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From : Clerk to the Legislative Council

To : All Members of the Legislative Council

Council meeting of 12 December 2018

**Amendments to motion on
“Fully transforming into a green and low-carbon smart society
and economy, and proactively alleviating and coping with
global climate change”**

Further to LC Paper No. CB(3) 215/18-19 issued on 29 November 2018, nine Members (Ir Dr Hon LO Wai-kwok, Hon HUI Chi-fung, Hon KWOK Wai-keung, Hon Kenneth LEUNG, Hon Charles Peter MOK, Hon Gary FAN, Hon CHU Hoi-dick, Dr Hon Elizabeth QUAT and Dr Hon KWOK Ka-ki) have respectively given notice of their intention to move separate amendments to Hon Martin LIAO’s motion on “Fully transforming into a green and low-carbon smart society and economy, and proactively alleviating and coping with global climate change”. As directed by the President, the respective amendments will be printed in the terms in which they were handed in.

2. The President will order a joint debate on the above motion and the nine amendments. To assist Members in debating the motion and the amendments, I set out below the procedure to be followed during the debate:

- (a) the President calls upon Hon Martin LIAO to speak and move his motion;
- (b) the President proposes the question on Hon Martin LIAO’s motion;
- (c) the President calls upon the nine Members who wish to move amendments to speak in the following order, but no amendment is to be moved at this stage:
 - (i) Ir Dr Hon LO Wai-kwok;

- (ii) Hon HUI Chi-fung;
 - (iii) Hon KWOK Wai-keung;
 - (iv) Hon Charles Peter MOK;
 - (v) Hon Gary FAN;
 - (vi) Hon CHU Hoi-dick;
 - (vii) Dr Hon Elizabeth QUAT;
 - (viii) Dr Hon KWOK Ka-ki; and
 - (ix) Hon Kenneth LEUNG;
- (d) the President calls upon the public officer(s) to speak;
 - (e) the President invites other Members to speak;
 - (f) the President calls upon Hon Martin LIAO to speak for the second time on the amendments;
 - (g) the President calls upon the public officer(s) to speak again;
 - (h) in accordance with Rule 34(5) of the Rules of Procedure, the President has decided that he will call upon the nine Members to move their respective amendments in the order set out in paragraph (c) above. The President invites Ir Dr Hon LO Wai-kwok to move his amendment to the motion, and forthwith proposes and puts to vote the question on Ir Dr Hon LO Wai-kwok's amendment;
 - (i) after Ir Dr Hon LO Wai-kwok's amendment has been voted upon, the Council deals with the other eight amendments; and
 - (j) after all amendments have been dealt with, the President calls upon Hon Martin LIAO to reply. Thereafter, the President puts to vote the question on Hon Martin LIAO's motion, or his motion as amended, as the case may be.

3. For Members' reference, the terms of the original motion and the marked-up version of the amendments are set out in the **Appendix**.

(Dora WAI)
for Clerk to the Legislative Council

Encl.

(Translation)

**Motion debate on
“Fully transforming into a green and low-carbon smart society
and economy, and proactively alleviating and coping with
global climate change”
to be held at the Council meeting of 12 December 2018**

1. Hon Martin LIAO’s original motion

That given the worsening problem of global climate change and the imminent crisis, this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, and review at an appropriate time and enhance as appropriate Hong Kong’s capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy.

2. Motion as amended by Ir Dr Hon LO Wai-kwok

That, given the worsening problem of global climate change and, the imminent crisis, *is imminent; according to the Paris Agreement, various countries are required to propose targets for voluntary reduction in emissions of greenhouse gases and to review and update such targets once every five years, hence Hong Kong should also dovetail with the country in honouring its undertakings as a State party; in this connection,* this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, and review at an appropriate time and enhance as appropriate Hong Kong’s capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy; *specific policy measures include:*

- (1) *advocating energy efficiency and promoting intellectualization of infrastructure and green architecture, so as to develop a green and low-carbon smart community;*

- (2) *perfecting supporting measures to implement the policy on ‘Reduce, Recycle and Proper Waste Management’, and promoting the development of a circular economy;*
- (3) *providing additional dedicated resources for research and development, promoting the setting up of a ‘centre for industrialization and development of environmental protection technologies’, and promoting the development and use of environmental protection technologies;*
- (4) *promoting the use of clean energy and renewable energy to flexibly cope with future climate and environment change; and*
- (5) *promoting regional cooperation to jointly establish a green, low-carbon and high technology smart city cluster.*

Note: Ir Dr Hon LO Wai-kwok’s amendment is marked in *bold and italic type* or with deletion line.

