

ITEM 2. C40 LARGE CITIES CLIMATE CHANGE SUMMIT – JOHANNESBURG 2014**FILE NO: S050647****SUMMARY**

The C40 Large Cities Climate Leadership Group (C40) is a group of the world's largest cities committed to collaborative action to address climate change. Participating cities commit to practical action to cut greenhouse gas emissions; stimulate business, community and government action on climate change; and provide leadership internationally.

At the invitation of the Mayor of London and the Mayor of New York, the City of Sydney joined the C40 and sent a delegation, led by the Lord Mayor, to the second C40 Large Cities Climate Change Summit held in New York in May 2007. Since then, the Lord Mayor and a City delegation have attended biennial C40 Summits in Seoul in May 2009 and Sao Paulo in May/June 2011. The Summits provide opportunities to share information about effective responses and to explore new ideas and methodologies.

The City actively participates in a range of C40 events and has implemented projects with technical and practical information from the C40, including our LED street lighting rollout, Environmental Upgrade Agreements and Smart Green Apartments Program.

The urgency of our work with the C40 is confirmed by the recent Fifth Assessment report from the Intergovernmental Panel on Climate Change (IPCC).

The IPCC report found a 95 per cent probability that humans are responsible for global warming and warns that continued growth in the emissions of greenhouse gases will cause further changes and extreme weather. Heat waves are very likely to occur more frequently and last longer. As the Earth warms, currently wet regions will receive more rainfall and dry regions will receive less, although there will be variations.

The report concludes that by the end of the 21st century, temperature increases are expected to exceed 1.5 degrees Celsius and likely to exceed 2 degrees. The science points to average global sea-level rises of between 26 and 82 centimetres.

The full IPCC report is available at www.ipcc.ch, with the summary of 'Headline Statements' at Attachment A. The IPCC is clear in its call to action: "Limiting climate change will require substantial and sustained reductions of greenhouse gas emissions."

Cities are on the frontlines of global climate change and are well-placed to play a leadership role in driving global action to address climate change. Cities occupy just two per cent of the world's landmass but consume over two-thirds of the world's energy and account for more than 70 per cent of global CO₂ emissions. However, urban living provides the possibility for a lower carbon footprint through more efficient infrastructure and planning.

The fifth C40 Large Cities Climate Change Summit will be held in Johannesburg, South Africa, for three days from 4 to 6 February 2014. The Lord Mayor has again been invited to participate with a delegation from the City of Sydney.

The theme of the 2014 Summit is: “Towards resilient and liveable Megacities—demonstrating action, impact and opportunity”. Key sessions will focus on issues such as adaptable and resilient cities; building liveable cities; and socio-economic development of emerging megacities.

The Lord Mayor gave well-received presentations to the Summits in New York, Seoul, and São Paulo. It is anticipated that the Lord Mayor will again be asked to present in Johannesburg on Sydney’s work.

The Summit is an opportunity to promote the City’s innovative projects. Participating in the Summit will assist City staff to progress Sydney’s role as a climate change leader through the exchange and contact with other C40 cities.

The Summit host city will again cover travel costs for the Lord Mayor and one City official, with up to five City delegates invited to participate in the Summit.

RECOMMENDATION

It is resolved that Council:

- (A) endorse the Lord Mayor’s international travel to participate in the 2014 C40 Large Cities Climate Change Summit in Johannesburg from 4 to 6 February 2014;
- (B) endorse the Chief Executive Officer and up to three staff members to travel with the Lord Mayor to participate in the Summit in Johannesburg;
- (C) endorse the Lord Mayor to also travel within southern Africa to visit relevant city projects aligned with Sustainable Sydney 2030 for up to ten days, accompanied by the Chief Executive Officer and up to two staff; and
- (D) note that the Lord Mayor will provide a report to Council after the travel.

ATTACHMENTS

Attachment A: Intergovernmental Panel on Climate Change: Climate Change 2013, The Physical Science Basis: “Headline Statements from the Summary for Policymakers”

