



Canada's Data Collection

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Natural Resources
Canada

Ressources naturelles
Canada

Canada

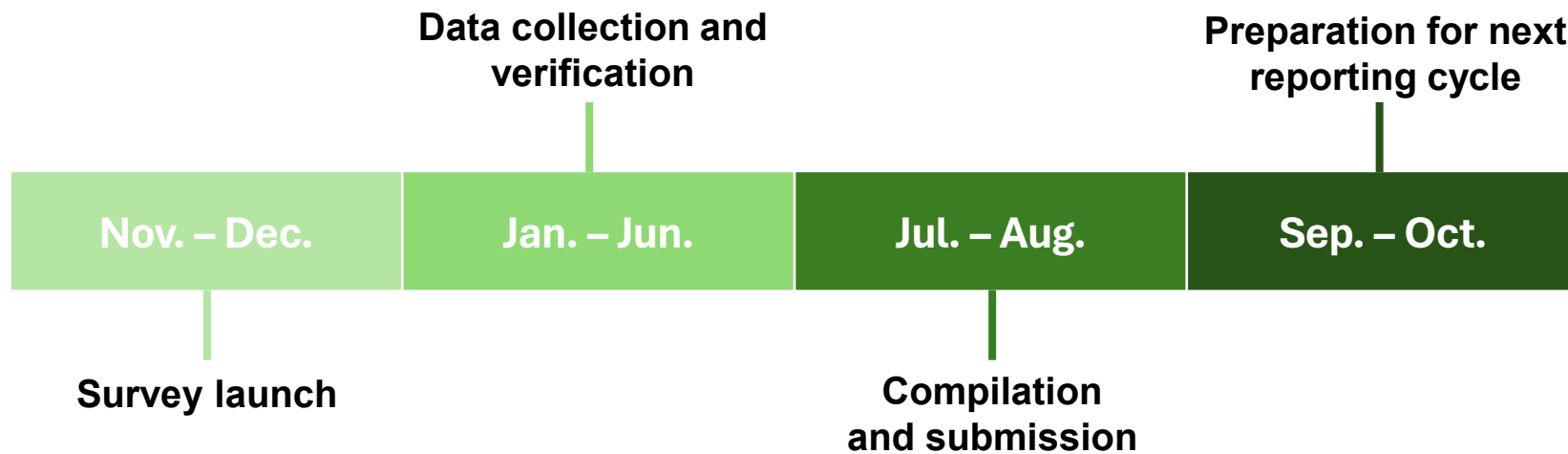
Role of Natural Resources Canada (NRCan)

- Reporting coordinator for energy RD&D data collection.
 - Data collection based on survey responses from:
 - ~ 25 federal organizations
 - 13 provincial and territorial governments
- NRCan is responsible for
 - Coordinating with federal, provincial and territorial (FPT) respondents
 - Launch annual data collection
 - Provide guidance and knowledge sharing
 - Address questions and concerns
 - Share key results
 - Engage senior officials



All leading to coordinated efforts in completing the yearly data collection.

Survey Process and Timeline



Note: The timeline is tentative.

Survey Launch

- Official Launch

- Email distribution (Nov-Dec)
- Sent from Director General's office
- To official & working-level contacts



Management Support

- Launch Package

- IEA survey template
- Supplementary program survey template
- Information session deck
- Supplemental guide
- Frequently Asked Questions (FAQ) document
- Contact list



Knowledge
Sharing &
Training

- Information sessions: via virtual meet in Nov-Dec

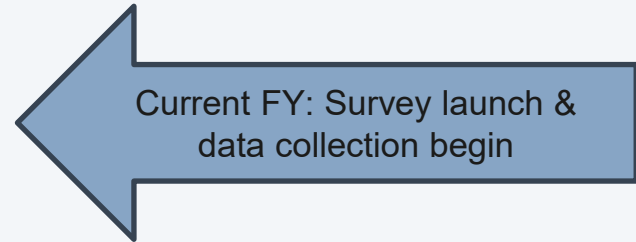
- Virtual sessions (Nov-Dec)
- Guidance on completing templates

Data collection and verification

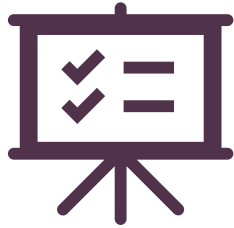
- Launch package materials:
 - IEA survey template: expenditures by IEA energy technology categories
 - Supplementary program survey template: expenditures by program
 - Information session deck: background, process and methodology
 - Supplemental guide: definitions and inclusion/exclusion criteria
 - FAQ document: updated questions from previous cycle
 - Contact list: official and working-level contacts by organization
- Survey template review:
 - Compare against previous surveys
 - Verify programs, projects, and expenditure types

Data collection and verification (continued)

- Data collection over three years: 2024, 2025, 2026
- Fiscal year(FY)
 - 2024 (Past FY)
 - Actual expenditures
 - April 1, 2024 – Mar 31, 2025
 - 2025 (Current FY)
 - Actual and budgeted expenditures
 - April 1, 2025 – Mar 31, 2026
 - 2026 (Future FY)
 - Estimated expenditures
 - April 1, 2026 – Mar 31, 2027
 - High degree of uncertainty
- Responsible provincial and territorial ministry coordinates reporting for their jurisdiction.



Compilation, Submission and Preparation



Compilation & submission

Final step of data collection
Identify areas for improvement



Preparation for next reporting cycle

Opportunity to discuss outstanding issues

- Contacts
- New respondents
- New programs

Share consolidated results

Update launch package materials

Uses of energy RD&D data



Internal as input

- Renew programs
- Develop new programs
- Develop policies
- Report to senior officials



FPT respondents

- FPT partners' internal use



NRCAN reports

- NRCAN Energy Fact Book
- NRCAN Departmental Results reports
- NRCAN Departmental Sustainable Development Strategy Reports
- Canada UN Sustainable Development Goals



Data granularity varies based on access levels and intended use whether public facing or internal.

Strategy

- Establish official and working-level contacts
 - Update annually
- Maintain a formalized process
 - Ensure proper documentation
 - Deliver information sessions
 - Provide ongoing support and assistance
- Conduct internal reviews of all submissions
- Share consolidated results
- Implement the new classification
 - Communicate early and consistently
 - Encourage participation in feedback processes
 - Allow sufficient time for data collection



Coordinated
approach

Right
contacts



Participation

Knowledge
sharing



Consistent
approach

Clear
process

Questions



Canada