



RESOLUTION

REQUESTING THE CITY ADMINISTRATION TO REPORT TO THE COUNCIL ON ITS ESTABLISHMENT OF THE OFFICE OF CLIMATE CHANGE, SUSTAINABILITY, AND RESILIENCY, ITS PROJECTED TIMETABLE FOR ACTIONS ASSOCIATED WITH PHASE I PROJECTS, THE DEVELOPMENT OF HONOLULU'S RESILIENCE STRATEGY, AND ANY OTHER CITY ACTIONS AS PART OF THE 100 RESILIENT CITIES NETWORK.

WHEREAS, there is a growing awareness that climate change, whether caused by human activity, natural climatic cycles, or a combination of both, is occurring and that action is necessary to increase our community's resiliency to climate change impacts; and

WHEREAS, the Intergovernmental Panel on Climate Change (the Panel) reported in 2013 that the last 30 years were the warmest since 1850 and likely the warmest in the past 1,400 years; that carbon dioxide, methane, and nitrous oxide levels are at their highest levels in 800,000 years; and that global mean sea level rose 0.62 feet from 1901 to 2010; and

WHEREAS, the Panel projects that the global mean temperature will increase by at least 2.7 degrees Fahrenheit under certain scenarios; that the Equatorial Pacific will experience more frequent and extreme precipitation; that rates of global sea level rise are likely to accelerate; and that sea levels will rise 0.85 to 3.2 feet higher than they presently are by the end of the century; and

WHEREAS, according to Climate Change Impacts in Hawaii, A Summary of Climate Change and its Impacts to Hawaii's Ecosystems and Communities (2014), prepared by the University of Hawaii Sea Grant College Program, climate change impacts specific to Hawaii are projected to include sea level rise of one foot to three feet by 2100; loss of beach and wetland areas; increased frequency and intensity of tropical cyclones; increased frequency and intensity of storms; increased flooding and coastal inundation events which will affect low-lying areas including city roads; changes in rainfall patterns which may increase drought events and reduce groundwater recharge rates; rising groundwater tables which will increase flood events and may affect groundwater supplies; and acidification of coastal waters which will increase coral bleaching, loss of coral reefs, and susceptibility to coastal flooding; and

WHEREAS, there is a critical need for the City to take appropriate actions to prepare for and adapt to climate change impacts, and, in particular, to upgrade or modify the City's storm drainage, wastewater, water, and roadway systems to withstand



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their increasing vulnerability to flooding, coastal erosion and inundation, sea level rise, rising ground water tables, and changing rainfall patterns; and

WHEREAS, on November 8, 2016, the electorate approved 2016 General Election Charter Amendment Question No. 7, which, in part, addressed the creation of the Office of Climate Change, Sustainability, and Resiliency headed by an executive who shall be appointed and may be removed by the Mayor; and

WHEREAS, under the approved charter amendment, the pertinent part of which is codified as RCH Section 6-107, the Executive for Climate Change, Sustainability, and Resiliency shall:

- (a) Seek local information from scientists and track climate change science and potential impacts on city facilities;
- (b) Coordinate actions and policies of departments within the City to:
 - (1) Increase community preparedness,
 - (2) Protect economic activity,
 - (3) Protect the coastal areas and beaches, and
 - (4) Develop resilient infrastructure in response to the effects from climate changes;
- (c) Develop or coordinate City policies and programs that will improve environmental performance of city operations and advance environmental priorities;
- (d) Integrate sustainable and environmental values into City plans, programs and policies;
- (e) Promote resiliency of communities and coastal areas;
- (f) Report to the Mayor and Council regarding overall performance in meeting sustainability and environmental targets and objectives;
- (g) Coordinate with federal and State agencies regarding climate change, sustainability and the environment; and



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- (h) Convene a Climate Change Commission consisting of five members with expertise in climate change in Hawaii, which Commission shall meet no less than twice annually for the purpose of gathering the latest science and information on climate change effects in the City and providing advice as is deemed appropriate to the Executive for Climate Change and Sustainability, the Mayor, Council, and executive departments of the City; and

WHEREAS, the Council finds that the establishment of the Office of Climate Change, Sustainability, and Resiliency is an important step in addressing the planning, development, and implementation of effective policies, plans, and actions for mitigating potential climate change-related impacts to the City and creating sustainable and resilient communities; and

WHEREAS, the timeliness of the establishment of the Office of Climate Change, Sustainability and Resiliency is underscored by state initiatives to establish an Interagency Climate Adaptation Committee, develop a *Sea Level Rise Vulnerability and Adaptation Report for Hawaii* by December 2017, and authorize the Office of Planning to coordinate development of a Statewide Climate Adaptation Plan; and

