

APPENDIX B

Theme Definitions

THEME	Data and Information Integration
DEFINITION	Excerpt references ‘data’ or ‘information’ as the entities being integrated.
EXAMPLE	<p><i>“This platform integrates authoritative data on forests, geology, groundwater and earth observations, along with data from other government departments, provinces and territories.”</i></p> <p><i>“ECCC will maintain its efforts to renew regulatory reporting systems to lessen duplicative reporting for industry and integrate reported information with other key ECCC data holdings.”</i></p>
THEME	Knowledge or Perspective Integration
DEFINITION	Excerpt references ‘knowledge’ or ‘perspectives’ as the entities being integrated, or mentions the integration of a particular ‘lens’.
EXAMPLE	<p><i>“In 2022–23, ECCC will continue to build the capacity of Indigenous communities to advance the use and integration of Indigenous traditional knowledge in three regional assessments...”</i></p> <p><i>“Examine policies through the new Quality of Life Framework, and pilot an integrated climate lens, announced in Budget 2021.”</i></p>
THEME	Program or Organization Integration
DEFINITION	Excerpt references ‘programs’, ‘organizations’, ‘teams’, or various policies and practices as the entities being integrated.
EXAMPLE	<p><i>“...spreading evidence-based models of community mental health care and culturally-appropriate interventions that are integrated with primary health services...”</i></p> <p><i>“Global Affairs Canada will coordinate the development and launch of an integrated, whole-of-government Indo-Pacific Strategy that will deepen Canada’s diplomatic, economic and defence partnerships and international assistance in the region.”</i></p>
THEME	Technology
DEFINITION	Excerpt references some form of technology (e.g. software, information systems, machine learning, websites).
EXAMPLE	<p><i>“Introduce and implement a new integrated software solution that will be used to manage grants and contribution (G&C) programs and client relationships...”</i></p> <p><i>“The department is designing experiments to evaluate when, how, and how effectively AI can be integrated into the workflow.”</i></p>

THEME	Communities and People
DEFINITION	Excerpt references specific communities and groups (e.g. immigrants, Indigenous people, women, rural populations) or diversity and inclusivity
EXAMPLE	<p><i>"This strategy recognizes the importance of embracing new pathways for providing integrated responses to priorities identified through Indigenous community development and community-led planning."</i></p> <p><i>"WAGE will continue to implement commitments to a diverse and inclusive workplace, by integrating diversity and inclusion commitments and considerations at all levels of the organization."</i></p>
THEME	Cross-Disciplinarity (Inter-/Multi-/Trans-)
DEFINITION	Excerpt references one or more cross-disciplinary approach (e.g. interdisciplinarity, multidisciplinary, transdisciplinarity) or related ideas like cross-sector or cross-department work.
EXAMPLE	<p><i>"The Department is contributing to transforming the delivery of science in the federal science ecosystem by promoting an integrated science vision and plan with its partners and reducing barriers to scientific collaboration. To achieve this, NRCCan is co-leading the new TerraCanada Science Hub, along with the National Research Council (co-lead), Health Canada, Environment and Climate Change Canada, and the Canadian Nuclear Safety Commission. TerraCanada will promote transdisciplinary, collaborative research and development and innovation along three themes."</i></p> <p><i>"Staffing will be focused on addressing gaps and promoting national, cross-sectoral and transdisciplinary collaboration."</i></p>
THEME	Research
DEFINITION	Excerpt references 'research', 'science' or 'experimentation'.
EXAMPLE	<p><i>"Through these programs, the Department seeks to build an integrated, socially inclusive society, by supporting communities confronting racism, engaging on multiculturalism, incorporating equity, diversity and inclusion, and by strengthening research and evidence to better understand disparities and challenges faced by Indigenous peoples, racialized peoples, and religious minority communities."</i></p> <p><i>"ECCC will continue to deliver coordination, planning, research and monitoring to inform decision-making on emerging pathogens and the impacts of multiple stressors and cumulative effects on wildlife health following a "One Health" approach. One Health is defined as a collaborative, multi-sectoral, and transdisciplinary approach which recognizes the connection between people, animals, plants and their shared environment."</i></p>

THEME	Innovation
DEFINITION	Excerpt references ‘innovation’ or innovative strategies.
EXAMPLE	<p><i>“Enabling an innovative, data-driven organization includes:</i></p> <ul style="list-style-type: none"> <i>• stimulating a culture of innovation and use of innovative techniques and emerging technologies</i> <i>• improving data quality and better integrating the use of data across the CRA”</i> <p><i>“The Department will also carry out technical innovations, such as integrating new technologies into the monitoring network and implementing active radar and Lidar sensors.”</i></p>
THEME	Other Forms of Integration
DEFINITION	Excerpt makes reference to ‘integration’ in a way distinct from the broad context of focus in this paper (that is, ‘integration’ as some kind of process of synthesis across disciplinary or organizational boundaries).
EXAMPLE	<p><i>“The Joint Action Plan aims to spur job creation and economic growth in various downstream industries and increase Canada-U.S. economic integration.”</i></p> <p><i>“The Department will help to increase accessibility to record suspensions, through legislative and non-legislative reforms, and facilitate the safe reintegration of federal offenders upon their release from incarceration...”</i></p>