

TRANSITION MEMO

City of ELEVEN

To: Honorable Mayor G. Thunberg

From: Rudy de Leon Dinglas, City Manager

Cc: Kathryn Charpin (Health Commissioner); Elizabeth Carter (Transportation Commissioner); Leah Roach (Commissioner of Social Services)

Date: March 7, 2020

Subject: Policy Proposal on Reducing CO₂ in the City of Eleven

Honorable Mayor Thunberg, after thorough research within various departments and consulting with the residents and business of the City of Eleven, the following recommendations are provided to you to *address the increasing carbon dioxide (CO₂) rates* in our great city. The following priorities were designated: *social equity, economic mobility, and environmental sustainability*. Research conducted and provided throughout this transition memo contains a 15-year forecast for the City of Eleven.

Health Services

To improve the health and well-being of our residents, it is incumbent upon our administration to reduce the CO₂ levels in the City of Eleven along with a reduction in particulate matters for all districts. Bike usage throughout the city needed further support - increasing bike infrastructures and the safest possible lane constructions along with introducing bike share programs are projected to increase bike usage for the city along with promoting a healthier population (decreased heart disease, and improved mobility). Research findings projects a significant decrease in deaths per 100,000 (from 58.37 deaths to 33.920). Additionally, particulate matters will be significantly reduced from 25.21µg/m³ to 15.54µg/m³ resulting in a healthier city that will showcase a decrease in COPD hospital rate per 100K (-0.79) along with a decrease in respiratory infections hospital rate per 100K.

Social Services

The overall quality of the City of Eleven's social services will greatly benefit a more structured approach to reducing CO₂ levels. Increased access to jobs through bike infrastructures, bus routes and availability, along with rail investment will further close the transportation gap that we see in the City. Unemployment levels are projected to gradually and steadily decrease from 6.5 to 4.6, a two-point reduction. This is realized by doubling job openings from 266K to 463K in fifteen years. Income, with increased access to jobs and economic opportunities, will also prove to increase income in the City. With these improvements and positive impacts, property values in the City of Eleven will increase throughout the city, as a whole.

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Transportation Services

Daily commutes are of the most personal and tangible experiences citizens have with their city each day. Different districts present unique needs and constraints making a unilateral approach ineffective and wasteful. As such, this council adopted a tailored approach to the expansion of each district's transportation system, prioritizing economic mobility affordability, social equity through access, and-- above all else-- sustainability. For example, in the downtown district, bike highways and bus routes were expanded to meet the needs of a mobile, urban population. In Howard Gardens, through an investment in the bike share program, job access via bike was nearly doubled. In Moses-Gulch's residential area, on the outskirts of the city, existing train rails were fortified to provide a sustainable alternative to a suburban population who previously relied upon automobile commutes. The effect of this is reflected in a CO₂/capita decrease of 13,019 to 4,850 from 2020 to 2035. In the city overall, as a result of the sustainable policies, tailored to each district, there was a decrease in CO₂/capita from 52,846 to 20,234 from 2020 to 2035.

Financial Services

As a city, it is imperative that we continue to seek ways to increase revenue without harming the pockets of the citizens of Eleven, while also mitigating the costs to improve efficiency in city administration. This council, tasked with providing data-informed recommendations, has taken proper measures to assure that our city consistently grows with our citizens while assuring that the services that our citizens need, are provided swiftly and efficiently. With limited resources, we must not only work harder, but smarter with a focus on fiscal accountability. For example, this research illustrates that our total transportation revenue forecasts a welcomed increase by almost \$30 billion by the year of 2035.

As this memo articulates, the City of Eleven cannot forgo another administration to ignore the positive impacts of addressing the CO₂ problems that affect the socio-economic facets of this City. As public administrators, we are tasked to manage public programs in the interest of the citizens, with an eye to social equity, economic mobility, and sustainability. More and more, cities like ours are pushed to operate within limited fiscal means. The research conducted by this council translates politics and administration to address the realities that the citizens see every day while remaining within the fiscal boundaries. The analysis conducted through this research is data-informed, citizen approved and are actionable from day one upon your ascension to office.

Respectfully yours,

Rudy de Leon Dinglas, City Manager