Department officers sit on their committee.

Kind regards,

James Middleton

Chairman

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



dienw May 27th 2014

1:49am

Agreed. I think there is a reluctance to implement proper recycling laws too. Beyond the token bins for plastic, paper and metal (why no glass?) (which are probably still dumped in the landfill anyway), there has been absolutely no attempt to educate the public about recycling nor is there any sign of legislation about mandatory recycling. Year after year I listen to our CEs' policy addresses and this issue is never addressed - it's all about landfill expansion and incinerators, a completely defeatist attitude.





dynamco May 27th 2014

6:06am

as for their 'local recycling' figures they are a sham, including imported transit waste  
they want to legislate a charge for waste but do not want to legislate source separation of waste  
any NT villager or private residence who separates their waste nicely will still get charged as they do not have a collection system in place & all will be dumped together so what's the point?  
Meanwhile the behemoth incinerator will not appear until 2023 when the rest of the world will be using plasma gasification successfully for 9 years & at least 14 world airlines flying on biojet fuel made from the syngas with Maersk, the world's biggest shipper using bio marine fuel from the Fischer Tropsch process syngas  
AU blatantly lied, not just downplayed, the effects of incinerators to those living in proximity to the burner  
Hong Kong's proposed il have a 150 meter chimney stack meaning the whole of Hong Kong , Macau & south PRD will be the NIMBY area  
Legco should investigate his lies

# South China Morning Post 南華早報

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## Elvis Au yet to convince on case for an incinerator in Hong Kong

Tuesday, 27 May, 2014, 1:19am

Business

LAI SEE

Howard Winn

The assistant director of the Environmental Protection Department, Elvis Au, has responded to criticisms of the proposed Shek Kwu Chau incinerator in a letter in yesterday's *South China Morning Post*.

*Lai See*, along with others, has long argued that there are better, cheaper and more appropriate technologies for dealing with Hong Kong's municipal solid waste (MSW). It is no doubt true that modern incinerators have substantially reduced emission levels. But this is not to say, as Au claims, that they do not pose a risk to public health.

Indeed there have been numerous papers written on incinerators and their impact on public health. There is still significant concern over this issue. In Europe, where there are hundreds of incinerators, several doctors' associations (which included environmental chemists and toxicologists) in 2008 wrote to the European Parliament with concerns over incinerator particle emissions and the absence of specific fine and ultra-fine particle size monitoring or in depth industry/government epidemiological studies of these minute and invisible incinerator particle size emissions. So the science on the impact of emissions on public health is not conclusive.

Au says it is incorrect to say that the technology is outdated and that most new thermal treatment plants are of the kind proposed for Hong Kong. The EPD's plans were first formulated around 2002, before being approved by the Advisory Council on the Environment in 2005.

Municipal authorities around the world have since looked at other technologies. A number of local authorities in the United States, China and Britain, among other countries, have built or are in the process of building plasma gasification plants. With virtually zero emissions, these plants can convert waste to energy in the form of syngas, which can be used to generate electricity or turned into biofuel. The process leaves an inert vitrified slag which can be used in construction.

The EPD's proposal for Hong Kong will result in about 1,000 tonnes a day of bottom ash which the EPD plans bury in the ash lagoon near Tuen Mun and, when that is full, presumably in landfills. Another aspect of this is that about half of the MSW that currently goes to landfill is food waste; Hong Kong's is particularly wet at 70-90 per cent water content.

In the World Bank's *Decision Makers Guide to Municipal Solid Waste Incineration*, it recommends that incineration is applicable only when the lower calorific value of the feedstock is on average over 7 megajoules per kilogram (MJ/kg) and should never fall below 6 MJ/kg. Hong Kong's food waste, according to the government,

is around 2 MJ/kg, which will require additional fuel to enable it to burn.

The Chartered Institution of Water and Environmental Management, the leading global professional body for people working in environmental business, advises that one of the best ways of dealing with wet food waste is to garburate it at source and put it down the drain. It could easily be handled by the Stonecutters Water Treatment plant, according to engineers.

