

教育統籌局的信頭

Letterhead of EDUCATION AND MANPOWER BUREAU

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來函檔號 Your Ref.:

1 April 2000

Mrs Sharon Tong
Clerk to the Panel on Manpower
Legislative Council Secretariat
3/F, Citibank Tower
No. 3 Garden Road
Central
Hong Kong

Dear Mrs Tong,

LegCo Panel on Manpower

Members requested the Administration to provide information on job opportunities arising from environmental protection initiatives highlighted in the 1999 Policy Address.

The Environment and Food Bureau advises that a total of 1,191 jobs may be created in both the public and private sectors between 2000 and 2006. This is based on the assumption that the major environment, conservation and energy efficiency initiatives as outlined in the 1999 Policy Address are all implemented. A summary of the assessment is at Annex I; a list of the relevant projects/initiatives with the job creation projection is at Annex II; and a summary of the breakdown by occupational group of the jobs to be created is at Annex III.

In addition, as part of the waste reduction efforts, the Administration is actively promoting material recovery and recycling measures in the coming years. Measures will include promoting waste separation at source; completion of a study on integrating waste recovery and recycling operations into the waste collection system; identification of suitable short term of land for recycling, and examining the feasibility of developing recycling parks.

These measures are designed to help build a more sustainable waste management system. At the same time, it is expected that as the private sector participate in the associated services, more business, and hence employment, opportunities can be generated.

Yours sincerely,

(Miss Erica Ng)
for Secretary for Education and Manpower

with encl.

Summary of job creation as a result of Government major initiatives**A. Environmental Protection Department**

<u>Year</u>	<u>Government</u>		<u>NGO</u>		<u>Private Sector</u>	
	<u>Permanent</u>	<u>Project based</u>	<u>Permanent</u>	<u>Project based</u>	<u>Permanent</u>	<u>Project based</u>
2000	29			1	38	130
2001						25
2002-06	4				70	99
<u>Subtotal:</u>	33			1	108	254

B. Agriculture, Fisheries and Conservation Department

<u>Year</u>	<u>Government</u>		<u>NGO</u>		<u>Private Sector</u>	
	<u>Permanent</u>	<u>Project based</u>	<u>Permanent</u>	<u>Project based</u>	<u>Permanent</u>	<u>Project based</u>
2000	23					4
2001						4
2002-06	41					4
<u>Subtotal:</u>	64					12

C. Electrical and Mechanical Services Department

<u>Year</u>	<u>Government</u>		<u>NGO</u>		<u>Private Sector</u>	
	<u>Permanent</u>	<u>Project based</u>	<u>Permanent</u>	<u>Project based</u>	<u>Permanent</u>	<u>Project based</u>
2000	15				40	233
2001					70	173
2002-06					40	148
<u>Subtotal:</u>	15				150	554

<u>Total</u>	112			1	258	820
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Total jobs to be created: 1191

Environmental Protection Department

Year	Project/ Initiative	Government		NGO		Private		Total across sectors
		Permane-nt	Project-based	Permane-nt	Project-based	Permane-nt	Project-based	
2000	Leachate Treatment in NENT Landfill						5	5
2000	Waste Reduction Framework Plan Implementation	3						3
2000	NWNT/Gin Drinkers Bay Landfill Restoration					22		22
2000	Control of Greenhouse Gas Emission	3						3
2000	Outlying Island Transfer Station					16		16
2002-06	Outlying Island Transfer Station					8	13	21
2000	North West New Territories Refuse Transfer Station						100	100
2002-06	North West New Territories Refuse Transfer Station					45		45
2000	Clinical Waste Disposal at CWTC						25	25
2001	Clinical Waste Disposal at CWTC						25	25
2002-06	Clinical Waste Disposal at CWTC						10	10
2002-06	Restoration of Pillar Point Valley Landfill	4				17	25	46
2002-06	Animal Cremator						51	51
2000	Strengthen Cross Boundary Environ Co-operation	15						15
2000	Retrofit Noise Barriers and Enclosure on Existing Roads	1						1

Year	Project/ Initiative	Government		NGO		Private		Total across sectors
		Permane nt	Project- based	Permane nt	Project- based	Permane nt	Project- based	
2000	Motor Vehicle Emission Control Strategy	5						5
2000	Monitor Trend and Effects of Acid Rain				1			1
2000	Indoor Air Quality Management Programme for Offices and public places	2						2
Total for EPD		33			1	108	254	396

Agriculture, Fisheries and Conservation Department

Year	Project/ Initiative	Government		NGO		Private		Total across sectors
		Permane nt	Project- based	Permane nt	Project- based	Permane nt	Project- based	
2000	Construction of International Wetland Park	4						4
2002-06	Construction of International Wetland Park	41						41
2000	New Control under Animal & Plants (Protection of Endangered Species) Ordinance.	13						13
2000	Construction of Artificial Reef						4	4
2001	Construction of Artificial Reef						4	4
2002-06	Construction of Artificial Reef						4	4
2000	Ecological Impact Assessment – Monitoring of Ecological Mitigation Measures	3						3
2000	To Improve the Management of Marine Parks and Marine Reserve	3						3
Total for AFCD		64					12	76

Electrical and Mechanical Services Department

Year	Project/ Initiative	Government		NGO		Private		Total across sectors
		Permane nt	Project- based	Permane nt	Project- based	Permane nt	Project- based	
2000	Replacement of Diesel Taxis with LPG Taxis					40	180	220
2001	Replacement of Diesel Taxis with LPG Taxis					70	130	200
2002-06	Replacement of Diesel Taxis with LPG Taxis					40	100	140
2000	Consultancy Study for the Development of Energy Consumption Indicators and Benchmarks for Selected Energy-consuming Groups in Hong Kong	1					5	6
2001	Consultancy Study for the Development of Energy Consumption Indicators and Benchmarks for Selected Energy-consuming Groups in Hong Kong						10	10
2000	To Raise Awareness of Energy Efficiency Considerations in the Transport Sector	1						1
2000	To Encourage the Use of Renewable Energy in Buildings	1					4	5
2001	To Encourage the Use of Renewable Energy in Buildings						6	6
2002-06	To Encourage the Use of Renewable Energy in Buildings						18	18
2000	To Introduce Statutory Requirements on Energy and Conservation	1						1
2000	To Implement an Indoor Air Quality Management Programme	2					10	12

Year	Project/ Initiative	Government		NGO		Private		Total across sectors
		Permane nt	Project- based	Permane nt	Project- based	Permane nt	Project- based	
2001	To Implement an Indoor Air Quality Management Programme						10	10
2002-06	To Implement an Indoor Air Quality Management Programme						30	30
2000	To Promote the Wider Adoption of Water-cooled Air Conditioning Systems in Hong Kong	9					34	43
2001	To Promote the Wider Adoption of Water-cooled Air Conditioning Systems in Hong Kong						17	17
Total for EMSD		15				150	554	719

Analysis of Job Creation from 2000 to 2006

<u>Position</u>	<u>EPD</u>	<u>AFCD</u>	<u>EMSD</u>	<u>Total</u>
1 Managers/ Administrators	13	12	21	46 (3.86%)
2 Professionals/Associate Professionals	78	26	91	195 (16.37%)
3 Clerks	20	4	20	44 (3.69%)
4 Service Workers/Shop Sales Workers	-	-	150	150 (12.59%)
5 Crafts/Plant and Machine Operators/Assemblers	160	12	431	603 (50.63%)
6 Elementary/Unskilled Workers and Other	125	22	6	153 (12.85%)
Total	396	76	719	1191