APPLIED RESEARCH

NAIT AND PEAVINE MÉTIS SETTLEMENT

PEAVINE MÉTIS SETTLEMENT

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THE COMMUNITY

Located in Northern Alberta, Peavine Métis Settlement is located approximately 56 km north of High Prairie, AB.

The population of 993 people has a land base of 82,364 square hectares and shares a boundary with Gift Lake Metis Settlement.

Homesteads were established by settlers in the early 1920s. Settlers would travel to nearby communities to encourage Métis families to reside in Peavine Métis Settlement to ensure boundaries were not altered, with many new families moving there between 1950 and 1952.

THE ECONOMY

Peavine Métis Settlement's economy is supported by job sectors including construction, forestry, agriculture, logging, transportation, along with oil and gas exploration and development.

The community continues investments in resource development and has expanded its focus on tourism and hospitality.

NAIT INDIGENOUS PARTNERSHIPS & ENGAGEMENT

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WHAT WE DO

- NAIT Indigenous Partnerships & Engagement aims to be the link between our Continuing Education and Applied Research Centres and our Indigenous Community Partners

- Using the research and instructional expertise of NAIT to create and deliver programs that matter most to our Community Partners

HOW WE DO IT

OUR GUIDING PRINCIPLES

SUPPORTING COMMUNITIES' DEFINITIONS OF SUCCESS

We do not seek to determine the markers of success for our partners.

We remain accountable to our partners' definitions of success and we walk beside them to offer support that can help them achieve their goals.

COLLABORATING WITH AND LEARNING FROM OUR PARTNERS

We seek to learn from our partners throughout our engagement process so that we may mobilize traditional knowledge and create programming that better serves and celebrates each individual community and their cultural heritage.

CUSTOMIZED TRAINING AND APPLIED RESEARCH

Our success is the result of decades of listening to and addressing our partners' needs with creative and flexible approaches to problem solving, thereby removing barriers to the learning process.

COMMUNITY-LED ENVIRONMENTAL MONITORING

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COMMUNITY-LED

ENVIRONMENTAL MONITORING

- Dual capacity-building and environmental-based applied research to support the establishment of Indigenous-led, community-based environmental monitoring programs in Peavine Métis Settlement

- Peavine Métis Settlement has been leading the design of the research program and led sample collection and monitoring the health and condition of their local environment

- The program aims to provide Peavine with information about the effects of different environmental and industrial stressors on the chemical and physical status of aquatic and land ecosystems of which they are stewards

