



# KAWARTHA CONSERVATION

Discover • Protect • Restore



# Lake Management Implementation Action Plan

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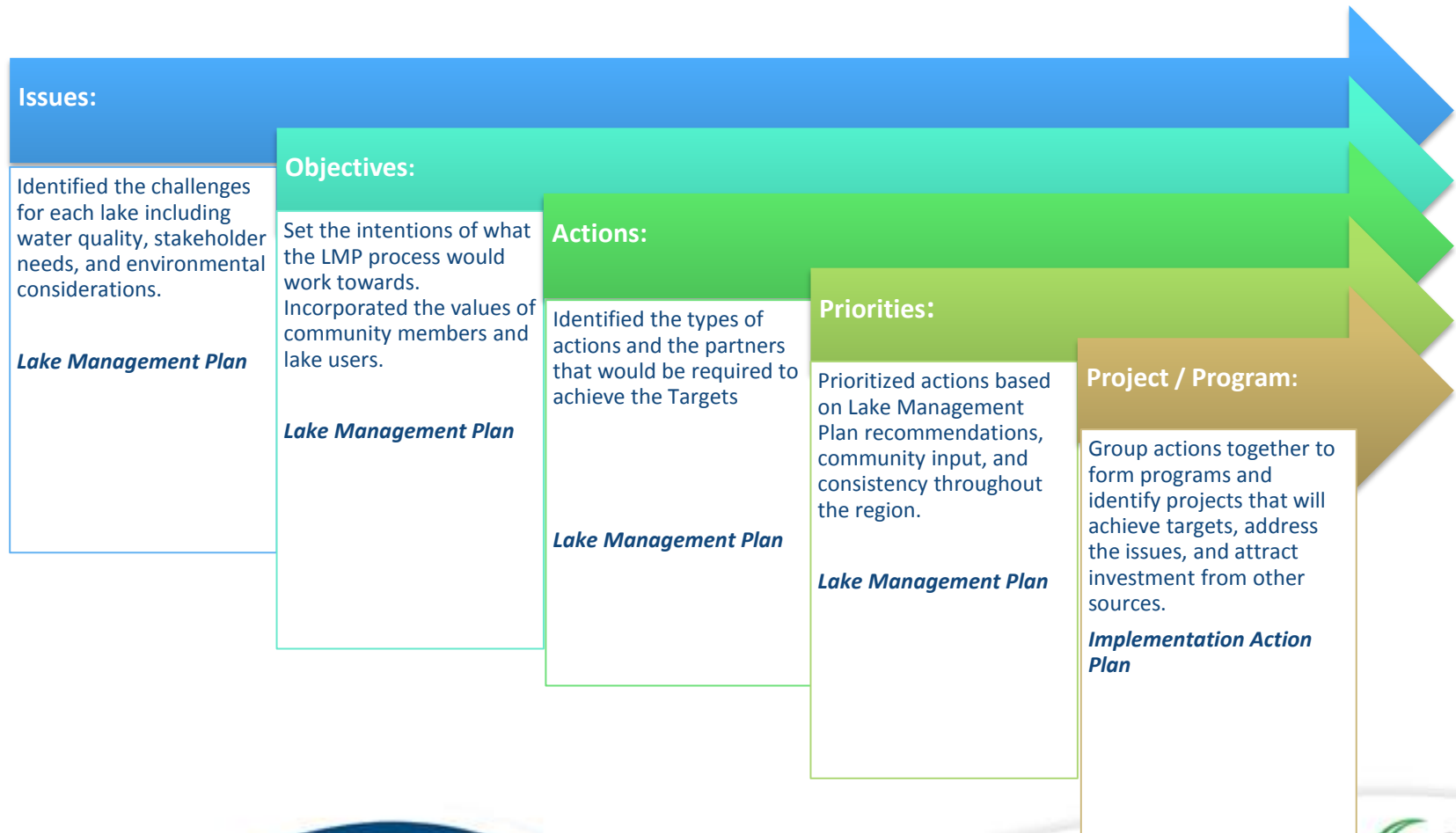


# Lake Management Implementation Action Plan

- Background
- Action Plan Development
- Proposed Action Plan
- Program Highlights



# Background



# What Implementation Means:

- Our beaches are open in the summer
- Healthier fisheries
- Beautifying our communities
- Building a proud community
- Increased recreational base



# What Implementation Means:

- Supports our locally grown food
- Improved drinking water quality.
- Building and supporting the community we want to live and play in.





