

STRATEGY 1

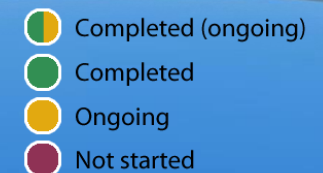
Improve air quality and
reduce greenhouse
gas emissions



Initiative 1.1

Raise citizens' awareness of various environmental certifications and implement the Leadership in Energy and Environmental Design (LEED) standard when building or renovating municipal infrastructure

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Publicize advantages of LEED and other environmental certifications in our municipal publications at least once a year	Number of publications		2016	Communications Environment	Article published in the fall issue of Info-Kirkland
2. Create a new section on the Town's website promoting LEED and other environmental certifications	Addition of new section		2016	Communications Environment	In progress – Publication scheduled for 2018
3. Adopt a five-year plan to implement and promote the best possible ways to reduce energy consumption in municipal buildings	Adoption of the plan		2016	Engineering Environment Public Works	Reducing energy consumption is an ongoing process. No plan has been implemented at this time. However several measures have been put into place such as the replacement of street lighting to LED lighting with light sensors
4. Adopt a municipal policy compelling the city to follow specific LEED criteria and/or other environmental certifications when renovating buildings	Adoption of policy		2018	Engineering Environment	Action not yet started



STRATEGY 1

Improve air quality and
reduce greenhouse
gas emissions



Initiative 1.2

Continue to pressure the Montreal Agglomeration and the Quebec Government for improvements to the public transportation system

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Attend Agglomeration meetings on public transportation to ensure the decision-making process includes Kirkland's input	Number of meetings attended		2016 to 2020	Engineering Environment	Several meetings attended with different partners (Montreal Agglomeration, STM, CDPQ-Infra, government agencies)
2. Set up an annual meeting with Agglomeration and government representatives to voice Kirkland's needs and concerns	Number of meetings and number of participants		2016	Engineering Environment	Several meetings attended with different partners (Montreal Agglomeration, STM, CDPQ-Infra, government agencies)

Initiative 1.3

Favour hybrid/electric cars when replacing town vehicles and promote transportation electrification



Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Adopt a vehicle replacement policy plan with monitoring measures specific to city-owned vehicles	Adoption of the policy and implementation of monitoring measures		2016	Public Works Environment	Action completed – Acquisition of a 2 nd vehicle (Kia Soul EV 2017) in light of the positive results of 2016
2. Conduct a study to determine the tangible benefits of acquiring hybrid/electric cars and charging stations for our municipal fleet	Creation of the study		2016	Public Works Environment	Action completed

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 1

Improve air quality and
reduce greenhouse
gas emissions



Initiative 1.4

Increase communications on the harmful impacts of greenhouse gas (GHG) emissions

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Publish an article with web links to scientific articles in Info-Kirkland and other town publications at least once a year	Publication of the article		2016	Communications Environment	Article published in the spring Info-Kirkland
2. Add GHG reduction awareness to the Green Line/Patrol tasks list	Addition to tasks list		2016	Environment	Awareness campaign conducted by the Green Patrol during the summer 2017
3. Create a new section related to GHG emissions on the town's website	Addition of new section		2017	Communications Environment	Addition of a new section on idling postponed to 2018. However the website already provides some information on idling (GHG).

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 1

Improve air quality and
reduce greenhouse
gas emissions



Initiative 1.5

Promote active modes of transportation such as walking and cycling

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Add and maintain bicycle stands at all municipal facilities	Number of bike stands installed		2016 to 2020	Public Works	New bicycle stands were also installed at the curb on l'Anse-à-l'Orme and Meaney streets
2. Maintain the municipal bike patrol service on the servitude during the summer months	Continuation of the project		2016 to 2020	Public Works	Monitoring operations are carried out regularly on the Hydro-Quebec servitude by the municipal patrol
3. Add promotion of means of active transportation to the Green Line and Green Patrol's tasks lists	Addition to tasks lists		2016	Environment	Awareness activities were conducted by the Green Patrol at the 2017 Kirkland Summer Day Camps
4. Provide bicycles for use by the Green Patrol and Green Line students during summer	Purchase and use of bicycles		2017	Environment	Action completed
5. Join the Regional Action Plan program (<i>Montréal physiquement actif</i>)	Membership in the program		2017	Environment	Action not yet started – postponed to 2018
6. Establish and promote five self-guided walking and cycling tours showcasing Kirkland landmarks and services	Creation and promotion of tours		2017	Environment Communications Recreation	Action in progress – project delivery scheduled for 2018

