



Hayley Goodchild

Coordinator, SUN program



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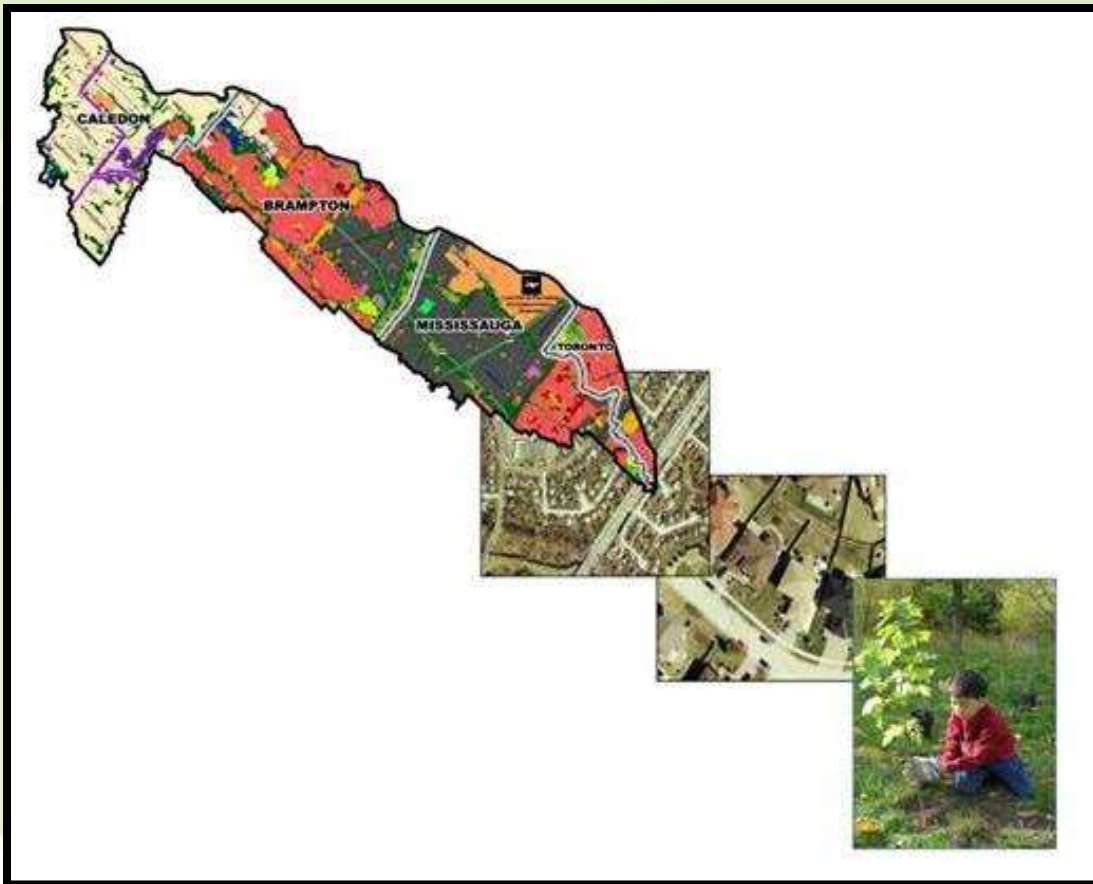


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What is SUN?

- Three-year initiative (2017–2019)
- Funded through Ontario Trillium Foundation's **Grow Stream**
- Based on Toronto and Region Conservation Authority's Sustainable Neighbourhood Action Program (SNAP)

Sustainable Neighbourhood Action Program (SNAP)



A neighbourhood-based solution for sustainable urban renewal and climate action

- ✓ Brings efficiencies
- ✓ Draws strong community support
- ✓ Builds innovative partnerships for implementation

