



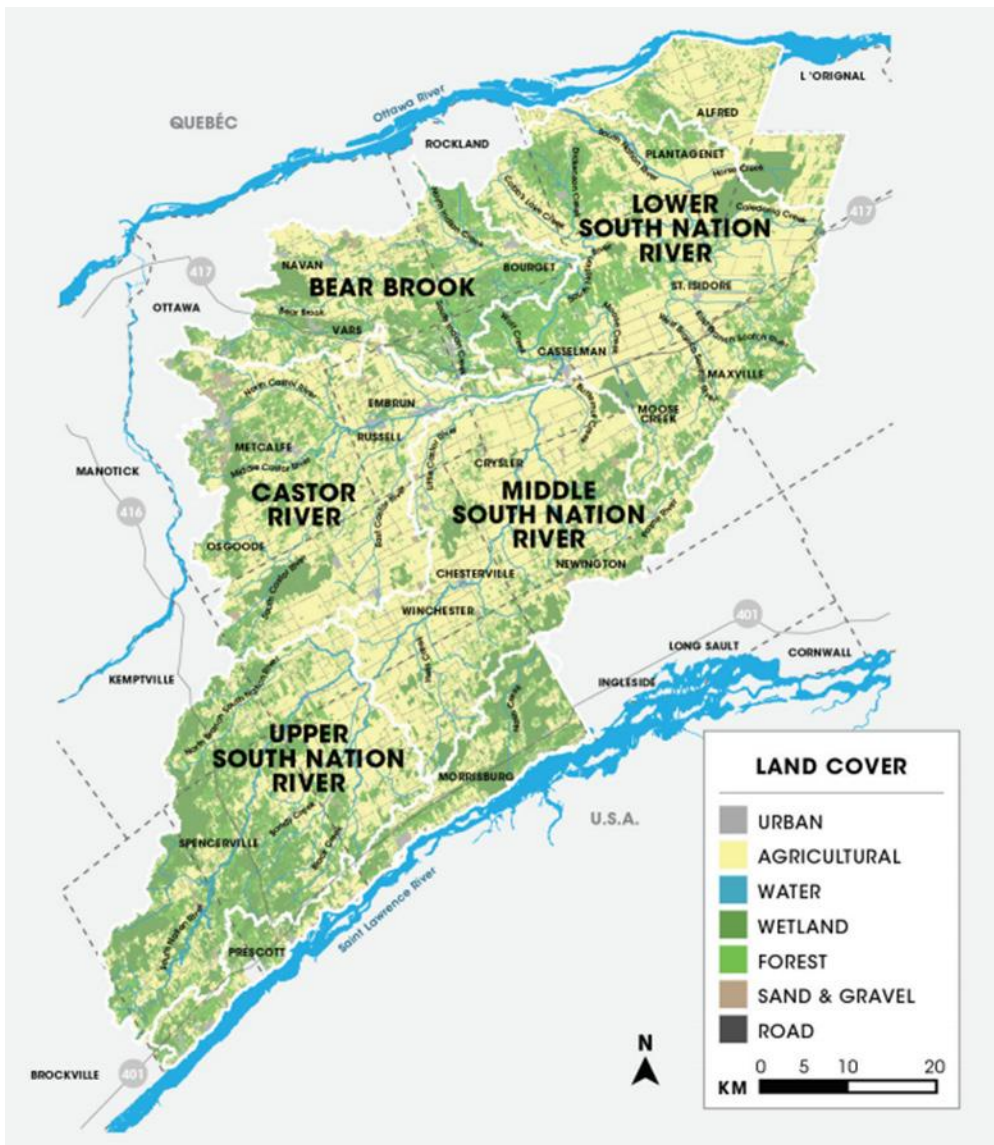
SOUTH NATION
CONSERVATION
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Fruit and Nut Trees: New Crops and an Approach to On- Farm Riparian Buffers