# Action Plan Development

The Action Plan began with direction from Council and the Community Advisory Committee

- City of Kawartha Lakes Resolution – December 13, 2017
  - Create a multi-year strategy identifying programs, leads, success measures, and costs using an advisory Task Force
- Task Force Formed - January 2018



# Action Plan Development

- Task Force includes representation from City Councillors and staff, members of the Community Advisory Panel (5 cottage associations), representatives from business sectors of the community and one of our Board members.
- 6 Meetings of the Task Force
- Community Advisory Panel
- Our Board of Directors

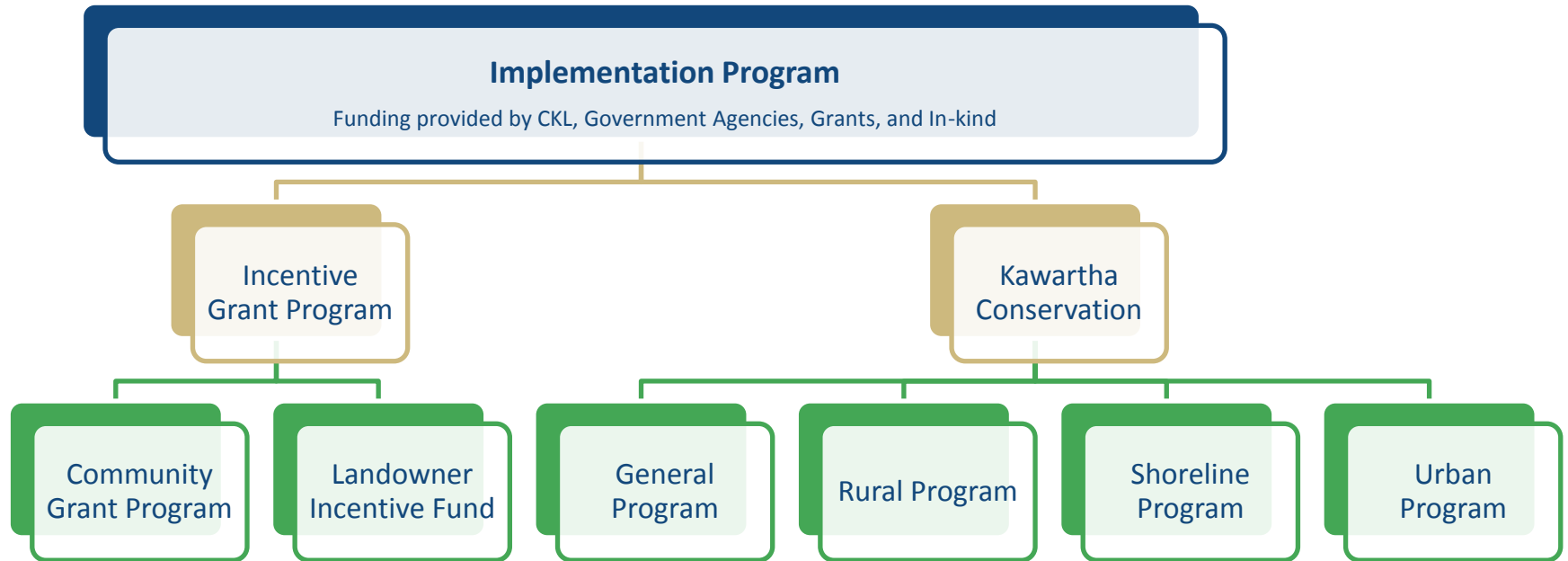




# Prioritization Matrix

		Urban/Rural					Rural							
		Balsam/Cameron	Canal/Mitchell	Scugog	Pigeon	Sturgeon	Four Mile	Head/Rush	Shadow/Silver	# of Highs(3)	# of Mediums(2)	# of Lows(1)	# of Any	Weighted Value
Recommendation	Strategy													
Responsible Development and Construction	Urban and Rural Infrastructure	H	H	H	H	M	H	H	H	7	1	0	8	23
Shoreline Naturalization	Stewardship	H	H	H	H	H	M	H	H	7	1	0	8	23
Urban Stormwater BMP Projects	Stewardship	H	H	H	H	H	M	H	H	7	1	0	8	23
Invasive Species Management	Stewardship	H	H		H	H	H	H	H	7	0	0	7	21
Coordinated Monitoring of Lake Health	Research and Monitoring	M	H	H	H	M	M	H	H	5	3	0	8	21
Septic System Management	Stewardship	M		H	M	H	H	H	H	5	2	0	7	19
Keeping stakeholders informed	Communications and Outreach	H			H	H	H	H	H	6	0	0	6	18
Implementing other community plans	Strategic Planning	H	H		M	H	M	M	H	4	3	0	7	18
Management of Public Waterfronts	Urban and Rural Infrastructure	M	H		M	H	M	H	H	4	3	0	7	18
Public/Technical Advisory Committees	Communications and Outreach	H	H	H	H	H	M			5	1	0	6	17
Stormwater Management Planning	Urban and Rural Infrastructure	H	H	H	H	H				5	0	0	5	15
Aquatic Plant Management Options	Communications and Outreach	H	H		H	H	H			5	0	0	5	15
Agricultural BMP Projects	Stewardship	M	H	H	M	H		L	L	3	2	2	7	15

