WATERFRONToronto

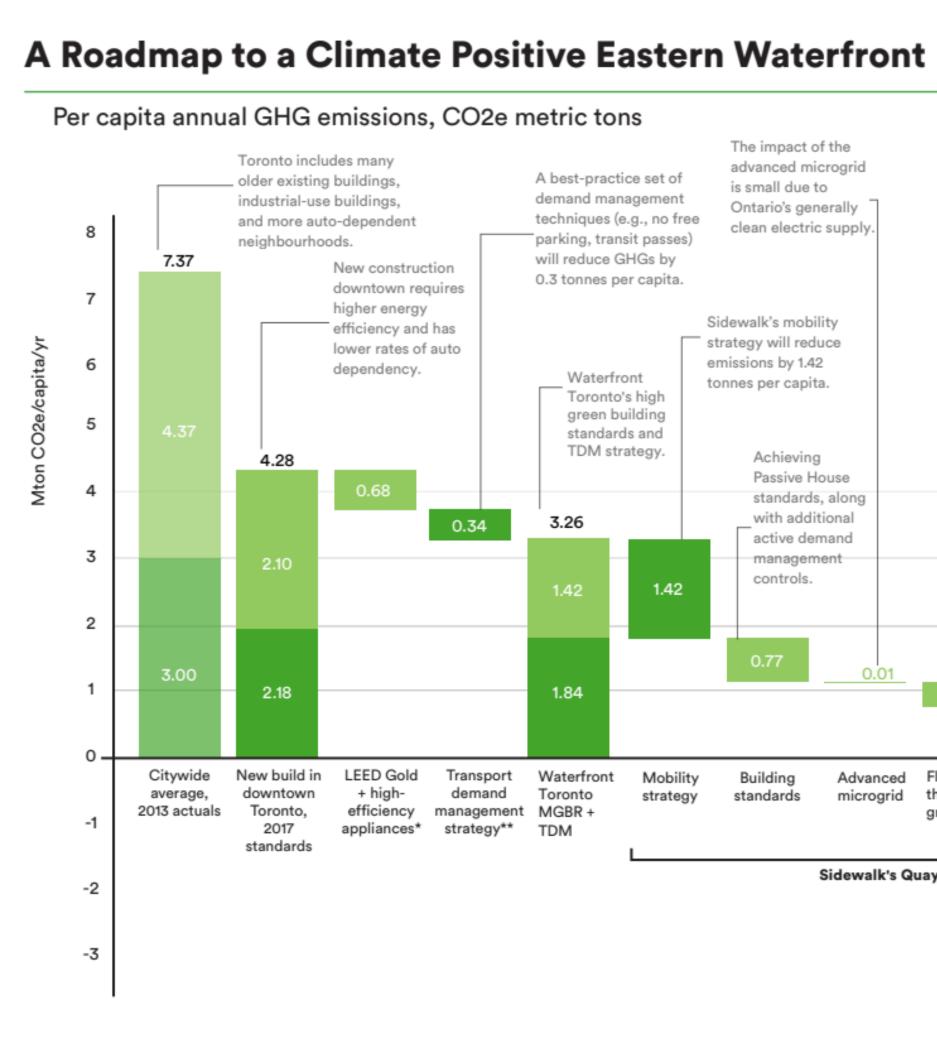
About Project

beginning with the creation of **Quayside**.



C40 is a network of the world's megacities committed to addressing climate change, for which David Miller signed Toronto up during his tenure as mayo and is currently the North America Regional Director.

Its Climate Positive Development Program currently has 18 projects, including Waterfront Toronto's Lower Don Lands, that are creating replicable models for large-scale urban communities that reduce GHG to a net-carbon negative (below-zero) level. Many are partnerships between public and private sectors



Climate Positive

Sidewalk Toronto is a joint effort by Waterfront Toronto and Alphabet's Sidewalk Labs to create a new kind of mixed-use, complete community on Toronto's Eastern Waterfront,



The impact of the advanced microgrid is small due to Ontario's generally		A flexible therm grid will tap							Stationary Transport**	
Clean electric supply. Sidewalk's mobility strategy will reduce emissions by 1.42 onnes per capita. Achieving Passive House standards, along		waste heat from the buildings themselves, the sewerage, and geothermal.	ir S v t b Sic Sic in foc ha the	idewalk's conc vater and waste vill reduce anot onnes, mainly t vaste generatio oetter material i dewalk's vision uayside will resi a per-capita Gl otprint of just o lf a tonne, by fa e lowest of any	handling ther 0.23 through less on and far recovery. for ult HG ver ar	Waterfr the was massive would r climate will ma	scale of the Eas ront, it will be p ste heat and co a sources, any make the Easte positive. All to ke the waterfro er of thermal er	possible to t ool from thre one of which on Waterfro ogether, they ont a major	h nt Y	
with additional active demand management controls.				ighbourhood in orth America.	1	of dow	ntown.		With these, the Eastern Waterfront will have a significant climate positive impact.	
0.01	0.30	0.23	0.53 0.11 0.42	0.03	0.73	Ashbridges WWTP				
Building Advanced standards microgrid	Flexible thermal grid	Water and smart waste disposal system	Quayside	Efficiency gains from system expansions	Deep lake cooling	1.98	Portlands Energy Centre		tern rfront	
Sidewalk's Q	uayside Plan									
				L			0.88		.09	
	Sidewalk's Eastern Waterfront Vision									