Watershed Landscape

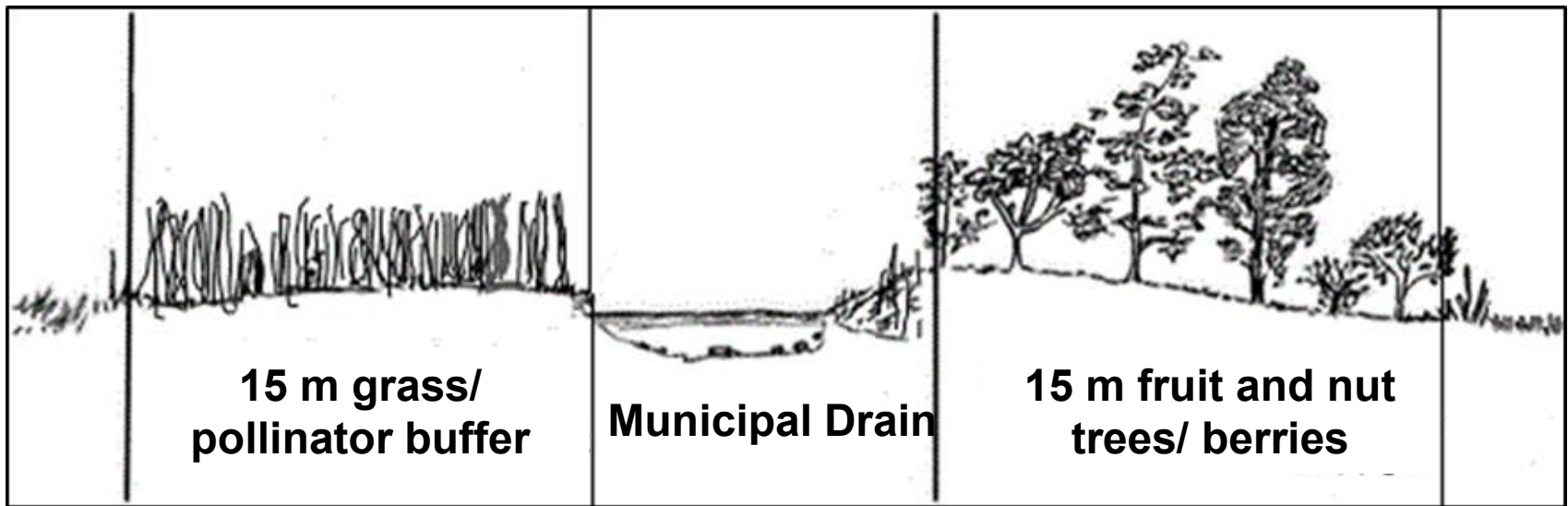


- 60% agricultural
 - Predominately row crops
- 1,200+ municipal drains
- 28% forest cover
- 22% riparian cover



Taking a Different Approach

- **New crop option for riparian buffers**
 - Native grasses and pollinators
 - Fruit and nut trees
 - Berries