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 1

Improve air quality and
reduce greenhouse
gas emissions



Initiative 1.5

Promote active modes of transportation such as walking and cycling

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
7. Create a new section on the town's website outlining the benefits of walking and cycling	Addition of new section		2017	Communications Environment	Action in progress – project delivery scheduled for 2018
8. Explore the viability of joining a self-service bike program (e.g. Montreal's Bixi)	Completion of the study		2020	Environment	Action not yet started
9. Add 500 m of bike path	Number of meters added		2020	Engineering Public Works	In progress - 300 m up to now (work scheduled for 2018)
10. Add 500 m of sidewalk	Number of meters added		2020	Engineering Public Works	Action completed (500 m) – addition of sidewalks will however continue until 2020

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 1

Improve air quality and
reduce greenhouse
gas emissions



Initiative 1.6

Promote and enforce Kirkland's municipal by-law on idling

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Publish an article relating to the idling by-law, once a year in Info-Kirkland and other town publications	Publication of the article		2016	Communications Environment	Articles published in the winter Info-Kirkland and on the town's website
2. Set up an annual meeting with the municipal patrol to validate expectations	Number of meetings held		2016	Public Works Environment	Meetings were held periodically to address complaints and problems observed
3. Create special "thank you" tickets for distribution to Kirkland motorists who turn off their engine while waiting in the car	Number of tickets distributed		2017	Communications Public Works Environment	Action not yet started – postponed to 2018
4. Provide training on eco-driving for municipal employees	Number of employees trained		2018	Environment	Action in progress – completion scheduled from 2018 to 2020
5. Design a leaflet outlining by-law restrictions on idling and distribute such leaflets	Creation of leaflet and number distributed		2020	Communications Environment Public Works	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 2

Ensure the quality of residential living environments

Initiative 2.1



Raise awareness about the importance of keeping dogs on a leash at all times

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Post and maintain signs at all park entrances	Number of signs displayed		2016 to 2020	Public Works	Signs are installed systematically at every municipal park (if needed)
2. Raise awareness using all available communication tools	Number of publications issued		2016 to 2020	Communications	Article published in the spring Info-Kirkland and on the town's website
3. Establish annual meetings with the Municipal Patrol to assess the results of the communication campaign and set expectations	Decline in reported off-leash incidents		2016	Public Works	Meetings were held as needed to address ongoing issues and citizens' complaints
4. Create "good citizenship thank you tickets" for distribution to those who do keep their dogs on a leash	Number of notices given		2017	Communications	Not yet started – postponed to 2018
5. Design a leaflet outlining by-law restrictions and distribute such leaflets	Creation of leaflet and number distributed		2017	Communications Public Works	Completed
6. Build new dog parks in Kirkland	Construction of the dog parks		2020	Recreation Engineering	Not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 2

Ensure the quality of residential living environments

Initiative 2.2



Develop new recreational pathways connecting to neighbouring towns

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Establish annual meetings with representatives from neighbouring towns to discuss intermunicipal recreational pathway connections	Number of meetings held		2017	Recreation Engineering	Meetings were held in 2017 to discuss the projected development of the Hydro-Quebec servitude westward
2. Develop a comprehensive pathway master plan identifying the most viable pathway connections and costs	Publication of the plan		2017	Recreation Engineering	Action completed
3. Survey Kirkland residents on potential connecting pathways	Publication of survey results		2017	Recreation Engineering	Two public consultations were held in 2017 relating to the REM