The government has ignored this possibility. Legally enforceable sorting of waste would enable more efficient recycling. This would further reduce the volume of MSW that would need to be incinerated, and would possibly reduce the need for such a large incinerator.

Au has consistently claimed that plasma arc technology is untested. "It would take several years of operation before the effectiveness and efficacy of those plants can be evaluated and established," he says in his letter.

Not everyone shares Au's view. *Lai See* recalls attending the International Conference on Solid Waste 2013 - Innovation in Technology and Management in Hong Kong, at which Professor Umberto Arena, a waste energy specialist from Second University in Naples, said the plasma arc technology has been tried and tested over 10 years.

Despite the "years of review" by the department, we do not feel that Au has made a convincing case for the need to build a moving grate incinerator. There are other ways of dealing with our waste.

The plans have been a long time in the making and one gets the sense that one of the reasons we appear to be stuck with the incinerator proposal, is bureaucratic reluctance to rethink the project.

**Have you got any stories that Lai See should know about? E-mail them to [howard.winn@scmp.com](mailto:howard.winn@scmp.com) [1]**

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**Source URL (retrieved on May 27th 2014, 6:06am):** <http://www.scmp.com/business/article/1519784/elvis-au-yet-convince-case-incinerator-hong-kong>

**Links:**

[1] <mailto:howard.winn@scmp.com>

**From:** "James Middleton"  
**To:** <panel\_fa@legco.gov.hk>, <panel\_ea@legco.gov.hk>, <f\_pwsc@legco.gov.hk>  
**Cc:** "Clear TheAir" <ctawebupdates@gmail.com>, <info@cydho.org.hk>, <kalokchan@civicparty.hk>, <garyfantko@gmail.com>, <albert.wychan@yahoo.com.hk>, <info@cydho.org.hk>

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**Date:** Monday, May 26, 2014 06:23AM  
**Subject:** AU : 'Proposed incinerator will meet latest EU emission standards'

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>

Dear Hon Members of the Panel on Financial Affairs, Public Works Subcommittee and Panel on Environmental Affairs

Pls see the newspaper letter to editor article and online comment herewith regarding a letter from Elvis AU of EPD.

Kind regards,

James Middleton

Chairman

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



dynamco May 26th 2014 5:52am

'will not have adverse impacts on public health'

AU's a blatant liar/ misconduct in public office ignoring online peer research '**deaths cancer proximity incinerators**'

China embraced gasification & away from moving grate

[www.seas.columbia.edu/earth/wtert/sofos/Rapid\\_Emerging\\_Tech\\_CFB.pdf](http://www.seas.columbia.edu/earth/wtert/sofos/Rapid_Emerging_Tech_CFB.pdf)

HKG's wet market food waste has 90% water content.

Burning MSW tainted by food waste (CV<2MJ/kg) oil or coal needs to be added as takes more energy to burn 2 MJ/kg CV food waste than can be recovered : co-combustion requires 7 MJ/kg Calorific Value

Copenhagen 2017 plant was opposed by ENB Minister Ida Auken

*"In a few weeks, Govt will present a strategy requiring households to sort waste into several bins rather than sending the majority of it to the incinerator. Danes will have to sort more of their waste. The goal is definitely to recycle more & incinerate less. That is a paradigm shift for Denmark, because so far, we have been the world champions of waste incineration"* Auken

<http://cphpost.dk/news/environment-minister-calls-for-increased-recycling-and-waste-sorting.6554.html>

Burn an empty box of course you reduce the volume but by weight 30% remains after burning that needs LANDFILL. Wet waste needs increased burn temp or dioxins spew.

