



European Union Green Initiatives

“A model for the Mayor’s Task Force on Green Tech, Municipality of North Grenville, towards an economic development future that is ecologically sustainable, responds to the needs of the community, and is founded on sound governance principles.”
– a proposal for discussion



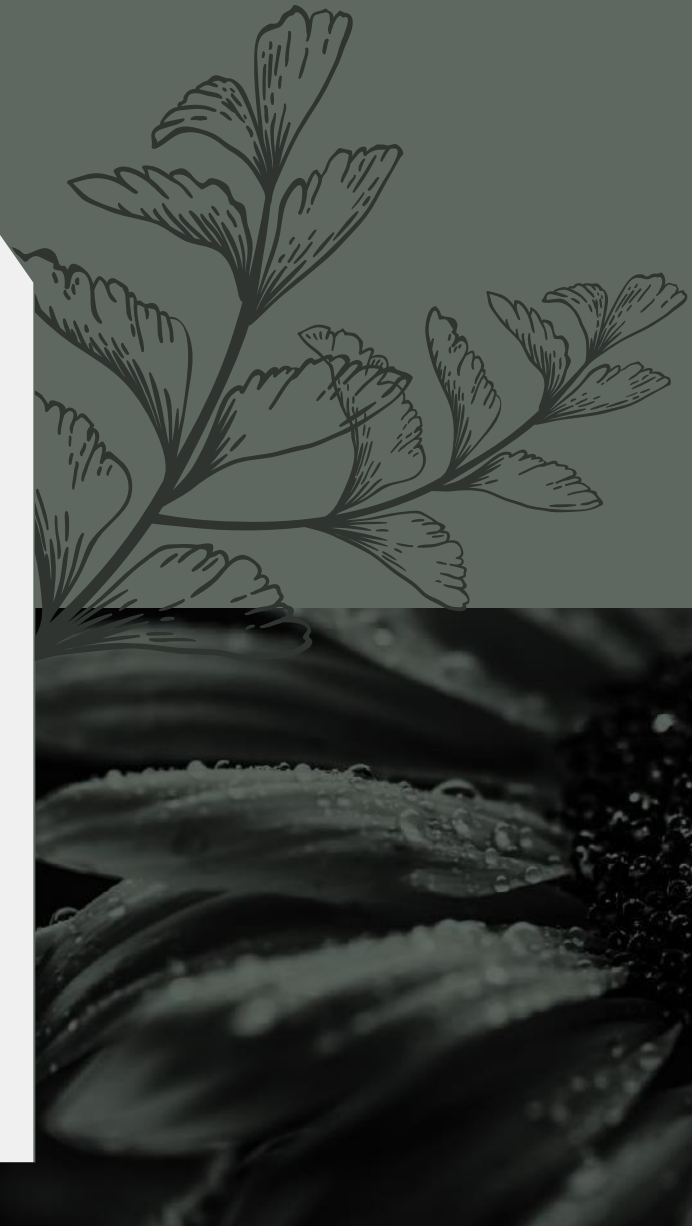
EU Initiatives

The European Union has implemented numerous green initiatives as part of its commitment to environmental sustainability and combating climate change.



European Green Deal Climate-Neutral Europe by 2050

- **Fit for 55 Package:** A set of proposals to revise climate, energy, and transport legislation to align EU laws with climate goals, aiming to reduce net greenhouse gas emissions by at least **55%** by 2030 compared to 1990 levels.
- **European Climate Law:** This regulation turns the political ambition of reaching climate neutrality by 2050 into a legal obligation for the EU.
- **Biodiversity Strategy for 2030:** Aims to protect and restore nature in the EU, including planting **3 billion** new trees by 2030.
- **Just Transition Fund:** Provides support to regions dependent on fossil fuels to alleviate the social and economic costs of the green transition.



European Green Deal

Circular Economy Action Plan - Sustainable Resource/Products

Farm to Fork Strategy:

This strategy aims to make food systems more sustainable, ensuring food security while reducing the environmental impact of food production.

Energy Initiatives:

Repower EU Plan: Aims to rapidly reduce dependence on Russian fossil fuels and fast forward the green transition.

EU Hydrogen Strategy: Promotes the development and use of clean hydrogen to decarbonize various sectors.

Transport Initiatives:

The EU has proposed targets for zero emissions for new city buses by 2030 and a **90%** emissions reduction for new trucks by 2040.

Sustainable Finance:

The EU has introduced initiatives on sustainable finance, including taxonomy on green investments and rules on green bonds.

Nature Restoration Law:

This law sets binding restoration targets at the EU level, requiring member states to implement measures to recover at least **20%** of the EU's land and sea areas by 2030.

European Biodiversity Strategy (1)

2030

Protected Areas Expansion

The strategy aims to:

- Legally protect at least **30%** of the EU's land area and **30%** of its sea area by 2030.
- Strictly protect at least one-third of these protected areas, representing **10%** of EU land and **10%** of EU sea.
- Create ecological corridors as part of a Trans-European Nature Network to prevent genetic isolation and allow species migration.



