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Int. No. 2307

By Council Members Kallos, Rosenthal and Yeger

A Local Law to amend the administrative code of the city of New York, in relation to smart city technology programs and a smart city technology working group

Be it enacted by the Council as follows:

Section 1. Subchapter 1 of chapter 1 of title 3 of the administrative code of the city of New York is amended by adding a new section 3-119.3 to read as follows:

§ 3-119.3 Smart city technology programs and working group. a. Definitions. For the purposes of this section, the following terms have the following meanings:

Administering agency. The term "administering agency" means the office or agency designated by the mayor, pursuant to subdivision e of this section, to administer the provisions of this section.

Smart city technology. The term "smart city technology" means information and communications technology, including connected devices such as smart sensors and meters, applied to increase efficiency of

public services and operations and to improve public health, safety, welfare and quality of life.

b. The administering agency, in consultation with the smart city technology working group established pursuant to subdivision d of this section and other relevant agencies, shall plan and coordinate the implementation of smart city technology programs in the city. Such programs shall, to the extent feasible, include the following:

1. Smart streetlights fitted with light sensors, pedestrian traffic sensors, parking spot monitors, air quality monitors, gunshot detectors, replacement indicators, tip sensors and other appropriate sensors;

2. Location beacons that support navigation for blind and visually impaired individuals by indicating public transit, traffic signal changes, city agency buildings and other physical locations;

3. Automated real-time public transit ridership and traffic data integration to scale services and adjust routes to meet immediate needs;

4. Smart water meters that monitor water usage and quality in real time and track and alert of potential leakage, automated testing of potable water supply for contaminants such as lead and wastewater for COVID-19, and real-time water supply management;

5. Smart power meters for dwelling units and buildings connected to smart power grids to regulate and track power production and usage in real time, and smart meters for solar, cogeneration and other off-grid power sources to track community power and reduce power in real time;

6. Smart gas meters for dwelling units and buildings that monitor gas usage in real time and track and alert of pressure and potential leakage to prevent explosions;

7. Smart trash and recycling receptacles fitted with sensors that detect trash level and transmit alerts when full; and

8. Any additional smart city technologies as recommended by the smart city technology working group.

c. The administering agency shall ensure that the implementation of the smart city technology programs as set forth in subdivision b of this section incorporates data privacy tools including, but not limited to, privacy

standards and practices, notice and consent, local storage, data minimization, vendor management and de-identification of personally identifiable information.

d. 1. The administering agency shall convene a smart city technology working group. The smart city technology working group shall be comprised of the following members:

(a) The head of the administering agency or such head's designee, who shall serve as chair;

(b) The comptroller or the comptroller's designee;

(c) The commissioner of information technology and telecommunications or such commissioner's designee;

(d) The commissioner of transportation or such commissioner's designee;

(e) The commissioner of environmental protection or such commissioner's designee;

(f) The commissioner of sanitation or such commissioner's designee;

(g) The commissioner of citywide administrative services or such commissioner's designee;

(h) The chief privacy officer or such officer's designee;

(i) The heads of any other offices or agencies, or their designees, as designated by the mayor;

(j) Two city council members, or such members' designees, as designated by the speaker of the council;

(k) Four members appointed by the mayor, which shall include individuals with experience or expertise in smart city technologies; and

(l) Three members appointed by the speaker of the council, which shall include individuals with experience or expertise in smart city technologies.

2. All appointments required by this section shall be made no later than 90 days after the effective date of the local law that added this section.

3. Each member of the working group shall serve at the pleasure of the officer who appointed the member. In the event of a vacancy on the working group, a successor shall be selected in the same manner as the original appointment. All members of the working group shall serve without compensation.

4. The working group shall invite representatives of the metropolitan transportation authority, the New York city transit authority, the port authority of New York and New Jersey, the public service commission and utility companies whose service area includes a portion of the city to participate as non-voting members.

5. The working group shall meet at least once every six months and shall hold at least one public meeting annually.

6. The working group shall consult with and, upon request of the mayor or any agency, advise the mayor or such agency on any matter related to the smart city technology programs as set forth in subdivision b of this section.

7. No later than 12 months after the final member of the working group is appointed, and annually thereafter, the working group shall submit to the mayor and the speaker of the council, and post on the city's website, a report containing the following information:

(a) A review of the implementation progress and status of each of the smart city technology programs as set forth in subdivision b of this section;

(b) Any issues or challenges in implementing the smart city technology programs as set forth in subdivision b of this section, and recommendations for addressing such issues or challenges;

(c) Recommendations related to the development and implementation of additional smart city technologies, including a feasibility assessment of such smart city technologies and actions that the city could take in connection with such recommendations; and

(d) Any other activities undertaken by the working group during the preceding year.

e. The mayor shall designate one or more offices or agencies to administer the provisions of this section and may, from time to time, change such designation.

§ 2. This local law takes effect 120 days after it becomes law.

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