



North American Waterfowl Management Plan Joint Ventures



PHJV Perspectives

"Canadians must learn to value natural capital if future generations are to enjoy the same EGS as we do today"



PHJV Perspective

" The concept of EGS has become topical because the services –which are so critical to the functioning economy and our life-support system – are at risk"



PHJV Perspective

"EGS programs have the potential to increase the scale of societal investment in natural land stewardship and to reverse trends in habitat loss at broad scales"



Prairie Habitat Joint Venture Members

- Agriculture and Agri-Food Canada
- Alberta Sustainable Resource Development
- Canadian Wildlife Service, Environment Canada
- Ducks Unlimited Canada
- Manitoba Conservation
- Manitoba Heritage Habitat Corporation
- Nature Conservancy of Canada
- Saskatchewan Environment
- Saskatchewan Watershed Authority
- Wildlife Habitat Canada



PHJV Strategic Plan

VISION

Healthy prairie, parkland and boreal landscapes that support sustainable bird populations and provide ecological and economic benefits for society.



PHJV Underpinnings

Science

Policy &
Conservation

Partnerships



Habitat Conservation Programs & Partnerships

Natural Capital

- Wetlands
- Uplands

Ecological Good

- Waterfowl & biodiversity
- Benefit to improved soil, water and air quality

Direct & Stewardship Programming

- Habitat Restoration
 - Restoring drained wetlands
 - Expanding winter wheat acreage
 - Land conversion to pasture and hayland
- Habitat Retention
 - Retaining existing wetlands and natural uplands



Accomplishments

400 partners

17,000 landowners

11 million acres conserved

\$718 million total investment



PHJV Structure

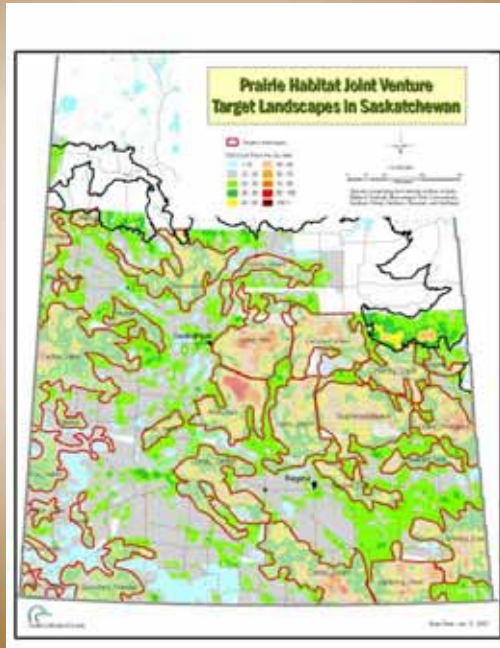
NAWMP-PHJV Provincial Steering Committees

Alberta NAWMP Partnership

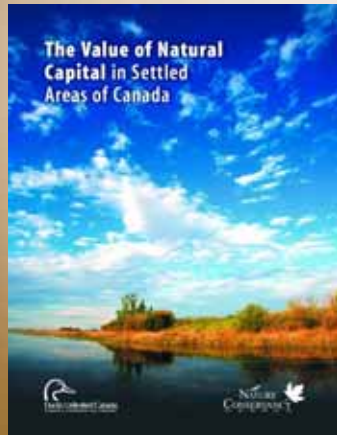
Manitoba Habitat Heritage Corporation

Saskatchewan Watershed Authority

Saskatchewan NAWMP Committee



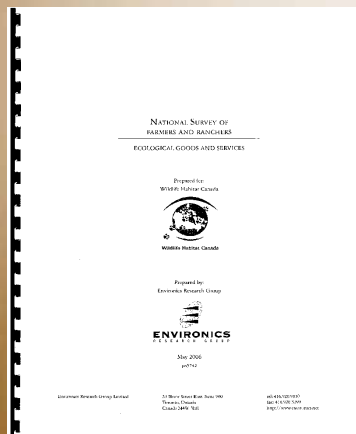
Valuation of Natural Capital



- Early example of research that raised profile for Natural Capital concept
- 2004 Study
- 4 Case Studies on Value
- Includes Upper Assiniboine River Basin, SK
- Net value of conserving or restoring natural areas is \$65/ha in eastern SK



National Survey of Farmers & Ranchers Ecological Goods & Services



- 2006 National Survey for Wildlife Habitat Canada
- Confirmed landowner interest in and sensitivity to land stewardship
- Ag community open to environmentally sound practices and ecological goods and services



Key Influences of the Agricultural Policy Framework

- Establishment of Federal/Provincial EGS Working Group
- 2006 National EGS Symposium, Winnipeg MB
- 8 Pilot Projects Funded over 3-years under ACAAF for \$4.5 million of which there are 3 Projects for \$1.6 million in the PHJV Area
 - Manitoba ALUS Pilot – Keystone Agricultural Producers, Delta Waterfowl and the Little Saskatchewan
 - Identification and valuation of EGS provided by wetlands in South Tobacco Creek, MB – Ducks Unlimited Canada
 - Lower Souris (SK) Watershed EGS Pilot – Lower Souris Watershed Committee Inc.
- Policy and Cost/benefit analysis undertaken
- Watershed Evaluation of Beneficial Management Practices – Lower Little Bow, AB and South Tobacco Creek, MB



New Actions

- PHJV/EHJV/AAFC sponsors and organizers for Ecological Goods & Services Technical Meeting (Ottawa, April 29-30, 2009)
- Launch of Manitoba Wetland Restoration Incentive Program 2008-2012
Manitoba Water Stewardship in partnership with Ducks Unlimited Canada and Manitoba Habitat Heritage Corporation
- Launch of Drained Wetland Restoration in Assiniboine River Watershed 2008
Assiniboine River Watershed in partnership with Saskatchewan Watershed Authority and Ducks Unlimited Canada



PHJV Now & Future

“Big Picture”

- Completed a Strategic Plan (2006)
- 5-Year Implementation Plan 2007-2012
- Continental assessment of all Joint Ventures

Opportunities for EG&S

- Retain and restore wetlands and perennial uplands via policy and conservation programs
- Link delivery to other opportunities – watershed planning, BMPs, land use planning and agricultural policies



EGS Benefits

- Healthy landscapes benefiting both agriculture and biodiversity, including waterfowl and other wildlife.
- Resulting from greater wetland and upland retention and restoration:
 - improved water regulation,
 - water supply,
 - nutrient cycling,
 - erosion control/sediment retention
 - contribution to climate change initiatives through greenhouse gas regulation.



Expectations for EGS Programming Saskatchewan

- A Provincial Strategy for EGS is needed
- Consider a Provincial Institute to lead strategic leadership to link government, industry and non-government organizations
- PHJV conservation actions can be one contributor to the solution.
- Apply sound economics with longevity and value for investment
- Expand science foundation
- Partner to develop tools, programs and markets
- Communicate and ensure public input



prairie habitat
joint venture



