



Canada's Contribution to ESA's SDG Catalogue

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Agence spatiale
canadienne

Canadian Space
Agency

Canada



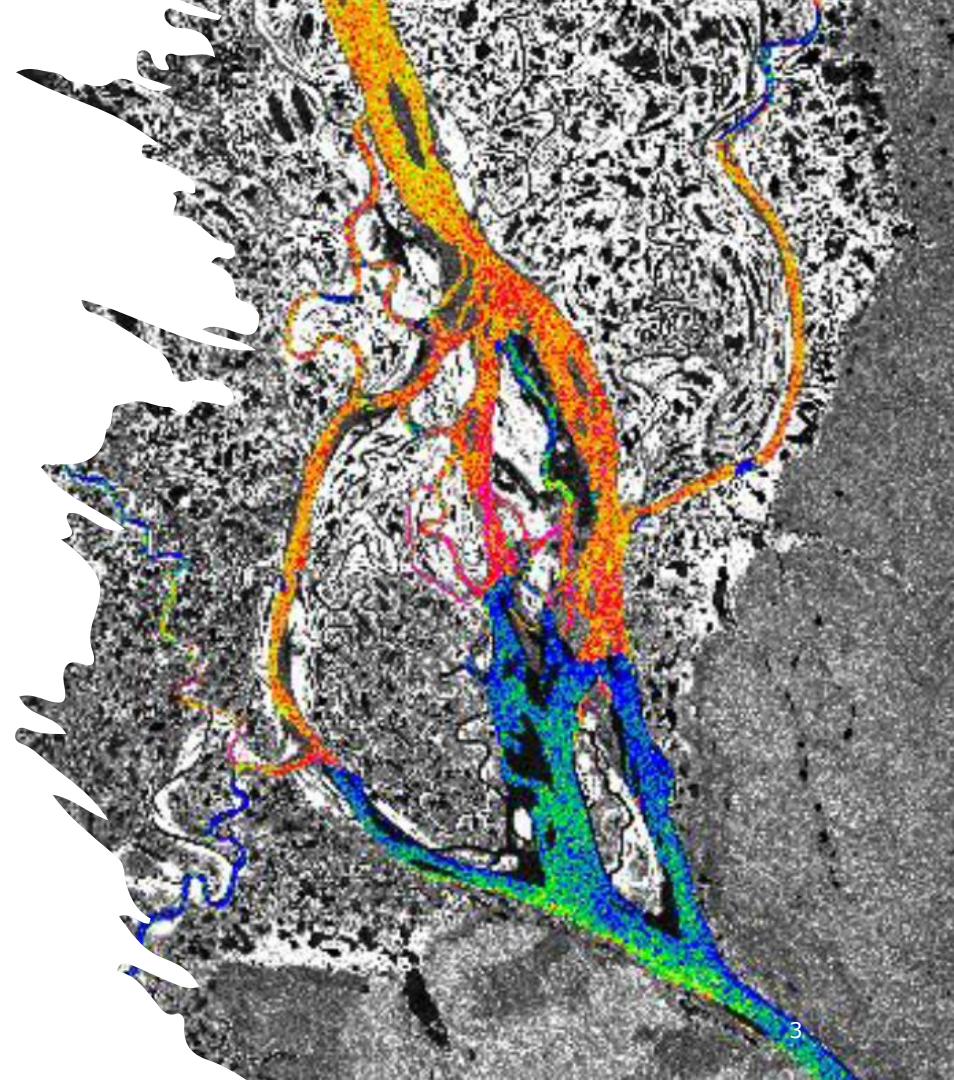
Canada and the Sustainable Development Goals (SDGs)

The Canadian Space Agency's Sustainable Development Vision:

- *To explore and utilize space to improve the life of Canadians, while fostering sustainable practices and ensuring the preservation of our planet and its space environment for future generations.*
- By leveraging Canada's position as a space-faring nation, the CSA will continue to improve the quality of life of Canadians while contributing to Canada's equitable and sustainable prosperity.

ESA SDG Catalogue

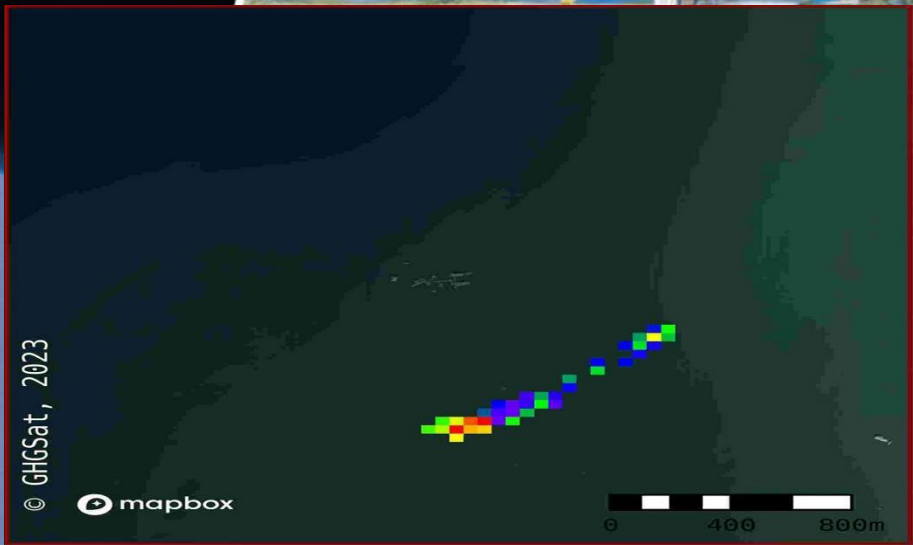
- Canada contributed **18** projects
- Program Space Utilization/smartEarth
- Topics includes:
 - Water management
 - Climate resilience
 - Lake ice hazard
 - Disasters response
 - Wildfire





