

Partners for Climate Protection Program

Reporting and Claiming Emissions
from the Waste Sector



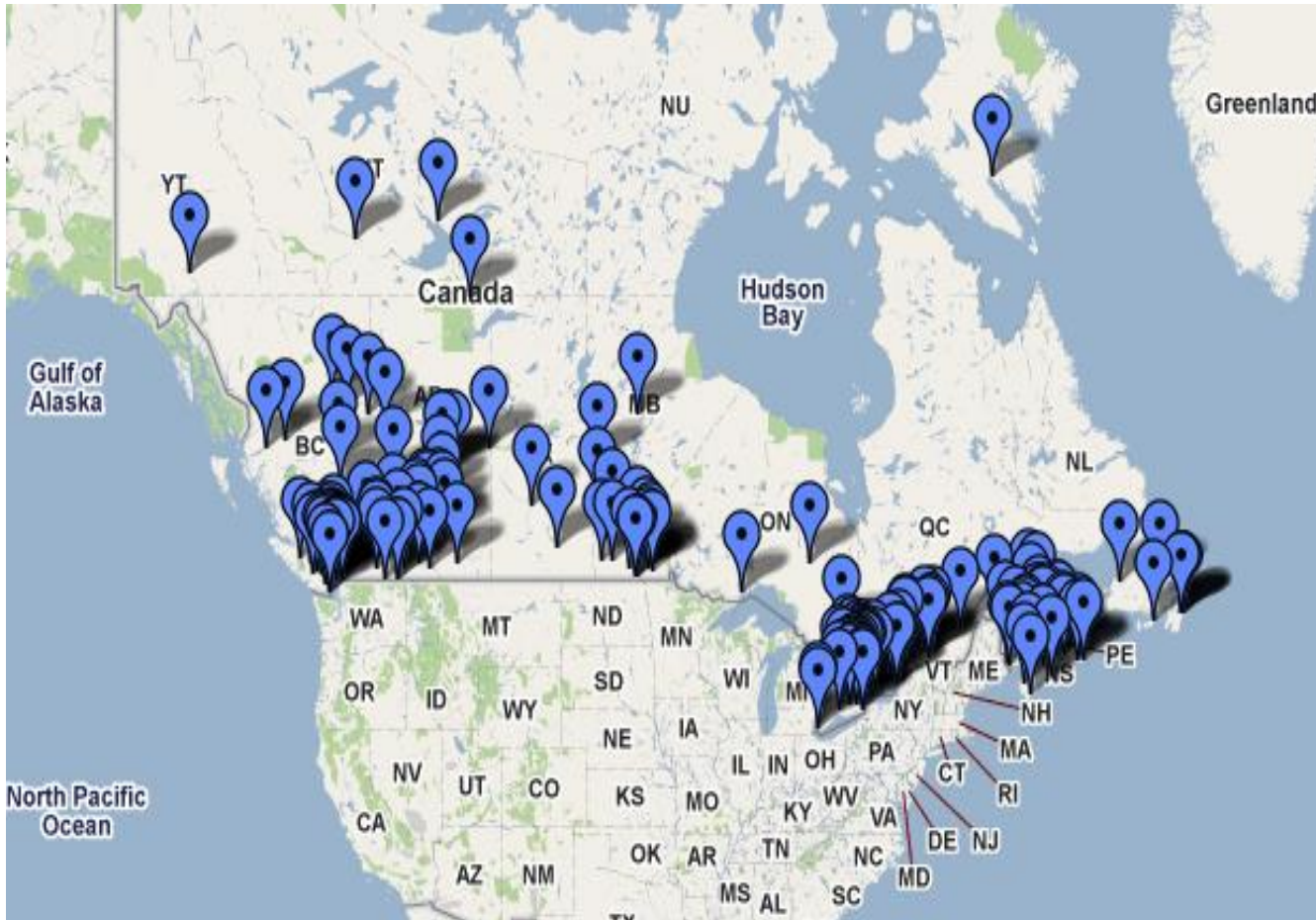
PARTNERS FOR **CLIMATE** PROTECTION

April 4th, 2022

www.pcp-ppc.ca



Partners for Climate Protection (PCP) Program



- A joint initiative between ICLEI Canada – Local Governments for Sustainability and the Federation of Canadian Municipalities (FCM)
- A network of over 450 Canadian municipalities from coast to coast to coast!
- Technical support and guidance, free training and resources

