

# PFRA STRATEGIC FRAMEWORK 1999-2002

## WHAT WE DO (ACTIVITIES)

**LAND MANAGEMENT** - Core (\$16.7m) Revenue Based (\$11.0m)

- provide livestock grazing and breeding services to rural Prairie clients, on fragile lands, within PFRA Community Pastures
- manage PFRA Community Pastures for multiple uses including livestock grazing, and plant and animal biodiversity
- monitor long-term permanent cover contracts for marginal land and provide advice to clients on management of this land

**RURAL WATER** - Core (\$21.1m) Term (\$1.4m)

- plan and develop water supply and quality improvement projects through the Rural Water Development Program and federal-provincial agreements
- co-ordinate water development strategies with provincial agencies under the umbrella of federal-provincial Memoranda of Understanding
- monitor the effects of agriculture on water quality through activities such as hydrogeologic investigations and aquifer management planning
- investigate innovative treatments to improve the supply and quality of water in dugouts and wells
- promote best management practices for land and water resources
- operate and maintain water storage facilities and irrigation projects in southwest Saskatchewan

**RESOURCE CONSERVATION** - Core (\$8.8m) Term (\$1.3m)

- promote, and participate in, individual and community-based activities for the conservation and development of land and water resources
- develop technical information and provide advice on multiple land use, natural ecosystem management and perennial re-vegetation
- promote best management practices for land and water resources
- develop, demonstrate and provide information on sustainable irrigation management on the Prairies through the Saskatchewan Irrigation Diversification Centre (SIDC) and Manitoba Crop Diversification Centre (MCDC)
- participate in a Prairie-wide drought reporting network
- provide tree materials for field and farm shelterbelts, riparian areas, wildlife habitat, and agroforestry plantings
- conduct investigations, and provide information and plans to rural municipalities and industry, for effluent irrigation and manure management

**CAPACITY BUILDING** - Core (\$3.9m) Term (\$6.3m)

- provide technical support for industry-led initiatives that enhance primary production
- promote and provide information on value-added opportunities for new and alternative crops
- investigate technologies and alternative uses for crops and livestock
- identify opportunities and means to address land and water constraints to economic initiatives
- support the development of sector or commodity-specific groups that focus on emerging crop or livestock production and marketing
- support the development and growth of community economic development organizations and their activities

**CORPORATE ADMINISTRATION AND MANAGEMENT** - Core (\$5.3m)

- provide advice, guidance, information and services for the administration and management of PFRA's human and financial resources
- acquire and manage resources, facilities and real property
- develop and apply systems and information technology to support program delivery

**SPECIAL SERVICES** - Term (\$50.7m)

- maintain expertise developed through on-going program delivery and special responses such as the 1997 Manitoba Red River Flood Relief
- develop rural infrastructure through programs such as Canada Agri-Infrastructure Program
- provide assistance for research, development, and infrastructure through the Canada/Saskatchewan Agri-Food Innovation Fund
- maintain and upgrade technical and project management skills by participating in overseas projects of the Canadian International Development Agency (CIDA) and other international organizations

**PLANNED EXPENDITURES 1999/2000**  
**TOTAL CORE** = \$55.8m      **TOTAL TERM** = \$59.7m      **STAFF** (full time equivalents) = 693



## WHAT WE PRODUCE (OUTPUTS)

**NEW TECHNOLOGIES**

- applied research in the following areas:
  - irrigated crop diversification and value-added crops
  - agroforestry
  - more efficient irrigation
  - water quality improvement
  - hydrology/hydrogeology (water quality/quantity/conservation)
- innovation:
  - application of Geographical Information Systems (GIS) and Global Positioning Systems (GPS)
  - development of water quality treatment systems

**INFORMATION PRODUCTS**

- fact sheets, brochures, handbooks, newsletters, and WEB sites on the following topics:
  - best management practices for land and water resources
  - drought information
  - wildlife habitat and agroforestry
  - irrigated crop diversification
  - rangeland management
- studies
  - hydrology/hydrogeology (water quality/quantity/conservation)
  - carbon sequestration (eg: permanent cover lands, shelterbelts, etc.)
  - environmental (intensive livestock operations)
  - socio-economic
  - rangeland management
  - soil conservation
- land and water data, and GIS products
- resource impact modelling

**SERVICES**

- management of federal-provincial agreements, programs and projects
- integrated resource planning
- technology transfer
  - best management practices for land and water
  - water conservation and treatment
  - riparian management demonstrations
  - agricultural practices and crop diversification under irrigation
  - planning and agroforestry advice
  - demonstrations, workshops, and training
  - help in accessing government information - pathfinding
- provide specialized equipment (mulch applicators, water treatment trailers, etc.)
- management of marginal lands
- technical services
  - agrolgy, engineering, and agroforestry advisory services
  - comparative advantage maps, farm plans, watershed plans, rural pipeline plans, and community water source plans
  - promotion of new value-added crops and livestock production
  - project and contract management
- grazing and breeding services (community pasture lands)
- technical, administrative and management capabilities to deliver short term special programs
- drought strategies
- land and water conservation plans
- provide tree materials

**PARTNERSHIPS**

- facilitate strategic alliances
- federal, provincial and other agreements (Partnership, Canada/Saskatchewan Agri-Food Innovation Fund (AFIF), etc.)
- Memoranda of Understanding (MOU) - water development, biodiversity

**INFRASTRUCTURE**

- water storage and management
- waste management
- water supply (pipelines, wells)



## CLIENTS AND PARTNERS WE WORK WITH (REACH)

**CO-DELIVERERS**

- other federal departments
- provincial government departments
- municipal/local governments
- educational institutions
- producer and industry associations
- other AAFC branches

**CLIENTS**

- primary producers
  - farmers
  - ranchers
  - rural residents
- rural entrepreneurs
  - agri-business
  - non-agricultural business
- organizations
  - sectoral
  - local groups
  - local governments
  - First Nations
- Canadian public

**PARTNERS**

- other federal departments
- provincial government departments
- municipal/local governments
- producer and industry associations



## OUR SHORT-TERM RESULTS (OUTCOMES)

**Healthy and productive marginal lands**

Priority areas

- sustainable land management
- livestock productivity

**More and better water in rural Prairies**

Priority areas

- water supply
- water quality
- technical information

**Better land quality in rural Prairies**

Priority areas

- adoption of sustainable practices
- sustainable irrigation management
- information development

**Increased capacity for rural growth**

Priority areas

- production options
- rural capacity building



## OUR LONG-TERM ACCOMPLISHMENTS (IMPACTS)

**RESOURCE CARE**

- Prairie land and water resources used in a manner which can be sustained indefinitely.

**RURAL GROWTH**

- A robust, growing and diversified economy within the agricultural areas of the Prairies.

**The Prairie Farm Rehabilitation Act provides Parliamentary authority to:**

... secure the rehabilitation of the drought and soil drifting areas ... and to develop and promote within those areas systems of farm practice, tree culture, water supply, land utilization and land settlement that will afford greater economic security ... through the development, construction, promotion, operation and maintenance of any project or scheme ... or agreements with any province, municipality or person ...

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