



## 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

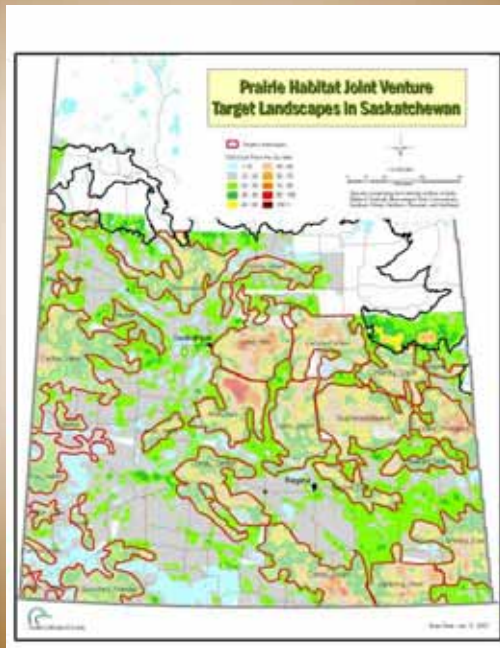
## NAWMP-PHJV Provincial Steering Committees

Alberta NAWMP Partnership

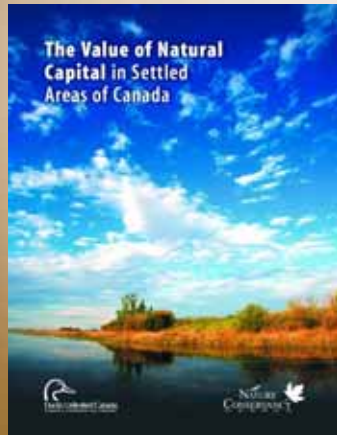
Manitoba Habitat Heritage Corporation

Saskatchewan Watershed Authority

Saskatchewan NAWMP Committee



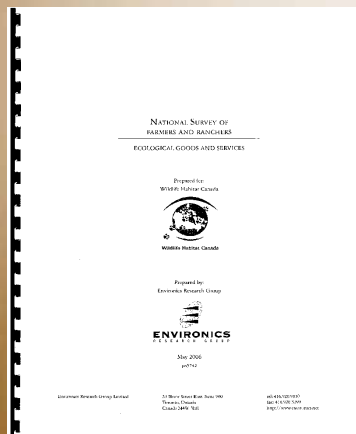
## Valuation of Natural Capital



- 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*



