

IUC-NA

Integrated Local Action Plan (iLAP)

Summary

<u>City:</u>	Malmö	Ottawa
<u>Province, State, Department...:</u>	Skåne County	Ontario
<u>Country:</u>	Sweden	Canada
<u>Population:</u>	323,000	934,243
<u>Size (km²)</u>	158.4 km ²	2,796 km ²
<u>Period of cooperation</u>	November 2017- November 2019	
<u>Cooperation Themes:</u>	<ul style="list-style-type: none"> • Sustainable Redevelopment of Large Urban Sites • Cleantech solutions and Renewable Energy • Planning for Inclusive Economic Growth 	
<u>Related SDGs and Urban Agenda topics:</u>	<p>SDGs: 9- Industry, innovation and infrastructure 11- Sustainable cities and communities 17- Partnerships for the Goals</p> <p>EU Urban Agenda: -Energy transition -Jobs and skills in the local economy</p>	
<u>Key focus of cooperation themes:</u>	<ul style="list-style-type: none"> - Smart cities, innovation, and technology integration - Inclusive, innovative, and sustainable economic growth 	
<u>Key challenges of cooperation theme:</u>	<p>Primary challenge: How can local governments leverage the local clean technology sector to promote innovation in new planning and development initiatives?</p> <p>Secondary challenge: How can local governments assist local clean technology companies in securing new markets and business opportunities abroad?</p> <p>Tertiary challenge: How can local governments work with clean technology companies to build a diverse and inclusive workforce?</p>	



<p>Main <u>objectives</u> of cooperation as described in the U-CAP:</p>	<ul style="list-style-type: none"> -Identify possible solutions, technologies and business opportunities related to renewable energy that can be shared between Ottawa and Malmö. -Share best practices and lessons learned for placemaking through improved public realm design. -Contacts established between urban developers in two city districts: Sofielund, Malmö and Vanier, Ottawa for capacity building. -Share challenges and opportunities when working on large redevelopment sites.
<p>Short description of main <u>activities</u> and key <u>outputs</u> (e.g. pilot projects):</p>	<p>On Learning Exchanges to Malmö and Ottawa, each city learned about approaches and solutions the other one is using for sustainable development and alternative energy sources. In Malmö, Ottawa delegates visited district energy sites, including an Ectogrid, along with other sites with circular economy initiatives.</p> <p>In Ottawa, Malmö delegates visited the Zibi development site, which is the first site in Canada to adopt the One Planet Living framework. Malmö delegates also visited several Business Improvement Areas/Districts (BIA/Ds) in Ottawa and Toronto and explored opportunities to replicate this Canadian framework in Malmö.</p> <p>Ottawa and Malmö also conducted pitch and match sessions for local businesses to pitch to the visiting delegations. Malmö is currently planning a new framework for BIDs in the local context, based on models from Ottawa and Toronto, with the city of Ottawa’s support.</p> <p>The One Planet Living model is being considered for two development areas in Malmö: Nyhamnen and Sege park. The city of Malmö and its project partner, WSP, will keep supporting and managing the Ectogrid.</p> <p>Ectogrid is an option for district energy systems in Canada and, based on the successful implementation demonstrated in Malmö, Ottawa will pursue it for large development sites. Also based on successful examples in Malmö, Ottawa will include sewage plant heat recovery technology, renewable natural gas and power to gas solutions as items of study in the city’s upcoming Biogas Optimization Study, and waste-to-heat survey.</p>



	<p>In the City's reports on Solid Waste Management and Energy Evolution, Ottawa will address the opportunities for municipal organic material for biogas production.</p>
<p>Expected results and benefits:</p>	<ul style="list-style-type: none"> -Learning more about the BID-model which originated in Canada, and now is to be expanded in Malmö. -Learning about Malmö's district heating approaches and E.ON as a potential supplier to Ottawa Introducing E.ON's innovative system Ectogrid to potential buyers in Canada, and the Canadian company Growcer in Malmö. -Learning about Malmö's waste diversion and processing systems and the high carbon reduction return on investment through the production of biogas. -Learning more about community engagement in Canada and how to include various stakeholders in the society.

For further information (including access to the full iLAP), please **contact:**

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