**Blatant CIWEM member AU ignores CIWEM's policy on food waste:**

[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)

**Where is our source separation of MSW legislation?**

[www.vancouverobserver.com/print/node/18295](http://www.vancouverobserver.com/print/node/18295)

# South China Morning Post 南華早報

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## Proposed incinerator will meet latest EU emission standards

Monday, 26 May, 2014, 3:43am

Comment › Letters

I refer to the letters by Martin Williams ("[Officials have failed to convince public about merits of incinerator](#) [1]", May 1) and Charlie Chan ("[Incineration plans are outdated](#) [2]", May 10) and the columns by Philip Bowring ("[The politics of self-interest rules in Hong Kong](#) [3]", May 4) and Howard Winn in Lai See ("[Waste matters](#) [4]", May 3).

The thermal treatment technology to be adopted for Hong Kong's first integrated waste management facility for municipal solid waste (MSW) near Shek Kwu Chau has been subject to a lengthy and thorough review process covering, for example, advanced moving grate, gasification and plasma gasification. Advanced moving grate was chosen because it is still the mainstream waste treatment technology adopted worldwide for large-scale MSW treatment. It has merits on environmental performance, reliability, operation adaptability and cost effectiveness.

It is incorrect to say moving grate is outdated. It has had continuous enhancements over the years and is still regarded as very reliable and robust to fully meet the latest European Union emission standards, which are the highest standards for modern incinerators in the world. In fact, over 90 per cent of new thermal treatment plants commissioned since 2009 used moving grate technology, including new plants being built, such as in Copenhagen.

Hong Kong's facility will also adopt state-of-the-art, advanced systems such as the selective catalytic reaction system to further reduce the emission of nitrogen oxides.

We are fully aware of those plasma gasification plants referred to by Winn. These plants are still under commissioning, construction or yet to be built.

Compared to the treatment capacity of 3,000 MSW [tonnes] per day we are planning, the plasma gasification plants are still relatively small, with very limited performance track record.

It would take several years of operation before the effectiveness and efficacy of those plants can be evaluated and established. We will closely monitor their development and take into account their actual operational experiences in future studies.

The environmental impact assessment concluded the operation of the modern incinerators **will not have adverse impacts on public health**. Recent international reviews show well-managed and regulated **modern municipal waste incinerators do not pose a risk to public health**.

The integrated waste management facility can help reduce the volume of municipal solid waste by 90 per cent, significantly reducing the use of landfill space, turn waste into energy and contribute to climate change mitigation.

*Elvis W. K. Au, assistant director of environmental protection*

More on this:

[Officials have failed to convince public about merits of incinerator \[1\]](#)

[Letters to the Editor, May 10, 2014 \[2\]](#)

[The politics of self-interest rules in Hong Kong \[3\]](#)

[Steve Miller plans to start his third airline \[4\]](#)

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**Source URL (retrieved on *May 26th 2014, 5:53am*):** <http://www.scmp.com/comment/letters/article/1519567/proposed-incinerator-will-meet-latest-eu-emission-standards>

**Links:**

[1] <http://www.scmp.com/comment/letters/article/1501190/officials-have-failed-convince-public-about-merits-incinerator>

[2] <http://www.scmp.com/comment/letters/article/1508709/letters-editor-may-10-2014>

[3] <http://www.scmp.com/comment/insight-opinion/article/1503515/politics-self-interest-rules-hong-kong>

[4] <http://www.scmp.com/business/article/1502984/steve-miller-plans-start-his-third-airline>

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Google search for yourselves and find what AU deliberately omits and lies about: ` **deaths cancer proximity incinerators** ' **here is a random selection – there are many more**

## Results

1. [PDF]

1-s2 0-S0160412012002279-mainIncindeaths - Clear The ...

[news.newclear.server279.com/.../1-s2-0-S0160412012002279-mainInci...](http://news.newclear.server279.com/.../1-s2-0-S0160412012002279-mainInci...)

o Cached

o Similar

by J García-Pérez - 2013 - Cited by 5 - Related articles

In the case of pollution sources in **Spain**, the European Commission directives passed in ... between **cancer mortality** and proximity to **incinerators** and hazardous.

2. **Cancer mortality** in towns in the vicinity of **incinerators** and ...

[www.ncbi.nlm.nih.gov/...](http://www.ncbi.nlm.nih.gov/...)