3. Motion as amended by Hon HUI Chi-fung

That, *in recent years*, given the worsening problem of global climate change and the imminent crisis, this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, ~~and~~; *specific policy measures include:*

- (1) *designating bicycles as a mode of transport and formulating a bicycle-friendly policy;*
- (2) *conducting a study to promote the popularization of renewable energy in the community;*
- (3) *setting a target year for the prohibition of sale of fuel-engined private cars;*
- (4) *formulating a legislative timetable to ban the use of disposable plastic tableware and straws, and to ban the sale of products containing microplastics; and*
- (5) *formulating a timetable for implementing the producer responsibility scheme on glass beverage and plastic product containers, and other packaging materials (such as plastic packaging), and mandating the relevant stakeholders to share the responsibility for the collection and treatment of end-of-life products;*

at the same time, the SAR Government should review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy.

Note: Hon HUI Chi-fung's amendment is marked in *bold and italic type* or with deletion line.

4. Motion as amended by Hon KWOK Wai-keung

That ~~given~~ *in order to cope with* the worsening problem of global climate change ~~and the imminent crisis,~~ *developing green industries has become a major global trend; in this connection,* this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, *develop green industries,* and review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy; *measures include:*

- (1) *establishing a \$2 billion 'green industries development fund' to support the development of green industries;*
- (2) *nurturing a sufficient pool of talents to meet the manpower demand of various green industries;*
- (3) *providing dedicated tax and land concessions, etc. to attract more green industries to develop business in Hong Kong; and*
- (4) *enacting legislation on contingency measures for handling disasters caused by climate change and arrangements for suspension of work in times of and after disasters, so as to safeguard the safety of employees.*

Note: Hon KWOK Wai-keung's amendment is marked in *bold and italic type* or with deletion line.

5. Motion as amended by Hon Charles Peter MOK

That *developed cities in the world have been using innovation and technology to tackle the challenge of climate change*; given the worsening problem of global climate change and the imminent crisis, this Council urges the SAR Government to cope with climate change more proactively, *including using data analysis to identify information that can facilitate the formulation of environmental protection policies and review their effectiveness, and promoting the research and application of new green technologies to enhance energy efficiency, lower carbon emissions and reduce waste*, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, and review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy.

Note: Hon Charles Peter MOK's amendment is marked in *bold and italic type*.

6. Motion as amended by Hon Gary FAN

That ~~given~~ *according to the assessment of the World Meteorological Organization, 2016 marked the hottest year on record and in the first 10 months of 2018, the global average temperature was 0.98 degrees Celsius higher than the 1850-1900 levels, resulting in a faster melting rate of ice and a continuous rise in sea level; human activities have contributed to the worsening problem of global climate change and the imminent crisis, whereas the extensive damage caused to Hong Kong by the onslaught of super typhoons Hato and Mangkhut in August 2017 and September 2018 indicated an increasing frequency of Hong Kong being affected by extreme weather; in this connection*, this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, ~~and stop the construction of artificial islands through reclamation to prevent sand dredging from damaging the natural environment and further increasing carbon emissions, and prevent members of the public from exposing to the risks of rising sea level, storm surges and other extreme weather conditions~~; *the SAR Government should also review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, formulate policies to reduce greenhouse gas emissions, including setting a target to reduce carbon by at least 80% by 2050, encouraging governmental organizations and other enterprises to use*

more renewable energy in place of fossil energy, and stepping up measures to promote energy conservation and enhance power usage effectiveness, with a view to making every endeavour to help alleviate this crisis faced by all mankind, and in accordance with the recommendations of the United Nations Intergovernmental Panel on Climate Change, holding the increase in global average temperature to 1.5 degrees Celsius above pre-industrial levels, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy, so as to achieve environmental justice.

Note: Hon Gary FAN's amendment is marked in *bold and italic type* or with deletion line.

7. Motion as amended by Hon CHU Hoi-dick

That ~~given~~, *according to the Special Report on Global Warming of 1.5°C ('the Report') published by the United Nations Intergovernmental Panel on Climate Change in October 2018, human activities have contributed to the worsening problem of global climate change and the imminent crisis, the Report has also stressed the need to hold the increase in global average temperature to 1.5 degrees Celsius above pre-industrial levels; in this connection, this Council urges the SAR Government to set up an inter-departmental study group to cope with climate change and reduce greenhouse gas emissions more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, and review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help various social strata alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy; specific measures include:*

- (1) *revising, in the light of the recommendations set out in the Report, the emission reduction target from reducing carbon intensity by 65% to 70% by 2030 to reducing absolute carbon emissions by 50% by 2030;*
- (2) *setting specific and proactive targets to raise the percentage of total generating capacity to be met by renewable energy sources;*
- (3) *conducting a study on levying a progressive 'carbon tax', the revenue from which will be used for assisting grass-roots people in coping with climate change;*
- (4) *proactively reducing the carbon emissions of the transport sector, including curbing the rapid growth in the number of private cars and*

*designating areas in each district for pedestrians and bicycles only;
and*

- (5) *devising dedicated corresponding strategies and allocating additional resources to assist the poor and the disadvantaged, who are more vulnerable than other strata, in coping with climate change.*

Note: Hon CHU Hoi-dick's amendment is marked in *bold and italic type* or with deletion line.