Key Partners



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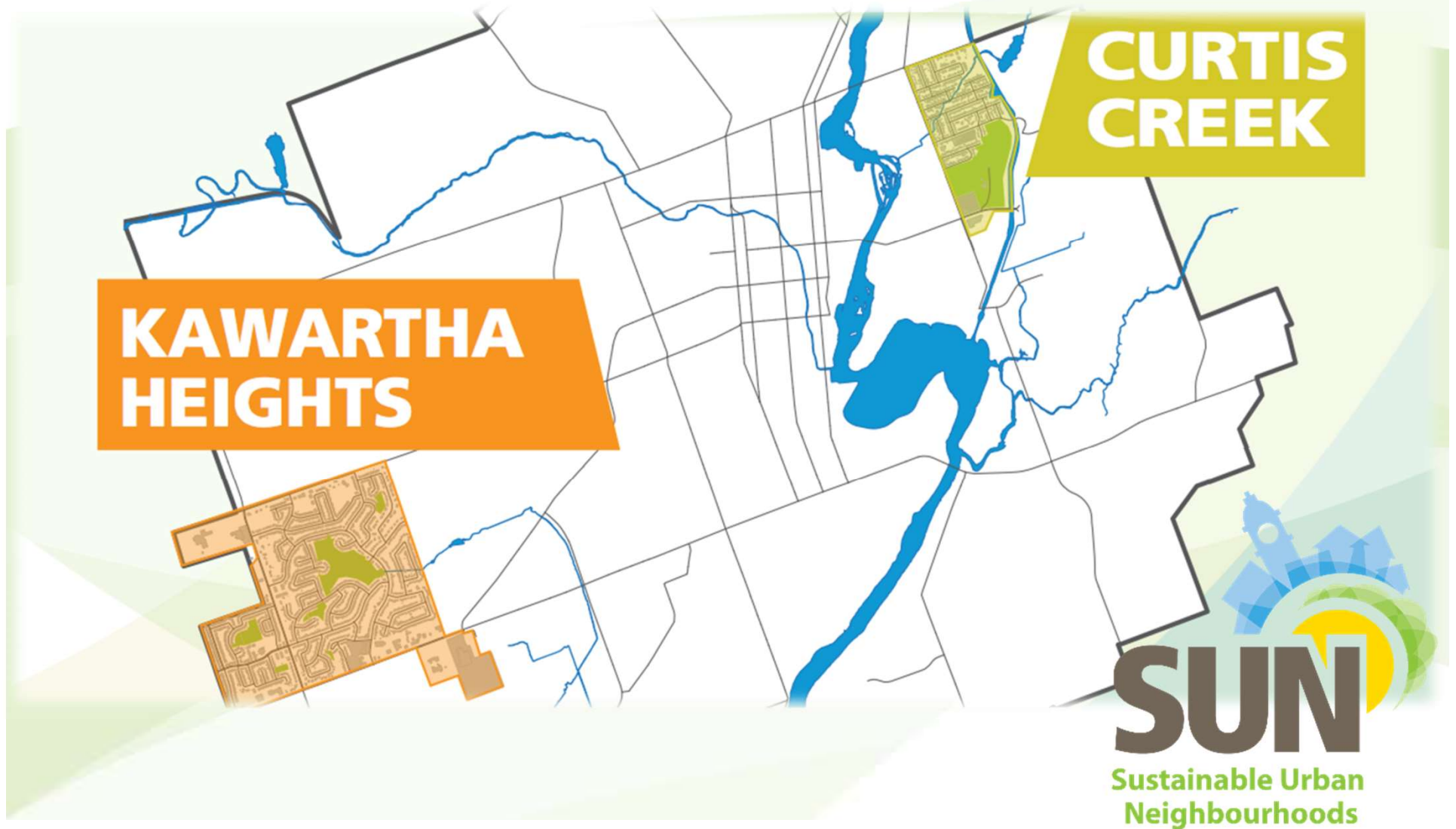


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SUN Peterborough Neighbourhoods



SUN Program Goals

- **Planning**
 - Develop Action Plans that guide neighbourhood-level climate change adaptation
- **Planting**
 - 500m² gardens/trees per neighbourhood



Pollinator garden installation, June 2018

Timeline

- **2017:** Neighbourhood selection
- **2018:** Planting, engagement, research into baseline conditions
- **2019:** Action Plans, more planting, and develop post-OTF implementation strategy

Engagement Process

- Resident and partner driven
- Combination of methods to identify priorities and opportunities



Top: Action Plan Gathering, January 2019
Bottom: Display at SUN Planting Event

East City–Curtis Creek

- Creek features prominently
- Local flooding issues
- 40% canopy cover
- ~36% impermeable surface area
- ~25% of properties w/ pollinator habitat