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National Center for Biotechnology Information

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by J García-Pérez - 2013 - Cited by 5 - Related articles

Nov 13, 2012 - **Cancer mortality** in towns in the vicinity of **incinerators** and ... Neoplasms/**mortality**\*; **Spain**; Waste Products/statistics & numerical data ...



1. [PDF]

## **Cancer mortality** in towns in the vicinity of **incinerators** and ...

[w390w.gipuzkoa.net/WAS/CORP/.../descarga.do?...](http://w390w.gipuzkoa.net/WAS/CORP/.../descarga.do?...)

o Cached

Spanish-based **incinerators** and installations for the recovery or disposal of hazardous .... tween **cancer mortality** and **proximity** to **incinerators** and hazardous.

## 2. **Cancer** incidence near municipal solid waste **incinerators** in ...

[www.ncbi.nlm.nih.gov/...](http://www.ncbi.nlm.nih.gov/...)

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by P Elliott - 1996 - Cited by 136 - Related articles

**Cancer mortality** in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. ... with **proximity** to municipal solid waste **incinerators** with high dioxin emission ...

## 3. Residence Near a Municipal Solid Waste **Incinerator** and ...

[journals.lww.com/.../Residence\\_Near\\_a\\_Mu...](http://journals.lww.com/.../Residence_Near_a_Mu...)

Lippincott Williams & Wilkins

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by I Marcilio - 2006 - Cited by 1 - Related articles

These findings suggests a higher risk of **death** from lung and liver **cancer** in the **proximity** of a municipal solid waste **incinerator**, with a statistically significant ...

#### 4. **Cancer** incidence near municipal solid waste **incinerators** in ...

[www.researchgate.net/.../14595665\\_Cancer\\_incidence\\_near\\_...](http://www.researchgate.net/.../14595665_Cancer_incidence_near_...)

ResearchGate

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ABSTRACT: To assess whether residential **proximity** to industrial **incinerators** in England is associated with increased risk of **cancer** incidence and **mortality**.

#### 5. Health hazards and waste management

[bmb.oxfordjournals.org/content/68/1/183.full](http://bmb.oxfordjournals.org/content/68/1/183.full)

o Similar

by L Rushton - 2003 - Cited by 104 - Related articles

There is little evidence for an association with reproductive or developmental effects with **proximity** to **incinerators**. Studies of **cancer** incidence and **mortality** in ...

#### 6. Childhood **cancers**, birthplaces, **incinerators** and landfill sites

[ije.oxfordjournals.org/.../391.full...](http://ije.oxfordjournals.org/.../391.full...)

o Similar

International Journal of Epidemiology

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by EG Knox - 2000 - Cited by 68 - Related articles

Jan 18, 2000 - weakened a real **proximity** effect rather than created a false one, ... geographical studies of childhood **cancer deaths** in Great Britain between ...

## 7. Spanish study shows increased risk of **cancer** near ...

[www.gainscotland.org.uk/Spanish\\_study\\_shows\\_higher\\_cancer\\_risk\\_De...](http://www.gainscotland.org.uk/Spanish_study_shows_higher_cancer_risk_De...)

- Cached

Spanish study shows increased risk of **cancer** near **incinerators**, December 2012. A new study relating **cancer mortality** and **proximity** to waste **incinerators** in ...

## 1. **Cancer** incidence near municipal solid waste **incinerators** in ...

[www.ncbi.nlm.nih.gov/...](http://www.ncbi.nlm.nih.gov/...)

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by P Elliott - 1996 - Cited by 136 - Related articles

**Cancer mortality** in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. ... to municipal solid waste **incinerators** with high dioxin emission levels in **Japan**.

## 2. Risk of adverse reproductive outcomes associated with ...

[www.ncbi.nlm.nih.gov/...](http://www.ncbi.nlm.nih.gov/...)

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by T Tango - 2004 - Cited by 41 - Related articles

... with **proximity** to municipal solid waste **incinerators** with high dioxin emission levels in ... emitted from municipal solid waste **incinerators** has increased in **Japan**. ... 225,215 live births, 3,387 fetal **deaths**, and 835 infant **deaths** were confirmed.

