



Job Creation

In addition to significant gains in environmental quality and public health, the policy actions proposed for the Green New Deal will create new green jobs and numerous business opportunities for manufacturers, suppliers, traders, retailers, research institutes, professional firms and contractors in a wide array of sectors. An estimate for green new jobs for those Policy Actions with specific investment figures is listed below:

Green Initiatives:	New Green Jobs*
Energy for Health	
Offer “Green Economy Voucher” of \$2,000 to all households who install renewable energy systems and/or energy efficiency devices \$2,000 x 2.2 million households = \$4.4 billion	15,000
Invest \$70 million in a “Green Street lighting Programme” to upgrade all traffic lights and street lights to LED by 2010 and to install street lights with self-powering solar panel devices where feasible	200
Green Buildings	
Set up a \$1 billion “Low-Carbon Building Fund” to provide funding for private building owners for carbon and energy audits and energy efficiency measures	3,300
Provide a \$200 “Green Light voucher” for every adult (a total subsidy of \$1.12 billion) to purchase energy efficient compact fluorescent lamps or LEDs	3,300
\$500 million for a “3-D Green City Fund” to provide incentives for greening the urban area including green roofing, sky gardens, podium areas and vertical greening	1,700
Sustainable Transport	
\$1.5 billion investment in “Public Bikes for All” Scheme	5,000
Initial investment of \$2 billion to set up a pioneering Electronic Road Pricing scheme	6,700
\$2 billion investment in the expansion of “Green Pedestrian	6,700



Corridors”	
\$6 billion “Roadside Clean Air Fund” to retire dirty old buses and install CRT particulate traps	20,000
Circular Economy	
\$200 million to support a “Household Waste Reduction Programme”	700
Invest \$540 million in a “District Waste Reduction Ambassador Scheme”	1,800
Sub-Total of Proposed Investment: \$19.33 billion	Sub-total: 64,400
Sustainable Infrastructure	
\$4 billion for Integrated Waste Treatment Plant (IWTP) and organic waste treatment facility	5,600
\$200 million for Centralised Modern Container Park	300
\$1.5 billion to implement ozone, membrane, or ultra-violet treatment for water treatment works	2,000
\$10.8 billion to upgrade Stonecutters Sewage Treatment Plant (HATS 2B)	15,000
Sub-Total of Proposed Investment: \$16.5 billion	Sub-total: 22,900
Total Proposed Investment: \$35.83 billion	Total Number of New Green Jobs: 87,300* * Representing 2.36% of the 3.687 million of labour force in Hong Kong in January 2009.

*The number of potential green jobs is estimated on the basis of green job creation rate extracted from the South Korean Government’s US\$36 billion “Green New Deal” which will create 960,000 jobs in total. See UNEP report on “A Global Green New Deal”, February 2009.

The job creation rate for sustainable infrastructure is based on government estimates for general infrastructure projects. See Mingpao report on 16 Feb 2009.



Summary of Policy Targets and Actions

Energy for Health	Policy Targets	Policy Action
	<ul style="list-style-type: none"> ● To increase the contribution of renewable energy to electricity supply to 2% by 2012 and 5% by 2020. ● To commit to reduce greenhouse gas emissions by 6% by 2012, 20% by 2020 and 50% by 2050 from 1990 levels. ● To commit to meet the WHO IT-2 targets in 2012 and IT-3 targets in 2017, WHO air quality guidelines in full no later than 2022. 	2.3.1 Decentralised Power for the People 2.3.2 Energy Efficiency on our Streets 2.3.3 Create Markets through Government Action 2.3.4 Landfill Gas Utilisation 2.3.5 Clean Energy Supply
Green Buildings	<ul style="list-style-type: none"> ● To enable all Hong Kong buildings to comply with or exceed the prevailing Building Energy Code by 2020. ● To reduce the energy consumption of buildings by 20% by 2020 based on 2005 level 	3.3.1 Greener Buildings for All 3.3.2 Sustainable Lighting 3.3.3 Urban greening 3.3.4 Low-Carbon Zones 3.3.5 Government Leadership through Standard-Setting
Sustainable Transport	<ul style="list-style-type: none"> ● To have no pre-Euro or Euro I standard vehicles on the road by 2012. ● To reduce total road-side emissions to 50% of 2005 levels by 2012. ● To increase the proportion of non-motorised work trips to 20% by 2012. 	4.3.1 Public Bikes for All 4.3.2 Green Pedestrian Corridors 4.3.3 Electronic Road Pricing 4.3.4 Clean Buses 4.3.5 Continuous Compliance
Circular Economy	<ul style="list-style-type: none"> ● To reduce total municipal solid waste by 10% by 2012 based on 2003 level. ● To ban the disposal of untreated or un-recycled waste in landfills by 2020. 	5.3.1 Producer Responsibility Scheme 5.3.2 Household Waste Reduction 5.3.3 Community Empowerment in Waste Reduction 5.3.4 Market Support for Locally Recycled Products 5.3.5 Integrated Waste Treatment Plant
Resource Productivity	<ul style="list-style-type: none"> ● To develop and establish a secondary city centre in the New Territories by 2020. ● To have all potable water supply complying with improved standards comparable to prevailing EU directives by 2020. ● To have Victoria Harbour and all beaches suitable for swimming by 2020. 	6.3.1 Create a Balanced City 6.3.2 Land-Use Rationalisation 6.3.3 Water for World-class City 6.3.4 Swimmable Harbour and Beaches 6.3.5 Green Fairs