WHEREAS, the Office of Climate Change, Sustainability and Resiliency can save the City money through energy efficiency projects, coastal projects for a tourism-based economy, and increase resiliency and self-sufficiency as an island community, and its projected timetable for 2017 includes an agenda-setting workshop to be hosted in partnership with Honolulu's Resilience Partner AECOM in June 2017, attendance at the July 2017 100 Resilient Cities Global Summit, and a 6-9 month development phase (Phase I) for Honolulu's Resiliency Strategy; and

WHEREAS, on August 14, 2013, the Council adopted Resolution 13-195 which urged the administration to apply for a 100 Resilient Cities Initiative Grant from the Rockefeller Foundation; and

WHEREAS, the grant provides Honolulu with membership in the "100 Resilient Cities Network" to share new knowledge and resilience best practices, funds to hire a Chief Resilience Officer to oversee the development of a resilience strategy, and support to create a resilience plan; and

WHEREAS, on June 27, 2016, the Council adopted Resolution 16-162 authorizing the administration to execute the Grant Agreement for the 100 Resilient Cities Initiative Grant; and



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WHEREAS, the Grant Agreement requires that the City use grant funds to hire a Chief Resilience Officer for a period of two years and for the Chief Resilience Officer to devise and implement a Resilience Strategy for the City which involves strategies to deal with various shocks such as hurricanes and floods, and stresses that affect cities on a day-to-day or cyclical basis such as homelessness, sea level rise, coastal erosion, and aging infrastructure; and

WHEREAS, the establishment of the Office of Climate Change, Sustainability and Resiliency will complement and support the City's efforts to devise and implement the Resilience Strategy and other resilience measures for the City as required by the 100 Resilient Cities Initiative Grant; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that the City administration is requested to report to the Council by January 1, 2018, on its establishment of the Office of Climate Change, Sustainability and Resiliency, its projected timetable for actions associated with Phase I projects, the development of Honolulu's Resilience Strategy, and any other City actions as part of the 100 Resilient Cities network; and



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BE IT FINALLY RESOLVED, that copies of this Resolution be transmitted to the Mayor, Managing Director, Director of Environmental Services, Director of Facility Maintenance, Director of Transportation Services, Manager and Chief Engineer of the Board of Water Supply, Director of Planning and Permitting, Co-Chairs of the Interagency Climate Adaptation Committee, University of Hawaii School of Ocean and Earth Science and Technology (UH SOEST), University of Hawaii Sea Grant College Program (UH Sea Grant), Pacific Islands Ocean Observing System (PACIOOS), and Pacific Islands Climate Change Cooperative (PICCC).

INTRODUCED BY:

Carol Fukunaga

DATE OF INTRODUCTION:

March 1, 2017
Honolulu, Hawaii

Councilmembers

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII
C E R T I F I C A T E

RESOLUTION 17-67, CD1

Introduced: 03/01/17 By: CAROL FUKUNAGA

Committee: PUBLIC WORKS,
INFRASTRUCTURE
AND SUSTAINABILITY

Title: RESOLUTION REQUESTING THE CITY ADMINISTRATION TO REPORT TO THE COUNCIL ON ITS ESTABLISHMENT OF THE OFFICE OF CLIMATE CHANGE, SUSTAINABILITY, AND RESILIENCY, ITS PROJECTED TIMETABLE FOR ACTIONS ASSOCIATED WITH PHASE I PROJECTS, THE DEVELOPMENT OF HONOLULU'S RESILIENCE STRATEGY, AND ANY OTHER CITY ACTIONS AS PART OF THE 100 RESILIENT CITIES NETWORK.

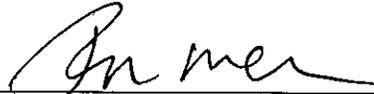
Voting Legend: * = Aye w/Reservations

03/08/17	PUBLIC WORKS, INFRASTRUCTURE AND SUSTAINABILITY	RESOLUTION DEFERRED IN COMMITTEE.
04/05/17	PUBLIC WORKS, INFRASTRUCTURE AND SUSTAINABILITY	CR-133 - RESOLUTION REPORTED OUT OF COMMITTEE FOR ADOPTION AS AMENDED IN CD1 FORM.
04/26/17	COUNCIL	CR-133 AND RESOLUTION 17-67, CD1 WERE ADOPTED. 9 AYES: ANDERSON, ELEFANTE, FUKUNAGA, KOBAYASHI, MANAHAN, MARTIN, MENOR, OZAWA, PINE.

I hereby certify that the above is a true record of action by the Council of the City and County of Honolulu on this RESOLUTION.



GLEN I. TAKAHASHI, CITY CLERK



RON MENOR, CHAIR AND PRESIDING OFFICER