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 2

Ensure the quality of residential living environments



Initiative 2.3

Continue to beautify the town in general

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Complete the upgrade of the town's 90 green islands and promote such completion in municipal publications	Number of green islands upgraded and times published	●	2016 to 2020	Public Works Communications	Action completed – in maintenance mode for the upcoming years
2. Complete the landscaping redesign of town entrances	Number of landscaping completed	●	2016 to 2018	Public Works	Landscaping redesign has been completed at five of the eight entry points. Two entry points remaining on St-Charles (2018) and one on Brunswick (date to come)
3. Reinstate the "Maisons Fleuries" contest for residential and commercial sectors	Reinstatement of the contest	●	2016	Public Works Communications	Action completed
4. Survey Kirkland residents for suggestions on how to further beautify the town	Publication and results of the survey	●	2017	Communications	Action not yet started – postponed in 2018
5. Create a community garden	Creation of the community garden	●	2020	Recreation Environment	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 2

Ensure the quality of residential living environments



Initiative 2.4

Offer financial incentives to citizens toward ecological renovations

Actions	Tracking Indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Offer a reduction in the cost of the construction permit for ecological renovations	Adoption of the incentive	●	2018	Urban Planning Environment	Action not yet started
2. Offer a free rain barrel and household composter for completed ecological renovations	Adoption of the incentive	●	2018	Environment	Action not yet started

Initiative 2.5

Embellish public utility boxes



Actions	Tracking Indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Decorate all public utility boxes installed in parks and green spaces	Number of utility boxes upgraded	●	2017	Public Works Communications	Project under study – Cost-benefit analysis to be done. Project is currently being reevaluated

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 3

Manage Resources
Responsibly

Initiative 3.1

Prioritize eco-friendly practices



Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Remain up to date about available government grant and subsidy opportunities	Monthly monitoring		2016 to 2020	Environment	Research conducted on a systematic basis using different platforms
2. Set an objective for every department head to adopt eco-friendly practices and pursue training in knowledge and abilities on sustainable development	Yearly achievement		2016	Public Works Environment Engineering Recreation Communications Legal Affairs	Action completed
3. Integrate eco-friendly practices and related criteria into the town's purchasing policy	Changes to policy		2016	Environment	Purchasing policy is subject to a process of continuous improvement and specific environmental clauses have been added to selected calls for tenders
4. Use 100% recycled paper in municipal printers	Once conversion is completed		2016	Environment	Conversion in progress in accordance with contract renewals
5. Use 100% recycled paper in 50% of our municipal publications	Ratio of publications		2016	Communications Environment	Action completed – New contract (with 100% recycled paper)
6. Require the use of eco-friendly cleaning products for the maintenance of municipal buildings	Once conversion is completed		2017	Environment	Gradual conversion in all municipal buildings

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 3

Manage Resources
Responsibly

Prioritize eco-friendly practices



Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
7. Favour the use of battery-powered tools for municipal purposes (ex. weed eaters, lawn mowers, pruning shears, etc.)	Number of items purchased		2020	Public Works	Purchase of battery-powered tools for municipal purposes
8. Collect rainwater from municipal buildings	Number of rainwater collection systems installed		2020	Engineering Environment Public Works	Action not yet started
9. Install solar panels on municipal buildings	Number of solar panels installed		2020	Engineering Environment Public Works	Four (4) pedestrian panels were installed (solar energy)
10. Continue the search for means to reduce the amount of de-icing salt used on our streets and try new alternatives to salt on an annual basis	Summary of research and test results		2016 to 2020	Public Works Environment	Ongoing - Adding abrasives (sand and stone) to de-icing salt reduced the quantity of salt to spread
11. Continue the street light conversion to LED program and attain a 50% conversion ratio	Number of lights changed		2016 to 2020	Engineering Public Works	Street light conversion to LED is carried out as part of the town's annual street rehabilitation projects
12. Continue the conversion to LED lighting program in municipal buildings and attain a 50% conversion ratio	Number of lights changed		2016 to 2020	Public Works Engineering	Lighting changed at the Arena, the Sports Complex and Public Works

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 3

Manage Resources
Responsibly



Initiative 3.2

Promote the recycling of construction, renovation and demolition materials (CRD)

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Raise awareness about the benefits of recycling CRDs using all available communication tools	Number of publications		2016 to 2020	Communications Environment	Articles published in the spring Info-Kirkland, Enviro-K and in the municipal calendar
2. Add a provision in the permit request form requiring that CRDs be recycled	Modification to the permit request form		2016	Urban Planning	In progress
3. Conduct a municipal study to identify possible improvements to the bulk item and CRD collection	Completion of the study and results		2017	Environment Public Works	Study in progress – results expected by the end of 2018
4. Include CRDs in the monthly bulk garbage collection	Modification of the process		2018	Environment	Study in progress – results expected by the end of 2018