# Proposed Action Plan



# Community Grant Program



- Provides support to local groups
- Enables projects that meet local needs
- Builds community engagement





# Landowner Incentive Fund



Shoreline Stewardship



Agricultural Stewardship



Urban Stewardship Opportunity



# Proposed Action Plan

## Kawartha Conservation

- General Programs
- Rural Community
- Shoreline Community
- Urban Community





# Shoreline Program





# Urban Program



Victoria Park Rain Garden – Bluescaping  
Demonstration Site



Rainwater Harvesting





# Rural Program



Tree Seedling  
Distribution



Community  
Planting



Agricultural BMP's

# Proposed Action Plan

## Level 1

- ✓ Presentations at (4) agricultural commodity group meetings
- ✓ On-Farm consultation to facilitate the implementation of best management practices
- ✓ Participation in the East Central Farm Stewardship Collaborative

**Municipal funding:** \$13,400  
**Grant funding:** \$0  
**In-Kind:** \$700  
**Total Value:** \$14,100  
**ROI:** 5%

## Level 2

- ✓ **Presentations at (7)** agricultural commodity group meetings
- ✓ On-Farm consultation to facilitate the implementation of best management practices
- ✓ Participation in the East Central Farm Stewardship Collaborative
- ✓ **Deliver an Agricultural Stewardship Conference**
- ✓ **Highlight new technologies available to landowners**

**Municipal funding:** \$27,900  
**Grant funding:** \$5,500  
**In-Kind:** \$1,300  
**Total Value:** \$34,700  
**ROI:** 24%

## Level 3

- ✓ Presentations at (7) agricultural commodity group meetings
- ✓ On-Farm consultation to facilitate the implementation of best management practices
- ✓ Participation in the East Central Farm Stewardship Collaborative
- ✓ Deliver an Agricultural Stewardship Conference
- ✓ Highlight new technologies available to landowners
- ✓ **Implementation of a Soil Health and Water Quality Innovation Pilot Project**

**Municipal funding:** \$55,800  
**Grant funding:** \$80,000  
**In-Kind:** \$2,100  
**Total Value:** \$137,900  
**ROI:** 147%

# Proposed Action Plan

Level 1	Level 2	Level 3
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Program		2019	2020	2021	2022	2023
<b>Incentive Grant Program</b>						
	Community Grant Program	15,500	15,500	36,500	36,500	36,500
	Landowner Incentive Fund	30,000	30,000	30,000	30,000	30,000
<b>Kawartha Conservation Program</b>						
<b>General Program</b>						
	Implementation Oversight & Coordination	65,700	65,700	65,700	88,700	88,700
	Sedimentation & Erosion Control Planning	33,300	21,400	33,300	21,400	33,300
<b>Rural Program</b>						
	Agricultural Stewardship	27,900	27,900	55,800	27,900	27,900
	Rural Residential Stewardship			38,400	38,400	38,400
	Investigative Upstream Monitoring	34,700	34,700	34,700	44,400	34,700
<b>Shoreline Program</b>						
	Aquatic Plant Control	18,900	18,900	18,900	19,300	
	Shoreline Stewardship	46,000	46,000	46,000	46,000	46,000
	Shoreline Planning & Policy Background	23,300	36,400			
	Near Shore Monitoring	28,600	28,600	28,600	10,300	
<b>Urban Program</b>						
	Bluescaping	33,100	43,700	43,700	43,700	43,700
<b>Total Municipal Investment</b>		<b>357,000</b>	<b>368,800</b>	<b>431,600</b>	<b>406,600</b>	<b>379,200</b>
<b>Grant Funding Leveraged</b>		<b>135,600</b>	<b>140,600</b>	<b>248,100</b>	<b>155,300</b>	<b>140,000</b>
<b>In-kind Support Leveraged</b>		<b>135,100</b>	<b>131,000</b>	<b>151,700</b>	<b>146,800</b>	<b>135,300</b>
<b>Total Project Value</b>		<b>627,700</b>	<b>640,400</b>	<b>831,400</b>	<b>708,700</b>	<b>654,500</b>



# Conclusion

- A Plan that empowers our community
- A Plan that attracts investment in our community
- A Plan that focuses on effective in-the-ground projects
- A Plan that supports short and long term deliverables



# Questions