Sustainability Intern, Sidewalk Toronto MAY LIM

About Role

Projects Undertaken

Lessons Learned

- Support development of sustainability strategy for Sidewalk Toronto's Master Innovation and Development Plan.
- Provide succinct research and analysis to development and planning teams.
- Prepare written material (e.g. memos, slide decks, briefing notes)
- Apply key learnings from studies in sustainability, business, urban planning, or other related academic field.



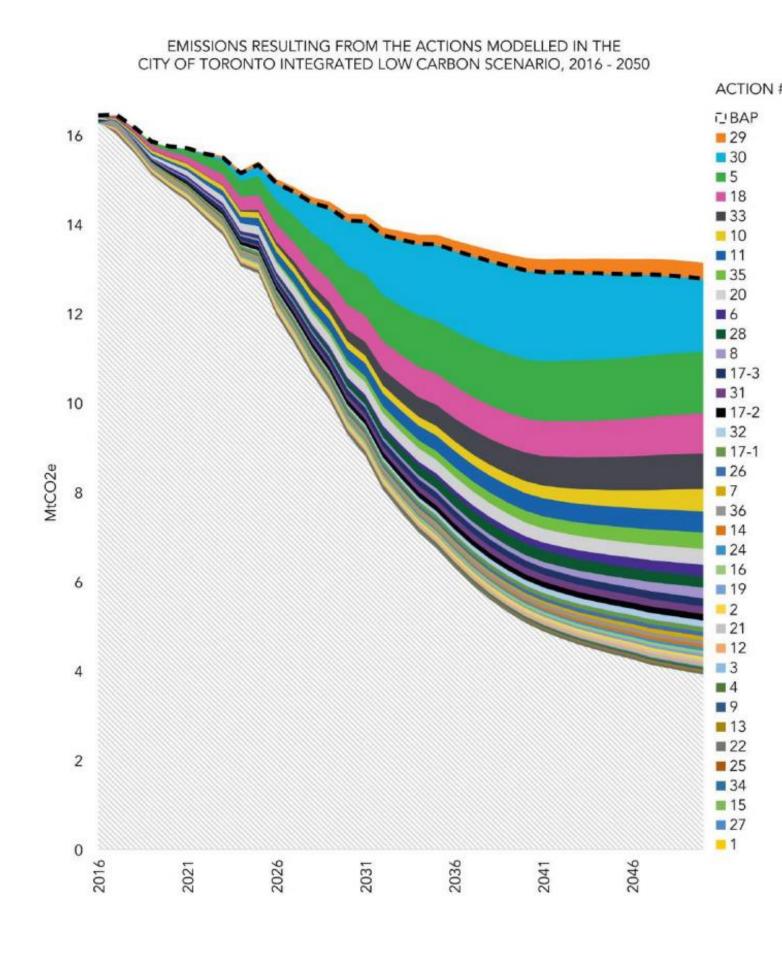
POLICY RESEARCH

ELECTRIC VEHICLE STRATEGY

- Participated in City of Toronto's EV Working Group and the drafting of the City's Framework for Electric Mobility
- Aligned Waterfront Toronto's vision for a potential Low Emission Zone (LEZ) and emission reduction targets with other mobility strategies
- Drafted a backgrounder on infrastructure considerations for EV adoption

COMMUNITY INVESTMENT

- Presented precedents and business models for establishing a community carbon fund for offset projects
- Initiated dialogues with community and industry
- Policy matters, a lot. City of Toror the new Toronto Green Standard a provincial government change had Meeting people with a shared vision
- contributes in different ways, each



All views expressed are of my own, and do not represent those of Waterfront Toronto, Sidewalk Toronto, or Sidewalk Labs.



• Aligned Sidewalk Toronto's sustainability objectives and targets with policy and regulations of the three orders of government as well as the C40 Climate Positive Framework • Reported on the latest changes in policy (e.g. TGS v₃)

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nto's visionary TransformTO and	-
add fuel to industry climate action;	-
d its own implications	
on is inspirational. Everyone	
h way no less important than the ot	:he



- Sustainability goals should never be siloed; always be aware of different contexts, interests, and budgets.
- Team dynamic is important; very grateful for a fantastic team!
- It's also very important to remain proactive even when working fulltime, like still going to events, networking, reading the news, and doing outreach.
- If you enjoy the work, then you enjoy working. (You don't mind staying later at all.)
- p.s. MScSM classmates are the biggest resource!