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 3

Manage Resources
Responsibly



Initiative 3.3

Ban organic waste from the regular trash and promote the town's organic collection

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Publicize the ban of green waste from household garbage collection and continue to raise awareness using all available communication tools, including information sessions	Number of publications and information sessions		2016 to 2020	Communications Environment	Ban was advertised via all communication tools available to the town
2. Undertake a needs assessment and if needed, adjust the number of paper bags allowed per household for fall leaf and green waste collection	Needs assessment and changes as needed		2016 to 2020	Environment	Maintaining the number of bags provided to residents (100,000 per year)
3. Extend the distribution program of paper bags for green waste collection to the spring	Implementation of new program and number of bags distributed		2016	Environment	Action completed
4. Promote easy alternatives to discarding green waste in the regular trash	Creation of leaflet and other promotional materials		2016	Communications Environment	Information disseminated via all available communication tools and flyer distributed to all Kirkland households
5. Develop a policy to ensure landscaping contractors comply with the ban of green waste from the regular trash	Adoption of the policy		2016	Legal Affairs Engineering Environment	Action completed
6. Discontinue the practice of picking up garbage bags containing green waste in the Friday regular garbage collection	Implementation of the strategy		2016	Environment	Action completed
7. Issue warning tickets to offenders who put green waste in the regular trash	Implementation of the strategy and number of warnings issued		2018	Public Works	Municipal patrol and Green patrol issued more than 100 warning tickets
8. Amend relevant bylaws banning food waste from the regular trash, in compliance with the 2020 government deadline	Adoption of the bylaw amendment		2019	Legal Affairs Environment	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started





STRATEGY 3

Manage Resources
Responsibly

Initiative 3.4

Further promote environmental programs and increase their visibility

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Continue to promote the progress of our waste management programs and related savings once a year via Info-Kirkland and other town publications	Publication of articles		2016	Communications Environment	Information disseminated via the fall Info-Kirkland and the town's website
2. Continue the implementation and upkeep of recycling and organic collections in municipal buildings	Completion and maintenance of the process		2016	Environment	Action completed – annual audit to be carried out
3. Obtain the “ICI ON RECYCLE!” level 3 certificate in official recognition of outstanding results for all municipal buildings	Number of certificates obtained		2016	Environment	In progress – Waiting for Recyc-Quebec to release new criteria (Program reform underway)
4. Update and republish Kirk76land's Info-Enviro guide	Publication of the guide and number of copies distributed		2017	Communications Environment	Action completed
5. Double the number of Household Hazardous Waste (HHW) collection events	Number of days added		2018	Environment	Ongoing – Request made to the Montreal agglomeration (this collection does not fall under Kirkland's jurisdiction)

-  Completed (ongoing)
-  Completed
-  Ongoing
-  Not started

STRATEGY 3

Manage Resources
Responsibly

Initiative 3.5



Implement green initiatives at public events

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Further develop the program for the use of blue and brown bins at public events	Addition of blue and brown bins at public events		2016 to 2020	Recreation Environment	Ongoing – this action is now integrated in all events organized by the Town
2. Design a sign promoting proper waste management for display at the various points of entry at public events	Production and display of the sign		2016	Communications Environment Recreation	Action completed
3. Dispatch the Green Patrol at public events to assist participants with the discarding of on-site waste in the proper bins	Involvement of the Green Patrol		2016	Environment	Two members of the Green Patrol were on site at Kirkland Day
4. Ban the use of styrofoam and other non-recyclable/non-compostable dishes at municipal public events	Adoption of the ban		2017	Recreation Environment	Liquidation of existing stocks - no new purchase of styrofoam and other non-recyclable/non-compostable dishes
5. Create and promote a document/checklist for implementing green initiatives at public events	Creation of the document		2017	Environment	The Environment division gets involved in each event providing a list of key elements to focus on, depending on the type of activity
6. Make green initiatives mandatory at private gatherings via the permit request	Addition of requirement on the permit request form		2018	Urban Planning Engineering Recreation	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 3