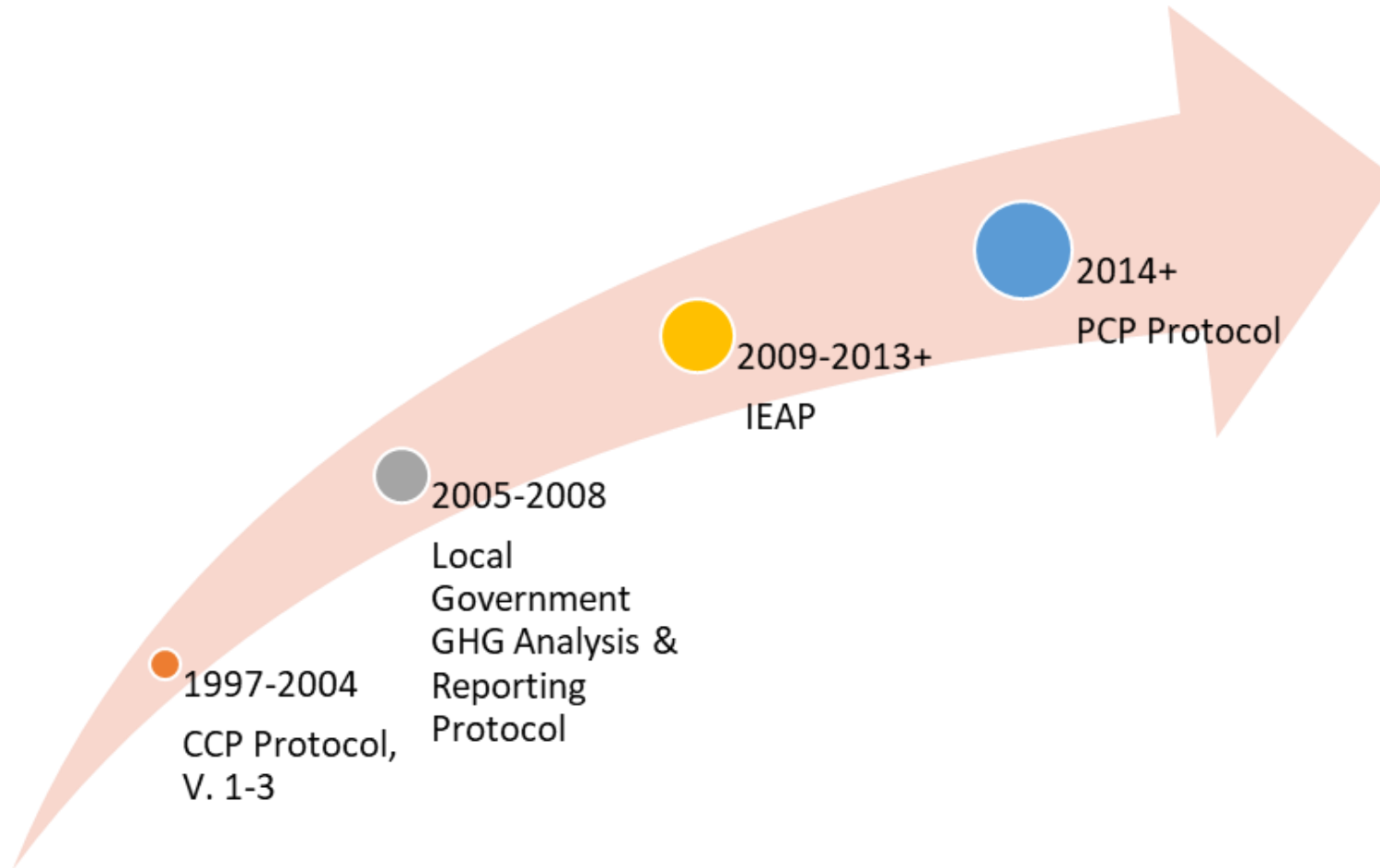
PCP 5 Milestone Framework

1. Creating an Inventory
2. Setting a Target
3. Developing a Plan
4. Implementing a Plan
5. Monitoring the Impact

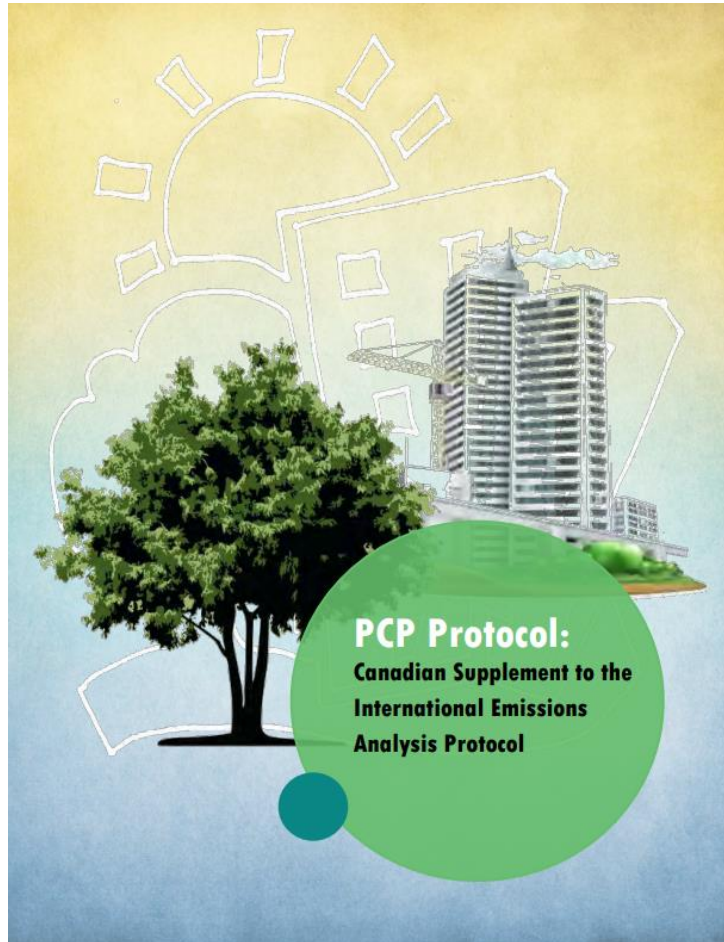