BACKGROUND

1. The City became a member of the C40 Large Cities Climate Leadership Group (C40) in 2007 and participated in the Climate Change Summit held in New York that year, in Seoul in 2009 and São Paulo in 2011. Information on the C40 is available at c40.org.
2. C40 was established in 2005 and has grown to 63 members: Addis Ababa, Amsterdam, Athens, Austin, Bangkok, Barcelona, Basel, Beijing, Berlin, Bogotá, Buenos Aires, Cairo, Caracas, Changwon, Chicago, Copenhagen, Curitiba, Delhi NCT, Dhaka, Hanoi, Heidelberg, Ho Chi Minh City, Hong Kong, Houston, Istanbul, Jakarta, Johannesburg, Karachi, Lagos, Lima, London, Los Angeles, Madrid, Melbourne, Mexico City, Milan, Moscow, Mumbai, New Orleans, New York, Oslo, Paris, Philadelphia, Portland, Rio de Janeiro, Rome, Rotterdam, San Francisco, Santiago, São Paulo, Seattle, Seoul, Shanghai, Singapore, Stockholm, Sydney, Tokyo, Toronto, Vancouver, Venice, Warsaw, Washington DC, Yokohama.
3. Participating cities commit to taking collaborative action to cut greenhouse gas emissions' stimulate business, community and government action on climate change; and provide leadership internationally. The C40 organisation facilitates active exchange and collaboration across the cities, with a focus on sharing technical expertise on best practices.
4. The C40 is partnered with the Clinton Climate Initiative (CCI) to develop and implement innovative programs to reduce carbon emissions and increase energy efficiency in large cities across the world.
5. The City is implementing actions identified in Sustainable Sydney 2030, which prioritises addressing climate change through a strategic approach to city planning, based on lowering emissions from buildings, power generation and city transport. The City is developing a significant number of leading projects, including trigeneration, green infrastructure and LED lighting.
6. A key component of the C40 program is the retrofitting of existing buildings to reduce energy usage and greenhouse gas emissions. The City continues to implement a program to introduce energy efficiencies within our property portfolio, as well as working with businesses through programs such as CitySwitch and the Better Buildings Partnership, which is modelled on international programs.
7. Attending C40 conferences provides cities with a shared understanding and agreement about effective ways to address climate change.
8. The biennial Summit enables cities to learn from the programs and projects being undertaken internationally. Between these Summits are smaller more technical workshops hosted by C40 cities on particular issues of common interest to the sustainability agendas of cities.
9. Legislation passed in Toronto, and promoted at the C40, enabling the financing of environmental upgrades in existing commercial buildings has since been introduced in Melbourne and NSW, with the City signing our first Environmental Upgrade Agreement with Frasers earlier this year.
10. The City has also implemented a Smart Green Apartments Program to improve the energy and water efficiency of apartment buildings, after learning from the Greening Apartments program introduced in Toronto.

C40 SUMMIT 2014

11. The fifth biennial C40 Cities Climate Leadership Group Mayors Summit will be held from 4 to 6 February 2014 in Johannesburg, South Africa.
12. Hosted by the city of Johannesburg in collaboration with the C40 Cities Climate Leadership Group, this event brings together C40 Mayors from around the world to advance urban solutions to global climate change through individual efforts, as well as international engagement and collaboration.
13. The theme of the 2014 Summit is: “Towards resilient and liveable Megacities—demonstrating action, impact and opportunity”. Plenary sessions will focus on key issues such as Adaptable and Resilient Cities; Building Liveable Cities; and Socio-Economic Development of emerging megacities.
14. By bringing together hundreds of international climate change leaders and C40 Mayors from some of the world’s largest cities, the Summit will provide an opportunity to build the international relationships and knowledge required to advance urban solutions to global climate challenges.
15. Information on the Summit is available at C40summitjohannesburg.org.
16. At the Summit, the C40 will release the second volume of its global report “Climate Action in Megacities”, a research program to benchmark data on the actions and powers of cities to address climate change. The City of Sydney has contributed its data on climate action to this project.
17. Mayor Michael R. Bloomberg, Chair of the C40 Cities Climate Leadership Group, and Mayor Parks Tau, Executive Mayor City of Johannesburg, have invited the Lord Mayor to again participate in the Summit with a delegation of up to five people. Attendance at the Summit is by invitation only.
18. It is proposed the Lord Mayor and Chief Executive Officer attend the Summit, with up to three City staff. The Summit’s host city will again cover travel costs for the Lord Mayor and one City official.
19. For the C40 Summits in 2007, 2009 and 2011, Council authorised the Lord Mayor to undertake a program of travel to visit city projects closely aligned with Sustainable Sydney 2030, including climate action, public transport, public space design, cycleways, economic and cultural strategies.
20. Comparable visits in southern Africa for a period of up to ten days will again be arranged around the 2014 Johannesburg Summit. It is anticipated that these visits will include the Chief Executive Officer and up to two accompanying staff.

KEY IMPLICATIONS**Strategic Alignment**

21. The objectives of the C40 align closely with the Sustainable Sydney 2030 plan to become a sustainable global city, and one of the world’s leading green cities. Participation in the Summit will enable Sydney to demonstrate environmental leadership, and learn from the experiences of other cities.

22. The City of Sydney is committed to reduce greenhouse gas emissions by 70 per cent and to meet up to 100 per cent of electricity demand by local electricity generation by 2030.
23. Participation in the Summit will reinforce and enhance the benefits already flowing from the City's membership of C40 and leadership on climate change initiatives, locally and internationally.
24. Relevant visits to international cities provide valuable insight into the delivery of urban and sustainability projects.

BUDGET IMPLICATIONS

25. It is proposed that the costs of flights, accommodation and meals be met by the City of Sydney at an estimated maximum cost of up to \$20,000 per person.
26. Some travel assistance for the Lord Mayor and Chief Executive Officer will be provided by the host city government, as has occurred with previous C40 Summits.
27. Funds are available within existing operational budgets.

CRITICAL DATES / TIME FRAMES

28. The 2014 C40 Large Cities Climate Change Summit will be held in Johannesburg from 4 to 6 February 2014. Planning needs to occur in 2013 to secure travel bookings and organise a beneficial itinerary.

MONICA BARONE

Chief Executive Officer

Leander Klohs, Executive Manager