Missing: ~~cancer~~

1. [PDF]

CB(1)1474/12-13(01)

[www.legco.gov.hk/.../eacb1-1474-1-e...](http://www.legco.gov.hk/.../eacb1-1474-1-e...)

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o Similar

Legislative Council of Hong Kong

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Jun 30, 2013 - Numerous peer reviewed scientific reports show clearly that **proximity** to **incineration** sources causes increased ... Therefore the proposed **incinerators** would also exacerbate **cancers** and **deaths** in Macau and Futian areas and .... The **Japanese** have embraced gasification technologies for the processing of ...

2. [PDF]

The Health Effects of Waste **Incinerators** - British Society for ...

[www.bsem.org.uk/uploads/IncineratorReport\\_v3.pdf](http://www.bsem.org.uk/uploads/IncineratorReport_v3.pdf)

o Cached

and about the risks of other pollutants released from **incinerators**. (see section .... and **mortality** from lung **cancer**, after adjustment for other factors. A more .....

Studies in **Japan** showed a higher incidence of asthma with increasing NO2 ..... residential **proximity** to hazardous waste site and adverse reproductive outcomes."186.

## 1. incinerators - UK Health Research

[www.ukhr.eu/incineration/objectionletter.htm](http://www.ukhr.eu/incineration/objectionletter.htm)

- o Cached

I object to the above planning application for an **incinerator** at Harlescott because: .... the abstract of the 2004 **Japanese** study of infant **deaths** around 63 **incinerators**: ... with **proximity** to municipal solid waste **incinerators** with high dioxin emission ... of University of North Carolina, found suicides and **cancers** clustered around

## 1. Waste Incineration: A Dying Technology - GAIA

[www.no-burn.org/.../Waste%20Incineration%20-%20A%20Dying%20T...](http://www.no-burn.org/.../Waste%20Incineration%20-%20A%20Dying%20T...)

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by W Incineration - Cited by 1 - Related articles

In **Japan**, the most **incinerator**-intensive country on Earth, resistance to ..... to the family of a truck driver who **died** in 1984 from **cancer** allegedly tied to exposure ..... **proximity** to an **incinerator**, but have not yet established mechanisms for these ...

## 2. [PDF]

### Report - Health Care Without Harm

[noharm.org/lib/downloads/waste/Health\\_Effects\\_of\\_Incinerators.pdf](http://noharm.org/lib/downloads/waste/Health_Effects_of_Incinerators.pdf)

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There are no certainties in pinning specific health effects on **incineration**: the report makes that .... **mortality** from lung **cancer**, after adjustment for other factors. .... **Japan** showed a higher incidence of asthma with increasing NO2 levels and that it ..... **proximity** to hazardous waste site and adverse reproductive outcomes."(147) ...

## 1. Systematic review of epidemiological studies on health effects

[www.ehjournal.net/content/8/1/60](http://www.ehjournal.net/content/8/1/60)

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by D Porta - 2009 - Cited by 56 - Related articles

Dec 23, 2009 - Management of solid waste (mainly landfills and **incineration**) ... **mortality** to estimate **cancer** incidence in **proximity** to a suspected source of pollution (+). ..... in **Japanese** children and the distance of schools from **incineration** ...

## 2. Environmental Health | Full text | **Mortality** and morbidity ...

[www.ehjournal.net/content/10/1/22](http://www.ehjournal.net/content/10/1/22)

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by A Ranzi - 2011 - Cited by 15 - Related articles

Mar 24, 2011 - Exposure to the **incinerators** was associated with **cancer mortality** among ..... on the risk of breast **cancer** in the **proximity** of **incinerators** is rather poor [1,2]. ..... solid waste **incinerators** with high dioxin emission levels in **Japan**

## 1. Toxic ash fall yet again in Jindal's Okhla **incinerator** plant ...

[www.toxicswatch.org/2014/03/toxic-ash-fall-yet-again-in-jindals.html](http://www.toxicswatch.org/2014/03/toxic-ash-fall-yet-again-in-jindals.html)

- Cached

Mar 29, 2014 - Fatal threat from municipal waste **incinerator** plant, doctors write to Prime .... Increased levels of dioxins have been found in the tissues of residents near to **incinerators** in the UK, Spain and **Japan**. ... liver and lung **cancer** increased with closer **proximity** to **incinerators**". ... 13,00,000 to 30,000,000 **deaths**.