Edible buffer conceptual design



EcoAction Buffer Demonstration Project

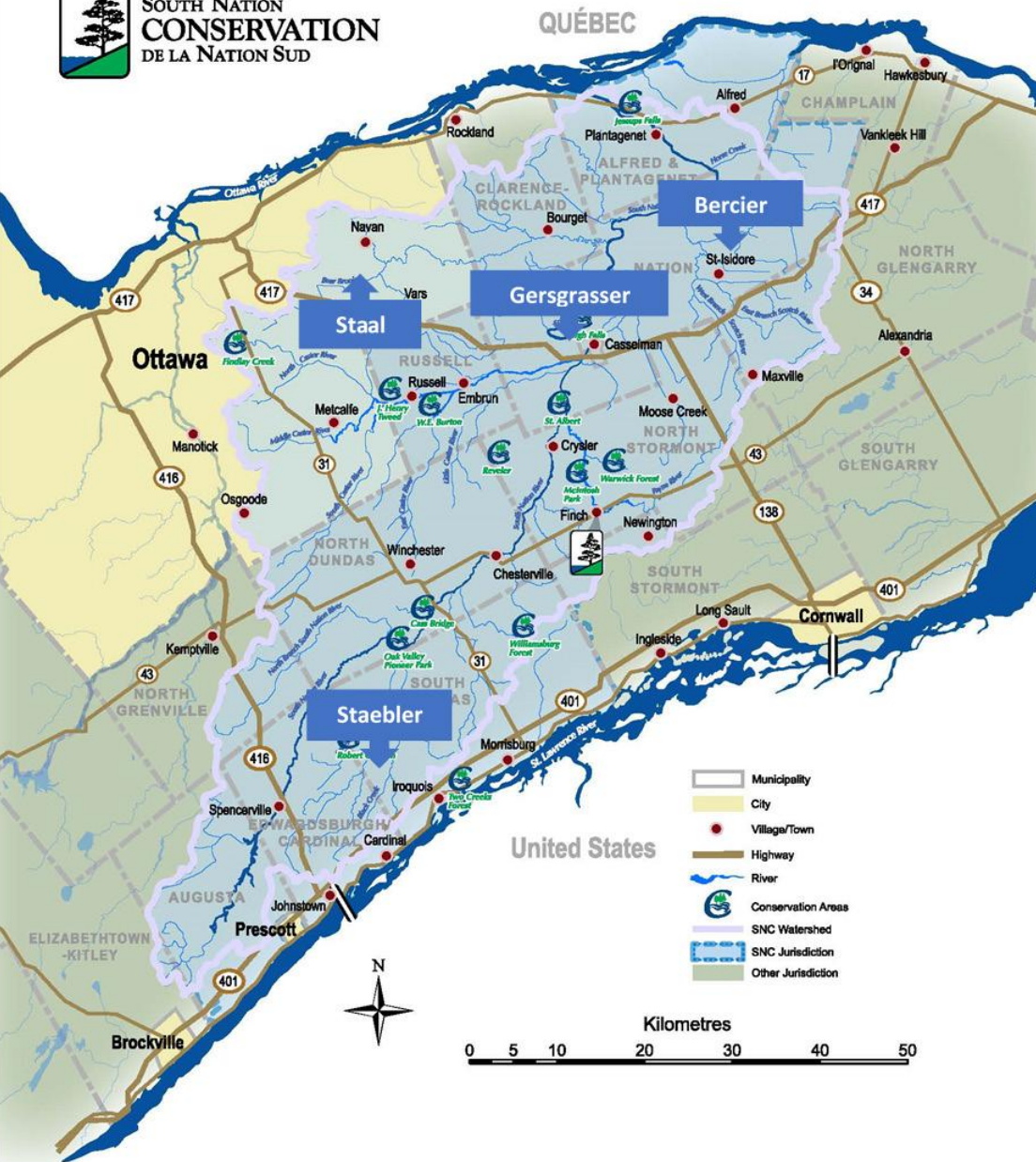
Project Objectives:

- Establish demonstration sites
- Educate and engage our youth
- Share First Nation Traditional Knowledge
- Foster new partnerships





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Site Locations

- Basil Staal,
Navan
- Sam
Gersgrasser,
Casselman
- Marc Bercier,
St. Isidore
- Michael
Staebler,
Hanesville



Demonstration Sites



Marc Bercier Site
St. Isidore, ON

Each of the 4 sites:

- 500 m buffers
 - 500 trees/shrubs
 - mix of native grasses



Educating our Youth



- High Schools
 - Specialist High Skills Major certification training
 - Riparian buffers and water quality
 - fish and benthic sampling and identification



- Scouts Canada
 - Tree planting

Basil Staal Site
Navan, ON



Sharing Traditional Knowledge



Michael Stabler Site
Hanesville, ON



Communicating our Success



OPG video production
Marc Bercier Site
St. Isidore, ON

- Tours
- Workshop
- Signage
- Factsheet
- Video



Our Partners

- Environment and Climate Change Canada – EcoAction
- Farmers: Marc Bercier, Sam Gersgrasser, Michael Staebler, and Basil Staal
- Plenty Canada
- Mohawks of Akwesasne Department of Environment
- Boisés Est
- Upper Canada District School Board
- Ottawa-Carleton District
- North Glengarry District High School
- Holy Trinity Catholic Secondary School
- North Dundas District High School
- Notre Dame High School
- Tawgi Secondary School
- Scouts Canada (Clarence-Rockland Scouts)
- Ontario Power Generation – Regional Biodiversity Program



SNC's Awesome Team!



Our Local Environment, We're in it Together.



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