Manage Resources
Responsibly

Initiative 3.6



Promote water reduction programs

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Continue to offer the shower kit subsidy until the government grant program expires	Continuation of the program		2016 to 2020	Environment	Hydro-Quebec's program ended in 2017
2. Continue to promote water use best practices via town publications	Number of publications		2016 to 2020	Communications Environment	Information disseminated via the summer Info-Kirkland, Enviro-K and the town's website
3. Continue the subsidized rain barrel program	Continuation of the program		2016 to 2020	Environment	Promotion maintained for 2017
4. Promote the benefits of disconnecting gutters from the foundation drain and redirecting the water flow towards the lawn and landscaping, via municipal publications, the Green Line and the Green Patrol	Number of publications		2016	Communications Environment	Awareness campaign ran by the Green and the Blue Patrol during the spring and summer 2017

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 3

Manage Resources
Responsibly



Initiative 3.7

Extend the organic waste collection service

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Extend municipal organic waste collection service to all schools and daycares	Number of participating schools and daycares		2018	Environment	This service is now officially offered to all Kirkland schools. It is however up to each school to decide if they want to implement such a program
2. Create a pilot project for implementation at one of our 9 units (and +) residential buildings	Implementation of the pilot project		2017	Environment	Work in progress
3. Work with condo associations to explore incentives for their residents to participate in the organic waste collection program	Number of meetings and Inclusion		2018	Environment	Work in progress

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 4

Ensure the implementation of sustainable development practices in industrial, commercial and institutional establishments (ICIs)



Initiative 4.1

Develop a communication network with ICIs

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Prepare and distribute an information package to Kirkland ICIs explaining the town's SDP initiative and expectations	Letter to ICIs and number of meetings		2016	Environment Communications	ICIs were invited to participate in various programs such as the Kirkland in Bloom contest and the recycling program
2. Create a municipal mailing list for Kirkland ICIs	Creation of the mailing list		2017	Environment Communications	Action completed
3. Organize meetings for all ICI owners to express their views and concerns, and propose projects and possible partnerships	Holding of the meetings		2017	Environment	Action not yet started – postponed to 2018
4. Raise awareness and educate ICIs via new communication tools, to stimulate their commitment to green initiatives	Distribution of the communication tools		2017	Communications Environment	Communication tools created and distributed to ICIs upon request

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 4

Ensure the implementation of sustainable development practices in industrial, commercial and institutional establishments (ICIs)

Initiative 4.2



Encourage ICI partners to plant a minimum number of trees proportional to the size of their land

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Amend the zoning bylaw to specify the minimum ratio of trees required for construction and renovation projects	Amendment to the zoning bylaw and number of trees planted on ICI property		2016	Legal Affairs Urban Planning	Action completed

Initiative 4.3



Implement waste reduction programs in ICIs

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Offer the blue box recycling service to all ICI establishments	Number of ICIs serviced and number of bins distributed		2016	Environment	Action completed – ICIs can register on a voluntary basis
2. Offer the organic waste collection service to all ICIs	Launch of the program and number of bins distributed		2020	Environment	Service implemented in several institutions (schools, daycares, non-profit organizations); not yet offered to businesses and industries
3. Develop a strategy to recognize ICI's participatory efforts	Implementation of the strategy		2020	Environment	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 4

Ensure the implementation of sustainable development practices in industrial, commercial and institutional establishments (ICIs)



Initiative 4.4

Implement municipal projects to plant trees and flowers on ICI private land

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Conduct an urban forestry study to explore the possibility of planting trees in the municipal right-of-way on ICI's property	Completion of the study		2017	Public Works Environment	Ongoing study – 150 trees planted in 2017 on the eastbound service road, in front of the industries
2. Create a turnkey tree-planting project with care program for ICIs and their partners	Creation of the project		2017	Environment Public Works	Action not yet started – postponed to 2018
3. Implement a program offering ICIs discounts or subsidies on a variety of low maintenance trees	Implementation of the program and number of trees planted		2018	Environment	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 4