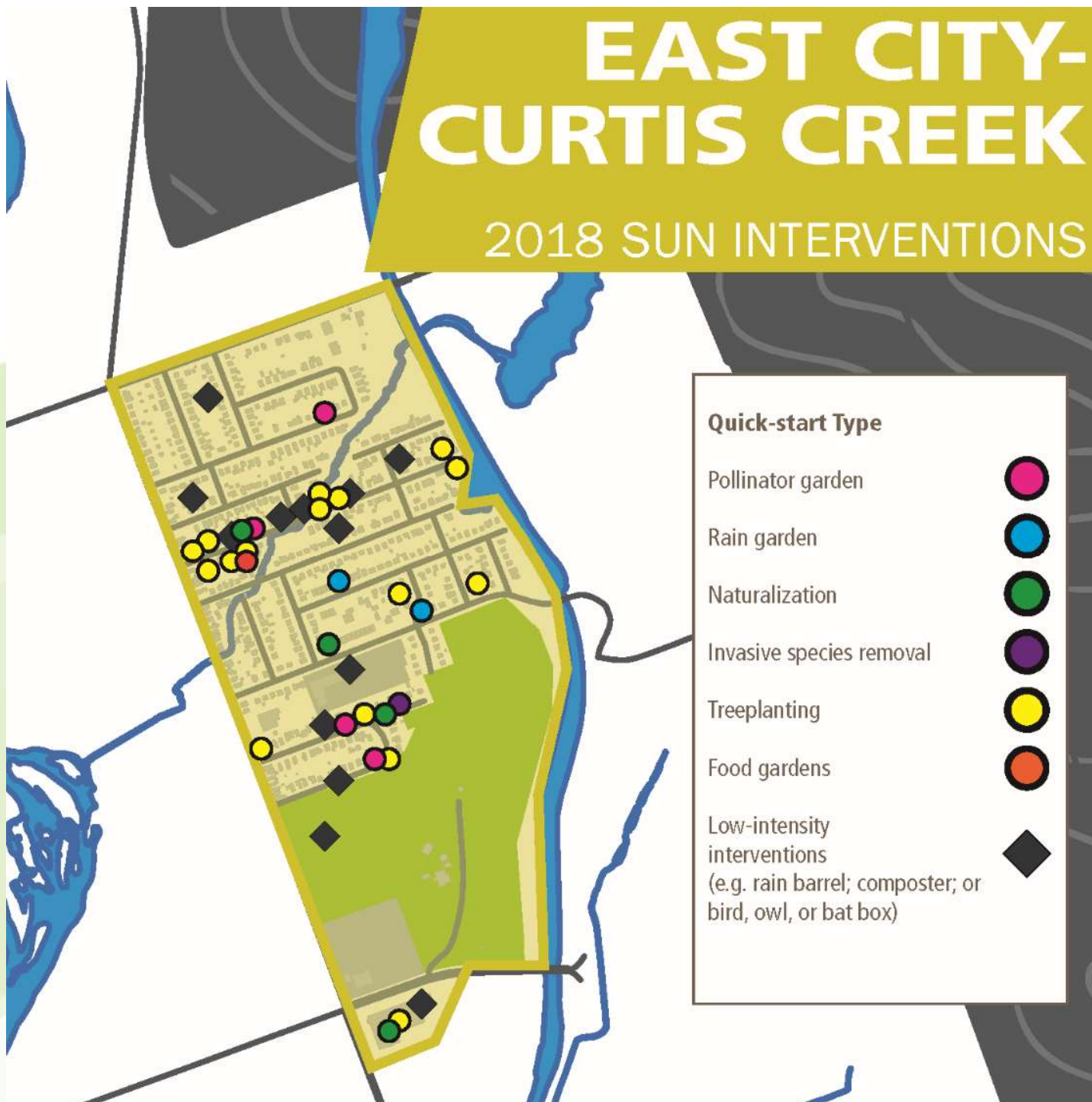
Curtis Creek, winter 2018

East City–Curtis Creek cont'd

- More than **550 engagement interactions**
- **Key themes include:** habitat and urban forests; water management; community resiliency, local food security, and energy
- **360m²** planted in 2018, incl. trees, pollinator gardens, naturalization, rain gardens...

EAST CITY- CURTIS CREEK

2018 SUN INTERVENTIONS



Kawartha Heights

- Subdivision (1960s–1980s)
- Issues w/ drought
- 25% canopy cover
- ~43% impermeable surface area
- Large park in heart of neighbourhood



Playground in Kawartha Heights Park

Kawartha Heights cont'd

- Nearly **700 engagement interactions**
- **Key themes include:** habitat and urban forestry, water management, healthy & active transportation & recreation, community building, and energy.
- **380m²** planted, incl. Water Wise garden, trees, pollinator gardens, school nature education areas.