2. [PDF]

## Health effects of exposure to waste **incinerator** ... - hia21

[www.hia21.eu/dwnld/20120419\\_18.pdf](http://www.hia21.eu/dwnld/20120419_18.pdf)

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- o Similar

2004 - Cited by 97 - Related articles

Apr 19, 2012 - between a high **cancer death** rate and environmental concentration of .... **incinerators** of the blood biochemical. (**Japan**) indicators. [72]. Cross-sectional ..... **proximity** to several industrial sources [25, 26]. The risk seems to be ...

## 1. Finger points at Grundon's **incinerator** as **toxic** cloud covers ...

[www.colnbrook.info/fingers-point-at-grundons-incinerator-as-toxic-clou...](http://www.colnbrook.info/fingers-point-at-grundons-incinerator-as-toxic-clou...)

- o Cached
- o Similar

Sep 8, 2013 - Finger points at Grundon's **incinerator** as **toxic** cloud covers **Colnbrook**. Air pollution in **Colnbrook** on Thursday hit unprecedented levels with a ..... **Mr Afriye** has notably failed to utter a single word in defence of **Colnbrook**.

## 2. A health timebomb

[myweb.tiscali.co.uk/freeblackpark/sain/timebomb.htm](http://myweb.tiscali.co.uk/freeblackpark/sain/timebomb.htm)

- Cached

The **Colnbrook Incinerators** – A Health Time Bomb. By **Dr J Thompson** ... build a clinical **incinerator**, of the type banned in Ireland, which will burn **hazardous** and ...

## 1. **Incinerator** deaths by **Dr Dick van Steenis** - Whale

[www.whale.to/vaccine/steenis2.html](http://www.whale.to/vaccine/steenis2.html)

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**Dr van Steenis** is an internationally known and respected researcher and ... 63 per ton plus health damage plus huge volumes of **toxic** ash for disposal. ... An **incinerator** built in **Colnbrook** 1990 caused Slough SMR to worsen from 88 to 121 by ...

## 2. [DOC]

### **Dr. Dick van Steenis**

[www.elc.org.uk/papers/2005vansteenis.doc](http://www.elc.org.uk/papers/2005vansteenis.doc)

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by D van Steenis - Cited by 3 - Related articles

Also unlimited imports of **hazardous** waste mixed as "fuel" plus imported current ... At the new Grundon **incinerators (Colnbrook)** there will be no monitoring

## 1. PDF]

### **Werkgroep verbrandingsoven Sint-Niklaas - Het Vlaams ...**

[www.milieugezondheid.be/Report\\_health\\_impact\\_Belgian\\_MIWA\\_wast...](http://www.milieugezondheid.be/Report_health_impact_Belgian_MIWA_wast...)

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- Similar

**living under** the smoke of a waste **incinerator**. Report on the health impact of the ... 07/01 **Belgian** platform environment and health ☎ + fax:32-3-766.12.02 ...

## 2. Colnbrook **Incinerators** - A Health Time Bomb by Dr J ...

[www.slough.info/sain/sain02/sain02thompson05.html](http://www.slough.info/sain/sain02/sain02thompson05.html)

- Cached
- Similar

The study of the Sint Niklaas **incinerator** in **Belgium** also showed that after five years ..... Key Study 2:- Mispelstraat:**living under** the smoke of a waste **incinerator** ...

