
Main objective

Network all the actors involved at all levels in connection with the two targeted objectives of the Sustainable Agriculture Plan (PAD), soil health and conservation and pesticide reduction in a context of climate change at the provincial level.

Specific objectives in 5 words

- **Federate** all the actors of Quebec research
- **Mutualise** vital forces and infrastructures
- **Co-build** with key actors from the regions and civil society
- **Train** the next generation and users working in sustainable agriculture
- **Transfer** to producers

Strategic Partners

The RQRAD's strategic partners are made up of producer associations, several ministries, community transfer organizations, agronomists working in the field and users.

Programming

The RQRAD's programming is divided into 4 complementary axes, which involve several disciplines and require transversal integration. It is through this ambitious program, developed from the needs of users, that the RQRAD contributes to meeting the targets of the 2020-2030 Sustainable Agriculture Plan.

Axis 1: Alternatives to synthetic pesticides

Axis 2: Conservation and restoration of agricultural soil health

Axis 3: Digital tools, precision agriculture and big data: a global approach for innovative Quebec agriculture

Axis 4: Socio-economic aspects: adoption, innovation system and public policy

The RQRAD is 225 researchers from:

- **Fifteen affiliated universities:** Laval, McGill, INRS, Montréal, Sherbrooke, Bishops, UQTR, UQAM, UQO, UQAT, UQAC, Polytechnique, TELUQ, Concordia and ETS.
- **Four CCTTs:** CETAB+, CISA, Biopterre and Agrinova
- **Research centres:** CEROM, IRDA, CRAM, CIEL, Insectarium and AAFC
- **Many partners:** UPA and affiliated associations, CRAAQ, Consulting Clubs, ROBVO, strategic groupings, Ouranos, IVADO, IID, AgTech Zone, Ducks Unlimited, ministries: MAPAQ, MELCC, MFFP.
- **Here and beyond our frontiers:** a network dealing with provincial issues related to the PAD and major international challenges such as the United Nations Sustainable Development Goals.

Proposal of unifying and stimulating activities:

- **Mobilize** - orientation congress (consultation), mapping of expertise, monitoring here and internationally, summer school
- **Stimulate networking** - Co-construction with producers and stakeholders, living laboratories, funding interdisciplinary projects
- **Building collective knowledge** - Database sharing and dissemination platform, recommendation software
- **Monument sites and test plots** - identify, maintain and establish sites, visits to monument sites, inventories of existing demonstration plots, technological showcases
- **Outreach and awareness of agricultural issues** - Public information platform, presence on social networks and media, promoting excellence (awards, farmer champions)

Governance structure:

Multi-stakeholder governance structure with alternating management by one of the co-PI, a deputy director, a communication officer and four delegates associated with the co-PIs to animate their axes. This structure will be supported by various committees (direction, management, advisory and "relève") associated with the operation of the RQRAD.