Ensure the implementation of sustainable development practices in industrial, commercial and institutional establishments (ICIs)



Initiative 4.5

Educate ICIs on eco-friendly initiatives

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Distribute a leaflet explaining the “ <i>Bureau de normalisation du Québec</i> ” standard 3019-190 on ecological parking lots with every construction permit issued to ICIs	Number of leaflets distributed		2016	Urban Planning Environment	The zoning By-Law will be modified to integrate this new requirement. The new regulation will be presented to ICIs during discussion meetings for potential expansion projects, renovation or new construction
2. Adopt a municipal policy to encourage ICIs to install bike stands	Adoption of the policy and number of bike stands installed		2017	Urban Planning Environment Legal Affairs	Action completed – The new By-Law is now in effect
3. Add information to permits issued for ICI projects outlining the benefits of bicycle stands	Modification of the permit		2017	Urban Planning Environment	Action completed – During planning sessions, the Urban Planning Department provides information to ICI owners on the need to supply parking facilities on their property



- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 5

Improve the protection of biodiversity, natural environments and green spaces



Initiative 5.1

Plant a greater diversity of trees and flowers on municipal land

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Plant natural flower beds (pré-fleuris) on municipal properties	Number of flower beds planted		2016 to 2020	Public Works	We put an end to a pilot project on Leclerc island, because the results were inconclusive. Each situation is however studied on a per case basis and we do not exclude the possibility of reviving the project
2. Apply the ratio of perennials/annuals set out in Kirkland's Climate Change Adaptation Plan	Attainment of the ratio		2016 to 2020	Public Works Environment	Action completed
3. Attain a 25% canopy ratio in neighborhood parks and municipal properties	Increase in the canopy ratio		2016 to 2020	Public Works Recreation	In progress - 850 trees will be planted annually from 2017 to 2027
4. Develop a strategic planting plan for municipal parks and properties	Completion of the plan		2016	Public Works Recreation	Parks Master Plan adopted – Planting Plan currently in development by an outside firm
5. Create a small arboretum containing various tree species in a municipal park for education and study purposes	Completion of design and planting		2018	Public Works Recreation Environment	Action completed
6. Create a trail of fruit trees and edible plants on municipal land	Completion of the trail		2018	Public Works Environment	Action completed – des Bénévoles Fruit Alley

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 5

Improve the protection of biodiversity, natural environments and green spaces

Initiative 5.2



Implement Kirkland's strategy regarding ash trees

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Identify and evaluate best practices in Emerald Ash Borer management and revise Kirkland's plan as needed	Implementation of best practices		2016 to 2020	Public Works	Implementation of a financial assistance program for residents who own ash trees ; upward revision of the financial assistance
2. Implement objectives set out in Kirkland's Emerald Ash Borer (EAB) Management Plan	Action plan milestones		2016 to 2020	Public Works	Objectives currently being implemented – Replacing felled trees, treating public ash trees, and other measures

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 5

Improve the protection of biodiversity, natural environments and green spaces

Initiative 5.3

Adopt a tree policy and tree cutting bylaw to protect the town's arboreal heritage



Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Promote the internal municipal policy aimed at systematically replacing felled trees on public property or in the street right-of-way on private property	Number of publications		2016 to 2020	Communications	Ongoing - Promotion done through the Enviro-K, the Info-Kirkland and the town's website
2. Assess, review and update existing tree cutting bylaw	Bylaw amendment		2017	Legal Affairs Public Works	The provisions of the zoning by-law relating to trees are currently being amended
3. Adopt a tree policy	Adoption of the policy		2017	Public Works Environment	Action not yet started – Postponed to 2018

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 5

Improve the protection of biodiversity, natural environments and green spaces

Initiative 5.4

Offer subsidies and programs related to trees



Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Continue the subsidized tree purchase program «A tree for 20\$»	Continuance of the program		2016 to 2020	Environment	Program maintained – over 50 trees sold in 2017
2. Continue the subsidized program «One birth, One tree»	Continuance of the program		2016 to 2020	Environment	A tree was planted for each of the 22 newborns registered in the program for 2017

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 6

Promote social
and cultural
development



Initiative 6.1

Adjust recreational and cultural services in line with the town's changing demographics