History of Protocols and the PCP



Protocols of the PCP Program



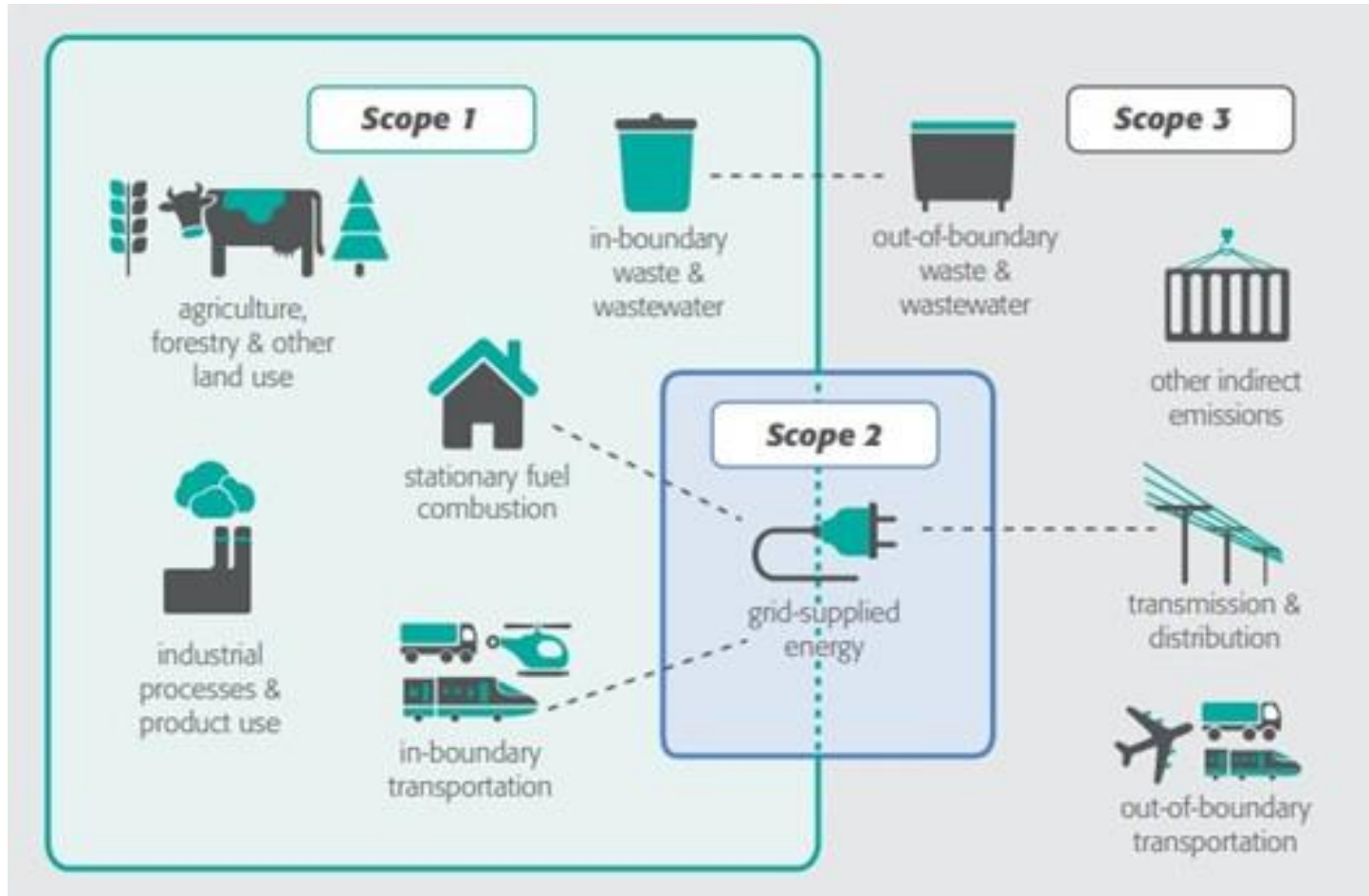
Global Protocol for Community-Scale Greenhouse Gas Emission Inventories

An Accounting and Reporting Standard for Cities





Inventory Scopes



Scope 1: In boundary direct emissions

Scope 2: Emissions from electricity grid

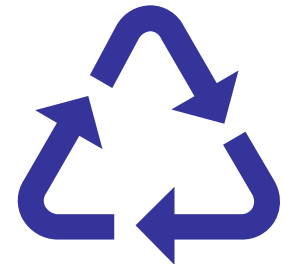
Scope 3: Emissions resulting from in boundary activities but occurring elsewhere