European Biodiversity Strategy (2) 2030

Nature Restoration

The strategy includes:

- An EU Nature Restoration Law with binding restoration targets.
- Commitments to restore degraded ecosystems, particularly those with high carbon storage and natural disaster prevention potential.
- Reducing the use and harmfulness of pesticides.



European Biodiversity Strategy (3) 2030

Transformative Change

The strategy focuses on:

- Strengthening the EU biodiversity governance framework.
- Improving knowledge, financing, and investments in biodiversity.
- Better integrating biodiversity considerations into public and business decision-making.



European Biodiversity Strategy (4) 2030

Global Leadership

The EU aims to:

- Lead by example in addressing the global biodiversity crisis.
- Support the adoption of an ambitious global biodiversity framework under the Convention on Biological Diversity.
- Deploy EU external actions to raise global ambition for biodiversity protection.



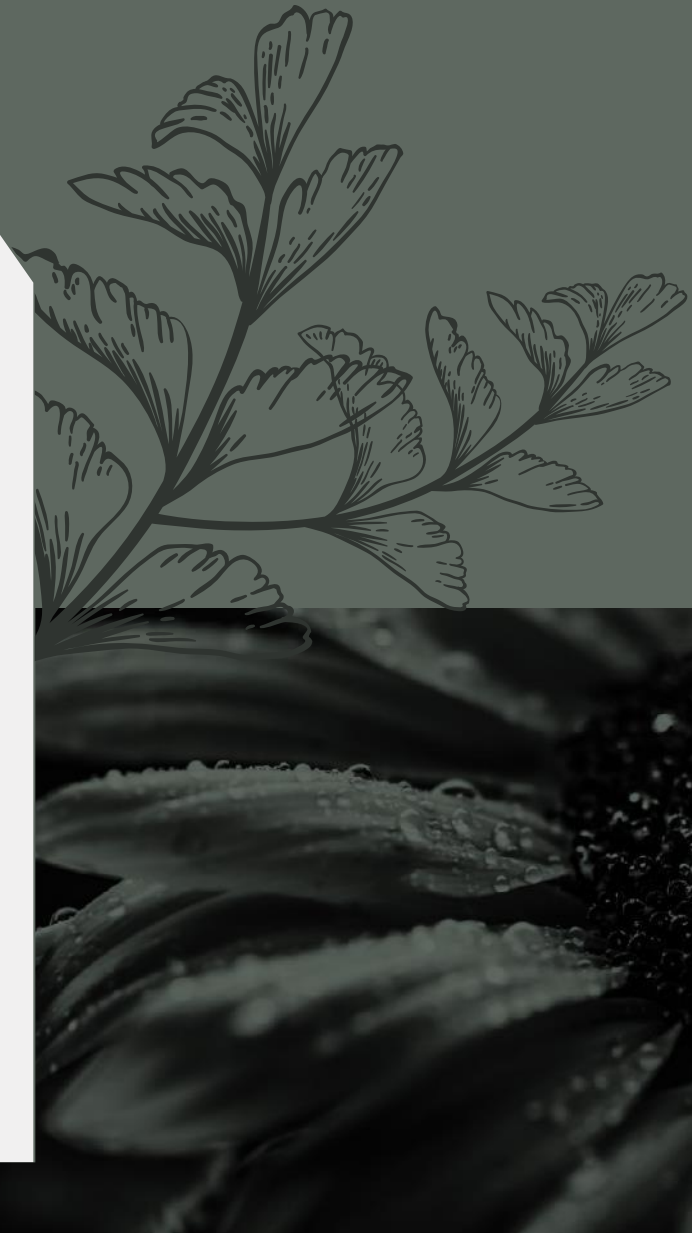
European Biodiversity Strategy (5) 2030

Implementation and Monitoring

The strategy includes:

- An online actions tracker to provide up-to-date information on implementation progress.
- A targets dashboard to show progress on quantified biodiversity targets at EU and Member State levels.
- A requirement for Member States to demonstrate significant progress in designating new protected areas by the end of 2023.

These initiatives collectively aim to put Europe's biodiversity on a path to recovery by 2030, supporting climate change mitigation, economic recovery, and long-term ecological resilience.



Reference Links - EU

https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/european-green-deal_en

<https://www.urban-initiative.eu/innovative-actions-greening-cities>

<https://www.consilium.europa.eu/en/policies/green-deal/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8742565/>

https://european-union.europa.eu/priorities-and-actions/actions-topic/environment_en

<https://www.sciencedirect.com/science/article/pii/S0962629823001038>

https://environment.ec.europa.eu/topics/circular-economy/green-claims_en

<https://www.nortonrosefulbright.com/en/knowledge/publications/c50c4cd9/the-eu-green-deal-explained>

Actions for North Grenville (Ecology) Preservation and Enhancement

Survey/Map

Ecology of NG: Forests, Green space, Agricultural land, Waterways, Built-up areas.

