

# AGRICULTURE AND ENVIRONMENT

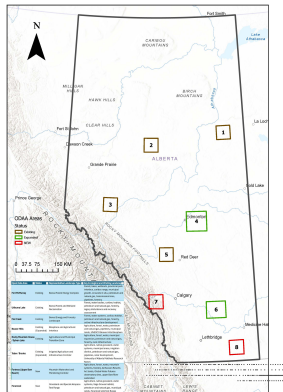
ENVIRONMENTAL INNOVATION

LAND MANAGEMENT SOLUTIONS

## FUNDING DETAILS

### Open Data Areas Alberta Modernization

Alberta Data Partnerships Ltd. proposes to modernize and expand the Open Data Areas Alberta (ODAA) initiative, a provincially governed open geospatial data program. The project will refresh existing Open Data Areas and establish up to two new areas, integrating authoritative public datasets with targeted high-value commercial Earth observation data. The modernized platform will provide standardized, quality-assured, and openly licensed datasets, enhanced with Registered Interests on Titled Land (RITL), enabling consistent evaluation, innovation, and commercialization of geospatial and environmental intelligence across Alberta.



**RECIPIENT:**

**Alberta Data Partnerships Ltd.**

**Erik Holmlund**



**PARTNERS:**

**Altalis,  
Amii  
Silvacom, and  
Wyvern**



**TOTAL BUDGET:**

**\$1,000,000**



**AI FUNDING:**

**\$500,000**



**PROJECT DATES:**

**MAR 2026 –  
DEC 2028**



**PROJECT TRL:**

**Start: 7  
End: 9**

### APPLICATION

Project results will be applied as a shared, no-cost evaluation environment where governments, municipalities, Indigenous organizations, industry, researchers, and innovators can test, compare, and validate Earth observation datasets and analytics. By providing consistent baselines, legal context, and defensible documentation, the platform reduces duplication, accelerates adoption of advanced monitoring tools, and supports operational, policy, and commercialization decisions across land-use, environmental monitoring, and infrastructure planning.



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## PROJECT GOALS

The project aims to modernize Alberta’s Open Data Areas (ODAA) established in 2015-16 by refreshing datasets, expanding geographic coverage, and integrating advanced Earth observation products with authoritative geospatial baselines. Key goals include enabling repeatable and defensible evaluation of environmental analytics, improving data accessibility under open licensing, incorporating Registered Interests on Title to link physical change with legal context, and strengthening stakeholder engagement. Collectively, these goals support innovation, commercialization, regulatory readiness, and informed decision-making across Alberta’s working landscapes.

## BENEFITS TO ALBERTA

The project strengthens Alberta’s leadership in open, decision-ready geospatial infrastructure. It reduces costs and delays caused by fragmented data acquisition, improves environmental monitoring and land-use planning, and accelerates commercialization of Earth observation technologies by Alberta SMEs, researchers, and data providers. Municipalities, regulators, Indigenous communities, and industry gain equitable access to high-quality datasets and defensible analytics. Integration of legal tenure context enhances accountability and transparency without creating new regulation. The initiative supports workforce development in geospatial analytics and AI, improves environmental risk screening, and positions Alberta as a national and global testbed for next-generation environmental intelligence solutions.



3 Publications



6 Students Trained

CURRENT STATUS

### APR 2026 - IN PROGRESS

Stakeholder sessions are being scheduled to confirm data needs and to support the update and expansion of the Open Data Areas. Existing partners in the ODAA initiative that have provided data still available on the site include: Airborne Imaging, Altalis, Government of Alberta, Hatfield Consultants, Natural Resources Canada, Tarin Resource Services, and Vantor (formerly Maxar), .