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Provide free zumba/dance and other activities in municipal parks	Number of activities		2017	Recreation	Free activities are provided during Town events and through certain recreation programs (ex. Pickleball). Residents are encouraged to try exercise classes free of charge before joining
2. Conduct a demographic study to better understand the population makeup and their needs	Completion of the study		2018	Recreation	Action not yet started
3. Review the current recreational and cultural programs and establish the viability / participation rate for each individual program	Review of the programming offer		2018	Recreation	Review is done each season. However a more rigorous methodology will be implemented in 2018
4. Hold citizen consultation activities (focus groups, meetings, etc.) in municipal parks	Number of activities		2018	Recreation	Action not yet started
5. Survey residents on recreational and cultural services	Conduct of the survey		2018	Recreation	Action not yet started
6. Develop and implement a recreation policy	Creation and implementation of the policy		2018	Recreation	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 6

Promote social
and cultural
development

Initiative 6.2



Install outdoor fitness equipment in strategic locations to provide the adult population with more opportunities to exercise

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Develop an action plan establishing the best location for the equipment and timeline for its installation	Completion of the action plan		2016	Recreation	Action completed
2. Promote new facilities in all available publications and hold an official launch event	Number of publications and holding of event		2017	Communications Recreation	Action not yet started – postponed to 2018
3. Use different strategies to promote the new stations (physical demonstrations, walk-o-thons, etc.) and involve social groups such as <i>Cardio plein air</i>	Implementation of the activities		2020	Recreation Communications	Action not yet started

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 6

Promote social
and cultural
development

Initiative 6.3



Develop strategies to increase the town's bank of volunteers

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Create a new section devoted to volunteering opportunities on the town's website	Creation of the section		2016	Communications	Action completed (volunteer program at the Library)
2. Promote the benefits of volunteering both for the town and the volunteers in all available publications	Number of articles published		2016	Communications Recreation	Information publicized via the town's website, the Recreation Booklet and Info-Kirkland
3. Extend volunteering program to schools	Number of programs created		2016	Recreation Communications	Ongoing - Volunteering opportunities advertised in local high schools
4. Create a poster for display in municipal buildings promoting available volunteering opportunities	Number of posters displayed		2016	Communications Recreation	Ongoing - Volunteering opportunities publicized through various municipal publications
5. Develop a volunteer resource management guide	Adoption of the guide		2017	Recreation Communications	In progress
6. Run a volunteer enrolment campaign with citizens and municipal employees	Start of the enrolment campaign and number of new volunteers recruited		2017	Recreation Communications	Ongoing - Volunteering opportunities publicized through the Activities Brochure and at various events
7. Hold a yearly volunteer appreciation event	Holding of event		2017	Recreation Communications	Ongoing – event in 2017
8. Assess the municipal / community need for volunteers and develop a recruitment campaign	Needs assessment and recruitment campaign developed		2017	Recreation Communications	Action not yet started – postponed to 2018

- Completed (ongoing)
- Completed
- Ongoing
- Not started

STRATEGY 6

Promote social
and cultural
development

Initiative 6.4



Encourage and support neighbourhood social gatherings and events

Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Show town support for social gatherings and block parties by promoting their benefits and offering free publicity in municipal publications	Number of events held each year		2017	Communications Recreation	Ongoing - Material support provided to organize two separate block parties (supply of equipment)

Initiative 6.5

Revamp the Hydro-Québec servitude to make it more practical and appealing for users and extend its use to four seasons



Actions	Tracking indicator	Status	Projected Timeline	Led by	Accomplished in 2017
1. Conduct a needs assessment study for revamping the servitude	Completion of the study		2016	Recreation Urban Planning Environment	Action completed
2. Paint kilometer markers on the surface of the recreational pathway	Painting of the pathway surface		2017	Recreation Public Works	Action not yet started – postponed to 2018
3. Install interpretation panels at points of access to the recreational pathway	Number of panels installed		2017	Recreation Public Works	Action not yet started – postponed to 2018
4. Create a naturally frozen skating rink in the servitude with benches for skaters	Creation of the skating rink		2020	Recreation Urban Planning Public Works Engineering	Action not yet started

- Ongoing
- Completed
- Ongoing
- Not started