KAWARTHA HEIGHTS

2018 SUN INTERVENTIONS

Quick-start Type

Pollinator garden



Rain garden



Naturalization



Invasive species removal



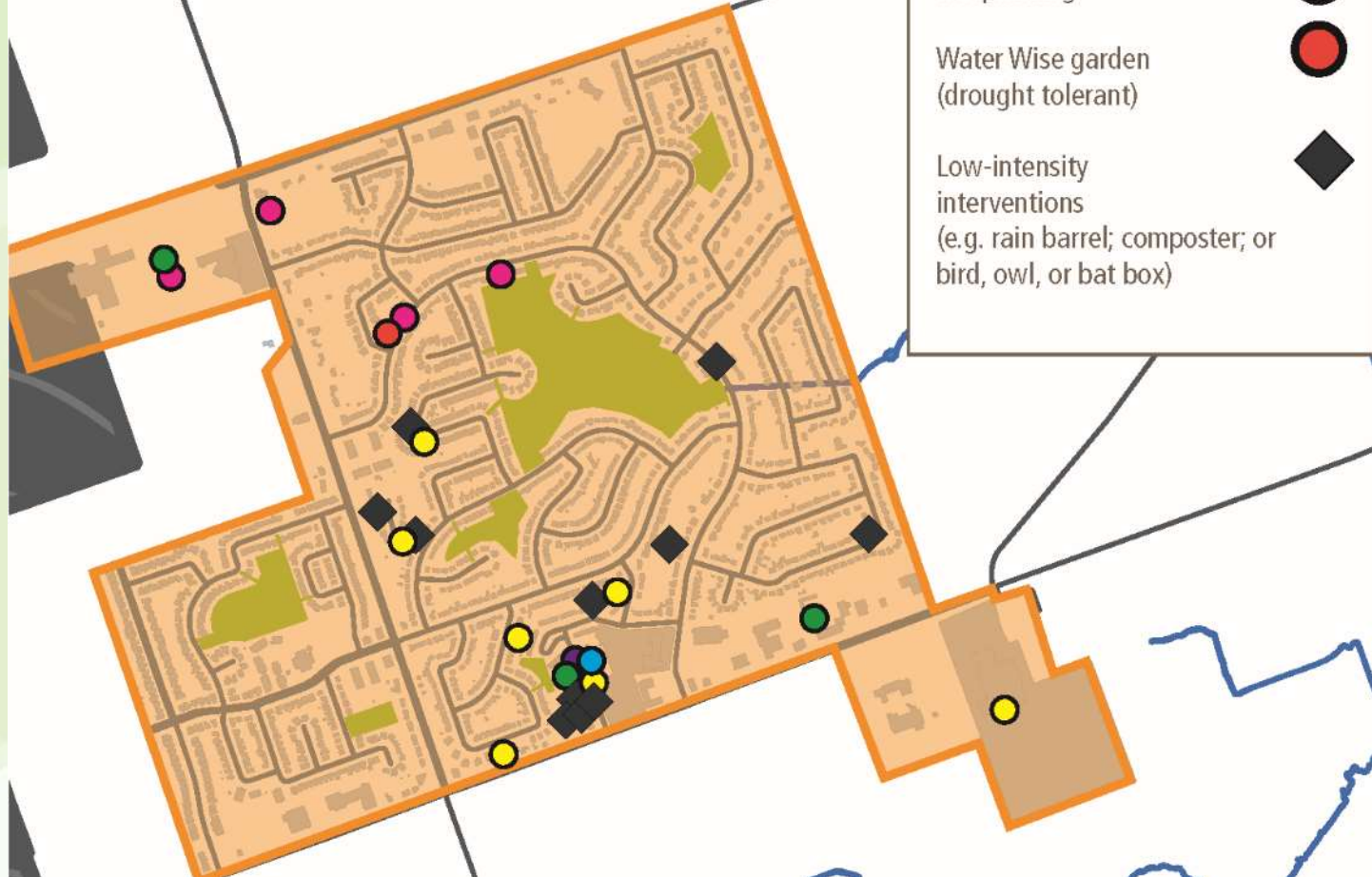
Treeplanting



Water Wise garden
(drought tolerant)



Low-intensity
interventions
(e.g. rain barrel; composter; or
bird, owl, or bat box)



Key Learnings

- Context matters!
- Neighbourhoods have different needs, opportunities, and priorities.
- E.g. rain gardens in Curtis Creek vs. drought tolerance in Kawartha Heights

Rain garden in Curtis Creek



'Water Wise' garden installation in KH



West-end lawn in Peterborough replaced with new Water Wise garden

COMMUNITY Sep 07, 2018 by [Lance Anderson](#) ✓ Peterborough This Week



Quinlan Mormul helps Taylor Wilkes, water landscape co-ordinator with Green-Up, plant a Water Wise garden at her home on Kawartha Heights Boulevard. - Lance Anderson/Metroland



Key Learnings cont'd

- Collaboration is key!
- Build on the strengths and capacity of residents and partners
 - E.g. SUN & Peterborough Pollinators: neighbourhood-wide pollinator garden inventory

Early Summer Bloom





Durham Region Natural Environment Climate Change Summit

Brought to you by: the Natural Environment
Climate Change Collaborative, with support from
the Region of Durham and Enbridge

thank you

thank you