8. Motion as amended by Dr Hon Elizabeth QUAT

That ~~given~~ *the repeated occurrence of extreme weather conditions worldwide and the extensive damage caused by the successive onslaught of super typhoons on Hong Kong in recent years have alerted the community to the worsening problem of global climate change and the imminent crisis;* *in this connection*, this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, and review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy; *specific measures include:*

- (1) *formulating concrete plans to definitely implement the strategies, action plans and timetable for transforming Hong Kong into a green and low-carbon smart city;*
- (2) *promoting optimal use of green smart technologies to practise a low-carbon and energy-efficient life, perfecting waste disposal policies, and proactively conducting a study on more effective use of recovered resources to effect waste-to-energy and waste-to-treasure proposals, including integrating innovation and technology to develop green industries or 'light recycling industry', so as to promote the development of the whole green industrial chain, and the application, research and development of relevant technologies;*
- (3) *further promoting energy efficiency and conservation, promoting the energy saving performance of green and low-carbon buildings, and exploring a wider use of renewable energy (such as solar power and energy generated from waste, sludge and food waste) and energy efficient design and technologies;*

- (4) *raising the city's greening ratio, which includes promoting territory-wide greening work and vertical greening;*
- (5) *promoting water conservation and developing a 'sponge city', increasing urban water bodies to cool down the city and exploring new water resources such as desalinated and reclaimed water;*
- (6) *formulating a plastic-free timetable and banning the use of microplastics, disposable plastic tableware and related products, thereby striving to reduce the consumption of disposable plastic products at source;*
- (7) *promoting green modes of traffic and transport and application of related techniques, for example, constructing light rail transit systems to connect the Kai Tak New Development Area and its nearby places and the new development areas of Fanling North, Kwu Tung North and Ping Che respectively, and a wider use of green transport, including subsidizing the replacement of environmentally-friendly vessels, and comprehensively promoting the use of electric vehicles and installing more quick chargers;*
- (8) *further developing Hong Kong into a 'bicycle city', promoting a bicycle-friendly policy, including improving and increasing bicycle parking spaces, encouraging the public to commute by bicycles and expanding and perfecting the existing cycle track networks, which include extending Hong Kong's cycle track to connect with the Green Way of Guangdong Province; and*
- (9) *cooperating with the green finance pilot zone of Guangzhou, Guangdong Province in developing green finance in the Greater Bay Area.*

Note: Dr Hon Elizabeth QUAT's amendment is marked in *bold and italic type* or with deletion line.

9. Motion as amended by Dr Hon KWOK Ka-ki

That *in recent years*, given the worsening problem of global climate change and the imminent crisis, this Council urges the SAR Government to cope with climate change more proactively, *solve the problem of greenhouse gas emissions*, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, and review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this crisis faced by all mankind, providing

Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy; *specific measures include:*

- (1) *comprehensively reviewing the policy on electric vehicles, perfecting the provision of ancillary charging facilities, and providing more incentives to encourage drivers to use zero-emission electric vehicles, including raising the first registration tax concessions for electric vehicles and relaxing the eligibility criteria of the 'One-for-One Replacement' Scheme;*
- (2) *promoting bicycles as a mode of daily transport, and improving road and community design, so as to make it convenient for people to use bicycles;*
- (3) *improving urban design, including providing more facilities such as pedestrian walkways, underground streets and footbridges to encourage people to walk instead of using any mode of transport, and alleviating the problem of screen-like buildings to minimize the heat island effect;*
- (4) *expeditiously implementing a pilot scheme on green ferry as proposed in the Policy Address, and enacting legislation to mandate vessels sailing in Hong Kong waters to use low sulphur fuel that meets the European Union's standards;*
- (5) *formulating a comprehensive policy on environmental protection and energy conservation, and encouraging commercial and industrial buildings to adopt energy conservation technologies and measures to reduce electricity consumption; and*
- (6) *requesting power companies to take the initiative to increase the use of renewable energy, and installing renewable energy facilities at more government properties.*

Note: Dr Hon KWOK Ka-ki's amendment is marked in *bold and italic type*.

10. Motion as amended by Hon Kenneth LEUNG

That given the worsening problem of global climate change and the imminent *crises of extreme weather, the rise in sea level, the reduction in agricultural production, etc.*, this Council urges the SAR Government to cope with climate change more proactively, lead various social sectors and all people to fully transform Hong Kong into a green and low-carbon smart society and economy, *including applying more extensively renewable energy to reduce*

*reliance on fossil fuels, promoting green buildings to conserve energy and reduce emissions, developing proactively green finance to promote industry involvement in green projects relating to low-carbon or sustainable developments, and review at an appropriate time and enhance as appropriate Hong Kong's capabilities to withstand extreme weather and adapt to climate change, with a view to making every endeavour to help alleviate this **alleviating the global climate** crisis faced by all mankind, providing Hong Kong people with due protection of their lives and properties, and promoting the sustainable development of the society and economy, **thereby making Hong Kong a more liveable city and enhancing the city's overall competitiveness.***

Note: Hon Kenneth LEUNG's amendment is marked in *bold and italic type* or with deletion line.