- 3. [PDF]

## **INCINERATION AND HUMAN HEALTH - Salud sin Daño**

[https://saludsindanio.org/sites/.../Incineration\\_and\\_Human\\_Health.pdf](https://saludsindanio.org/sites/.../Incineration_and_Human_Health.pdf)

- Cached

by M Allsopp - 2001 - Cited by 75 - Related articles

HEALTH IMPACTS ON POPULATIONS **LIVING NEAR TO INCINERATORS**. 24 ..... **Belgium**. In **Belgium**, testing was carried out on an **incinerator** using the routine technique of taking "point ... or tested **under** their normal operating conditions.

- 4. [PDF]

## **Mispelstraat: living under** the smoke of a waste **incinerator**.

[www.epa.ie/licences/lic\\_eDMS/090151b2800980c6.pdf](http://www.epa.ie/licences/lic_eDMS/090151b2800980c6.pdf)

o Cached

Jan 17, 2005 - WASTE INCINERATOR IN SINT-NIKLAAS. (BELGIUM). II. "De Mispelstraat". (Medlarstreet) : **living under the smoke of a waste incinerator.**

To: Paul Melsom  
From: Paul Melsom  
Date: 05/27/2014 07:53AM  
Subject: Finless Porpoises -real threat of local extinction

## **Finless Porpoises -real threat of local extinction through the reclamation of Integrated Waste Management Facilities**

I wonder how many legislators that are on the LEGCO Public Works subcommittee for the Integrated Waste Management Facility (IWWMF) and who are now presently engaged in deciding on the approval for its funding have been to South Lantau and to Shek Kwu Chau, to see the majestic Indo-Pacific Finless Porpoises?

A few months ago I was privileged and overawed to see many of these Finless Porpoises swimming in the exact same area where the proposed IWWMF or otherwise more commonly known as the mega incinerator is proposed to be built. These mammals have been swimming contently in this near pristine marine habitat for perhaps thousands of years and are, blissfully unaware of the development (if approved) will completely destroy it.

A future mirror image of what will happen to Shek Kwu Chau and the surrounding waters was evident when on our way to see the Finless porpoises we saw some Pink Dolphins in north Lantau waters who are literally trying to survive in what I can only describe as upsetting and unforgiving conditions with hundreds of dirty noisy polluting vessels which are currently building the Hong Kong –Zhuhai-Macau-bridge. The future survival for the pink dolphins looks very bleak and the Finless Porpoises will have these same apocalyptic conditions destroying their habitat too; affecting their feeding, their society, their breeding and nurturing

their young.

The numbers of pink dolphins in Hong Kong waters have fallen alarmingly by more than half since 2003.

The convention for international trade in endangered species (CITES) agreement, which Hong Kong commendably signed back in 1973 and adhered to by protecting species from being traded was incorporated into the Protection of endangered species of animals and plants Ordinance CAP 586. Included in this list in Appendix 2 is the Pink Dolphin and the Finless Porpoise, but under its scientific name (*Neophocaena phocaenoides*).

What I find incredibly unbelievable is that under this ordinance inexplicably there is no equivalent local law to protect both these mammals in Hong Kong waters!

And to make this situation truly incomprehensible, under the International Union for Conservation of Nature (IUCN) red list, the status of the Finless porpoise is 'vulnerable' which means they are facing a high risk of extinction in the wild in the medium-term future.

Alarm bells should be ringing in the Agricultural Fisheries and Conservation Department, especially as they are presently overseeing the Biodiversity strategy action plan for Hong Kong.

**To sum up, simply this does make any sense at all, as on the one hand the government is protecting the international trade of these species and on the other hand it is proposing to accelerate their extinction locally in Hong Kong waters through development projects. We should not wait for the Finless porpoise and the Pink Dolphin to become locally extinct, as with the ill-fated Chinese Yangtze River Dolphin which until a few years ago lived on this planet for millions of years and is now extinct, i.e., gone forever-due to mans blinkered arrogance!**

I would also like to propose that the Environmental Protection Department (EPD) should seriously consider changing its name to the Extinction of Local Species Department (ELSD).

Thank you for reading this,

**Paul Melsom Eco-educator and Conservationist**