Solid Waste Reporting

Emissions are calculated for the following subsectors

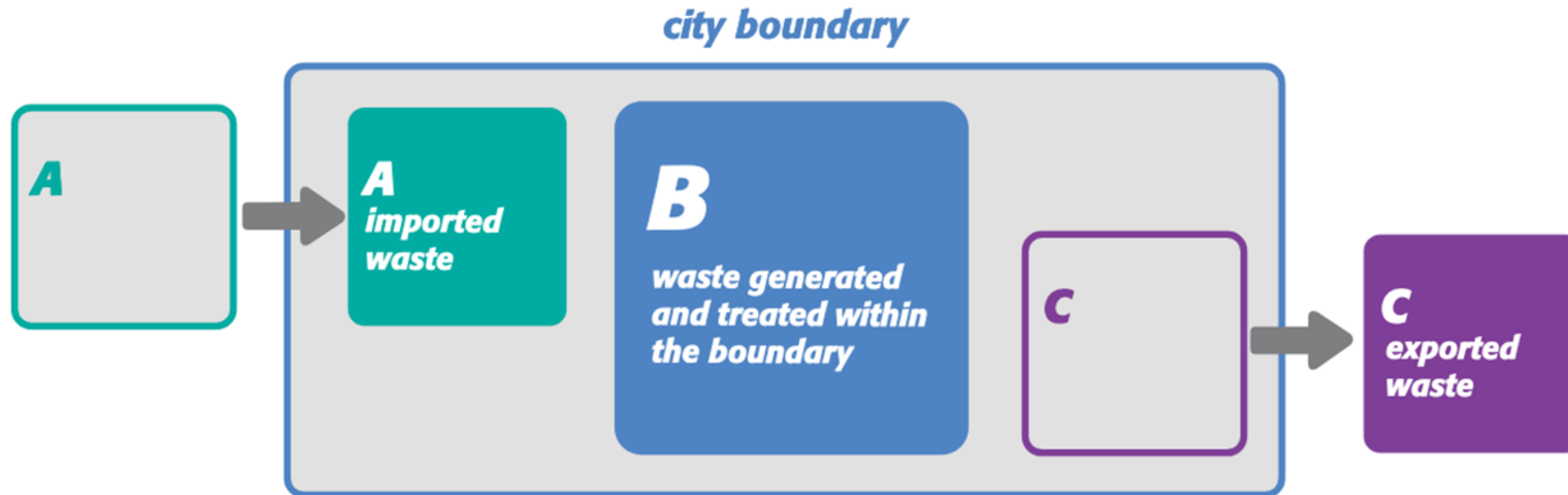
- Solid Waste disposed into landfills, including managed and unmanaged
- Biological treatment of solid waste (i.e, composting)
- Incineration and open burning of solid waste
- Wastewater treatment and discharge





Boundaries for imported and exported waste

Reporting Requirements for the PCP Program (and GPC) Include B + C only





Corporate versus Community Solid Waste

Exclusion & Inclusion Protocols

- If the solid waste facility is owned or operated by the municipality, then all solid waste disposed is required to be reported in its corporate inventory
- Emissions from waste the municipality generations, is also required to be reported by the local government in the corporate inventory.
- The corporate inventory is considered a part of and present in the community inventory and should not be considered as double accounting. *Think of the corporate inventory as applying a magnifying glass on one part of the community inventory.*



Energy Recovery

Landfill Gas Capture & Burning

- Landfill gas captured and utilized as an energy source should be reported under the stationary energy sector of the inventory
- Landfill gas burning without utilizing energy should be reported under the waste sector
- Waste incinerated for energy should be reported under the stationary energy sector
- Waste incinerated without utilizing energy should be reported under the waste sector



Carbon Offsets & Credits

Partners for Climate Protection Program

- At this time the program does not have a formal statement or detailed protocols on selling or purchasing carbon offsets and the impact on reporting to the program
- However, to prevent double reporting to the program we ask that credits sold or purchased be outlined within the submission to the PCP and that the impact to the inventory should also be clarified.
- For example:
 - If credits are sold, the emission reduction resulting from the action taken should not also be claimed as a reduction towards the community's emission target
 - If credits are purchased, then the emissions could count towards their reduction target.



PCP Resources Available

Partners for Climate Protection website: www.pcp-ppc.ca

- [PCP Protocol: Canadian Supplement to the International Emissions Analysis Protocol](#)
- [Global Protocol for Community-Scale Greenhouse Gas Emissions Inventories: An Accounting and Reporting Standard for Cities](#)
- [Guidebook on Quantifying GHG Reductions at the Project Level](#)

PCP Member's Only

- PCP Hub : www.pcphub.fcm.ca
- PCP Milestone Tool: www.pcptool.ca
- Workshops on calculating and reporting emissions to the program



Thank you!

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