COMMUNITY-LED ATLASES

COMMUNITY-LED

ATLASES PROJECT

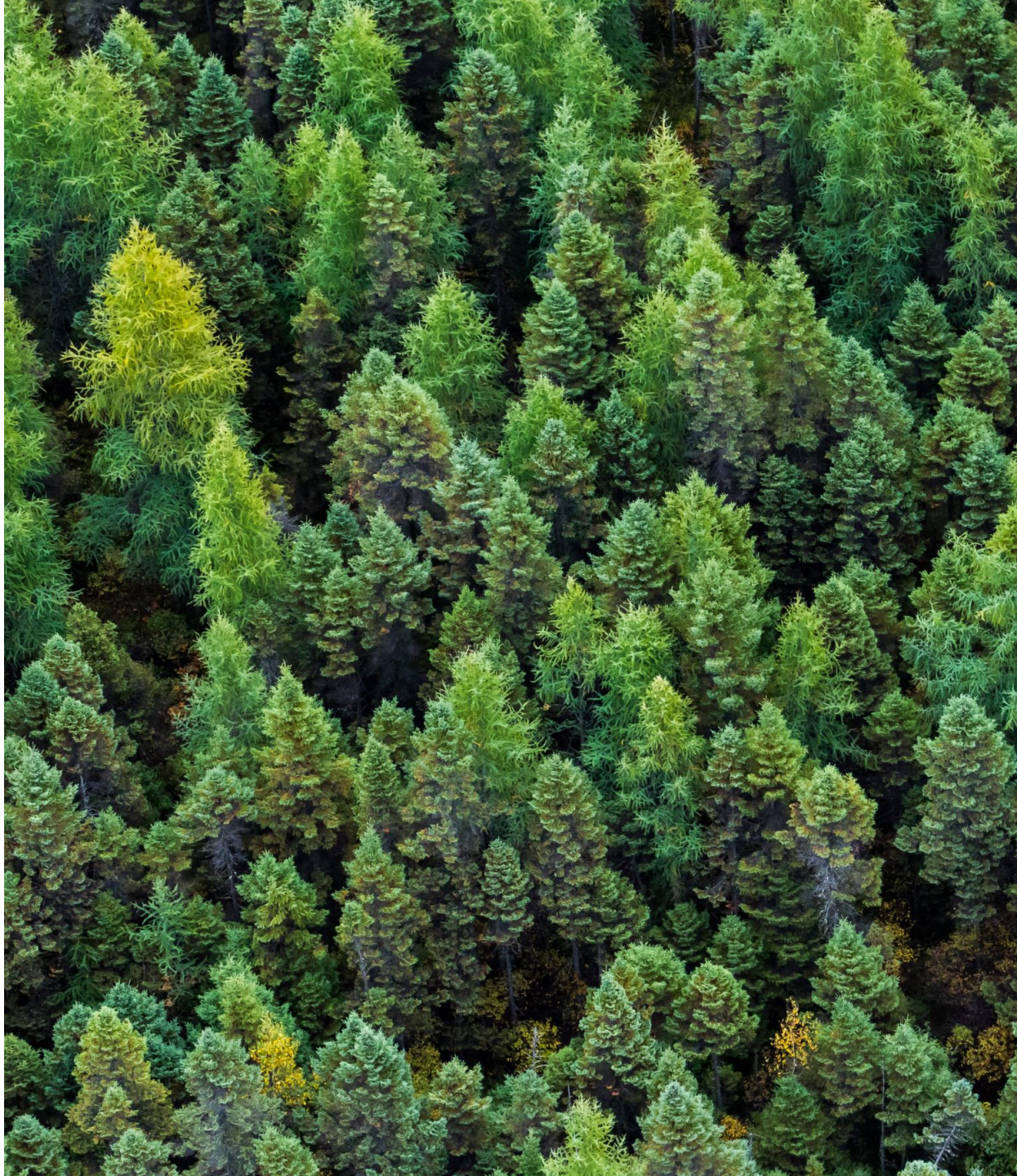
- Provides visualized data to help communities make decisions regarding infrastructure development, wildlife management, remediation, environmental monitoring, wildfire risk, and more
- Follows capacity-building model which has learners directly integrate into NAIT's Applied Research teams
- Our partners take the lead in collecting data and determining the data layers that are most important to them
- All data generated and stored in the Atlas is 100% owned by Peavine Métis Settlement

2 BILLION TREES PROGRAM

2 BILLION TREES

REFORESTATION PROGRAM

- Planting more than 1.5 million trees
- Seed collection, planting, and growth monitoring led by Peavine Métis Settlement
- Peavine Métis Settlement is actively employing and training Settlement members in partnership with NAIT
- The Settlement and its members lead the way in biodiversity planting including shrubs, fruiting plants, and other undergrowth species