CSA smartEarth

Detecting methane emissions via satellites





CSA smartEarth

Climate Monitoring & Inuit Expertise



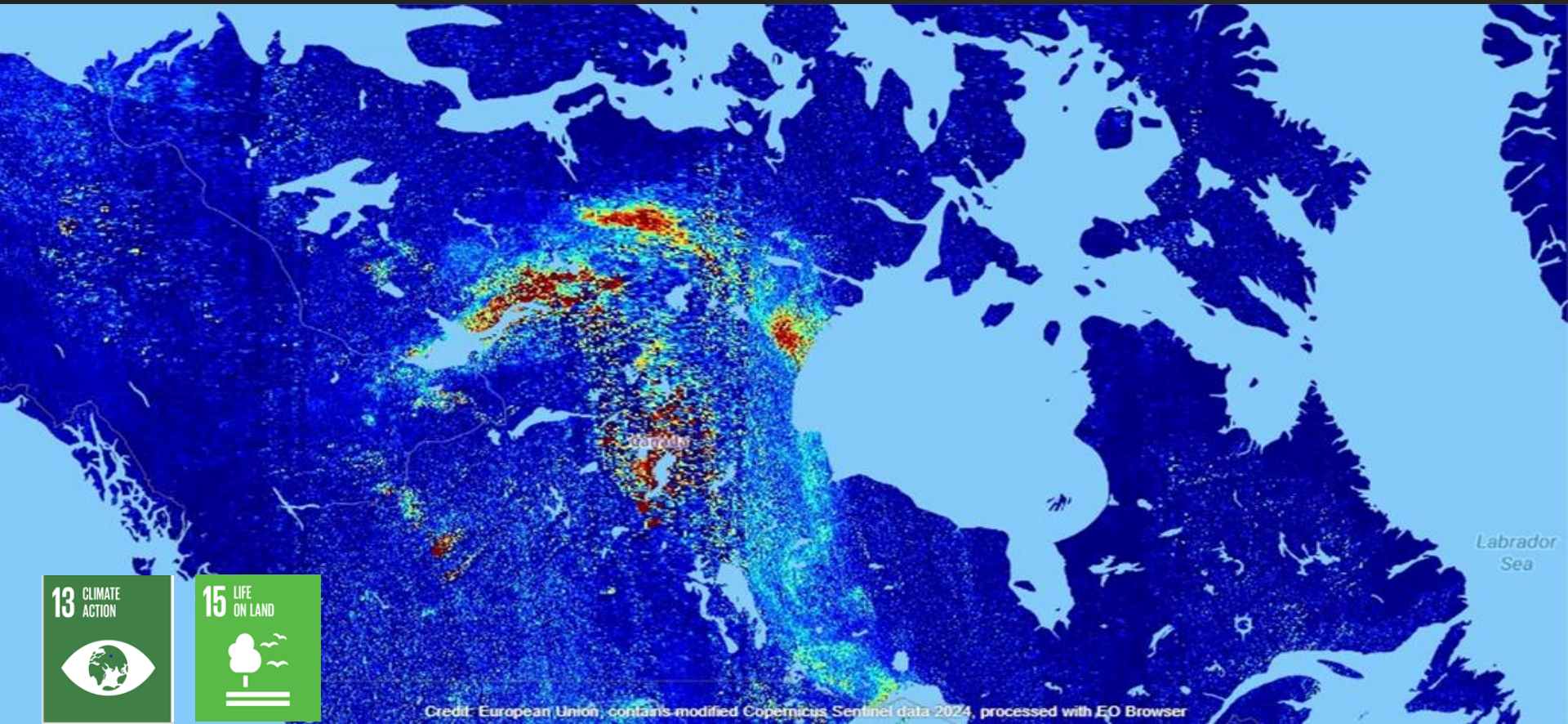
The Indigenous Knowledge Social Network





CSA smartEarth

FIRECAN: Improving the Modelling of Forest Fire Plumes



13 CLIMATE ACTION



15 LIFE ON LAND



Credit: European Union, contains modified Copernicus Sentinel data 2024, processed with EO Browser