Analysis

Metrics and status NG ecology

Report Findings

January 2025 – Preliminary report



Actions for North Grenville (Green Tech EcoDev Potential)

Survey/Map

Technologies currently available in NG
Technologies to attract to NG

Analysis

Metrics and status NG Green Tech Profile
Metrics and projection - future

Report Findings

January 2025 – Preliminary report



Actions for North Grenville (Provincial/Federal)

Survey/Map

Provincial Funding
Federal Funding

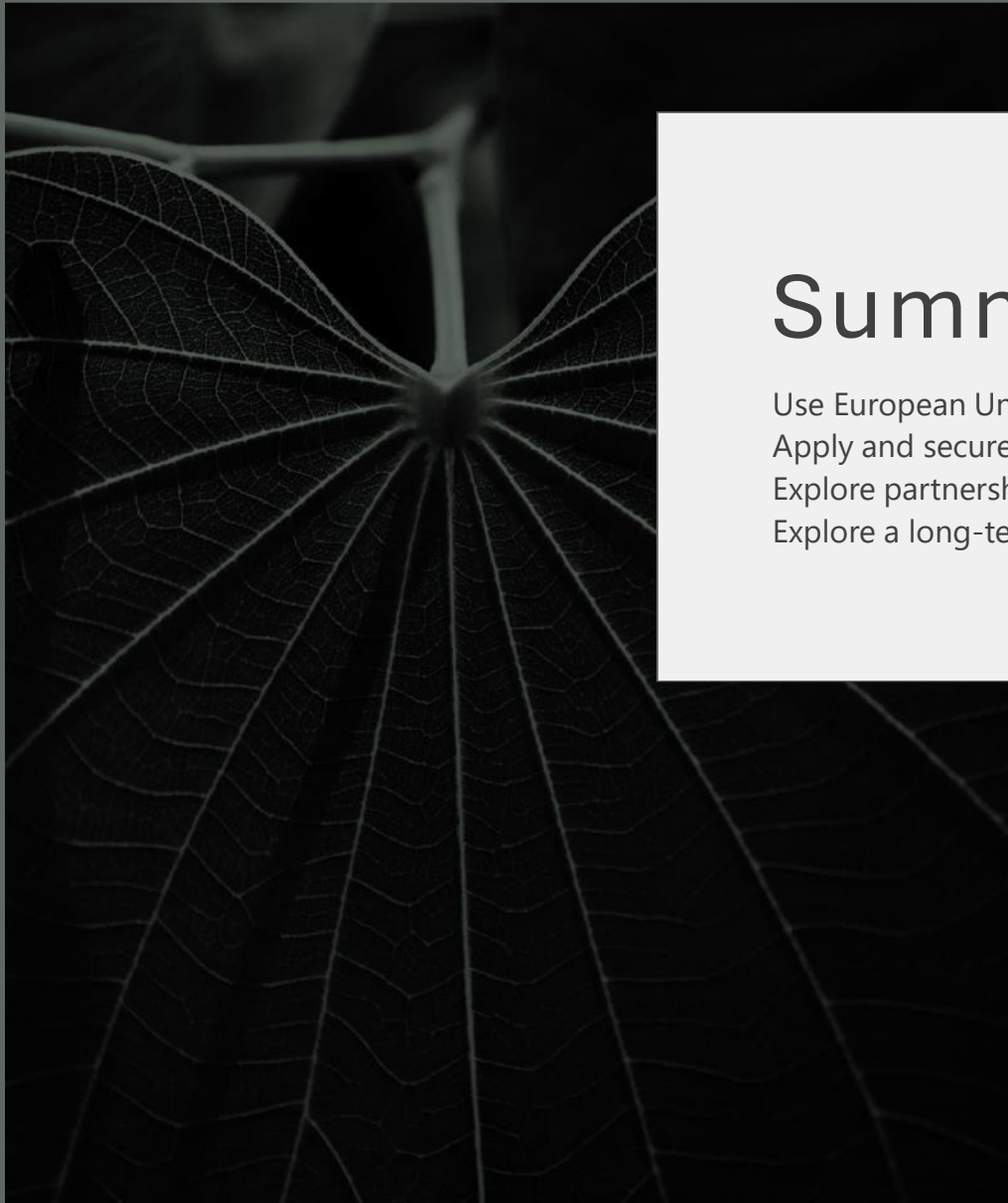
Analysis/Applications

Task Force Recommendations for
immediate action

Report Findings

January 2025 – Preliminary report





Summary

- Use European Union initiatives and programs as a baseline model
- Apply and secure Federal and Provincial Funding (as available)
- Explore partnerships with companies in Green Tech and Nature-Based Solutions
- Explore a long-term plan for North Grenville a Municipally-wide "reimagining"