WILDFIRE MONITORING

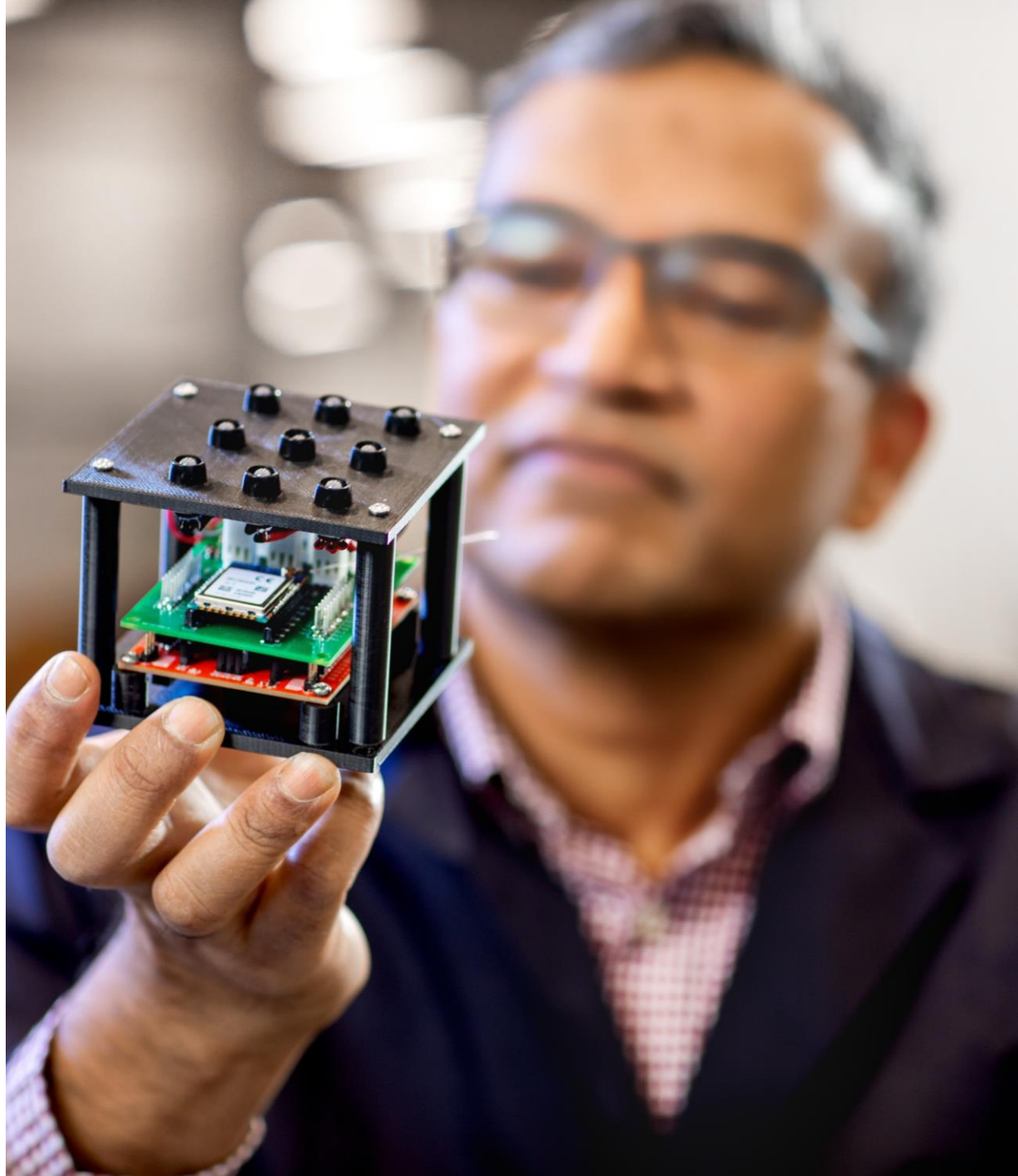
THROUGH DISTRIBUTED NETWORK OF SENSORS

WHAT IS THE PROJECT?

The Wildfire Monitoring through a Distributed Network of Sensors is a multi-year applied research project led by Peavine Métis Settlement to monitor the conditions and occurrences of wildfires in the Settlement area.

The deployment of the sensors is a customized integration that allows for real-time monitoring of wildfire events.

The sensor system will be designed to monitor remote areas.



NAIT | APPLIED RESEARCH

NAIT DEPARTMENT OF CORPORATE AND CONTINUING EDUCATION

INDIGENOUS PARTNERSHIPS & ENGAGEMENT