



SCEK Fund

Science & Community
Environmental Knowledge Fund



PROGRAM OVERVIEW 2004





The Oil and Gas Commission administers the SCEK Fund on behalf of the Small Explorers and Producers Association of Canada (SEPAC) and the Canadian Association of Petroleum Producers (CAPP).



About the Fund

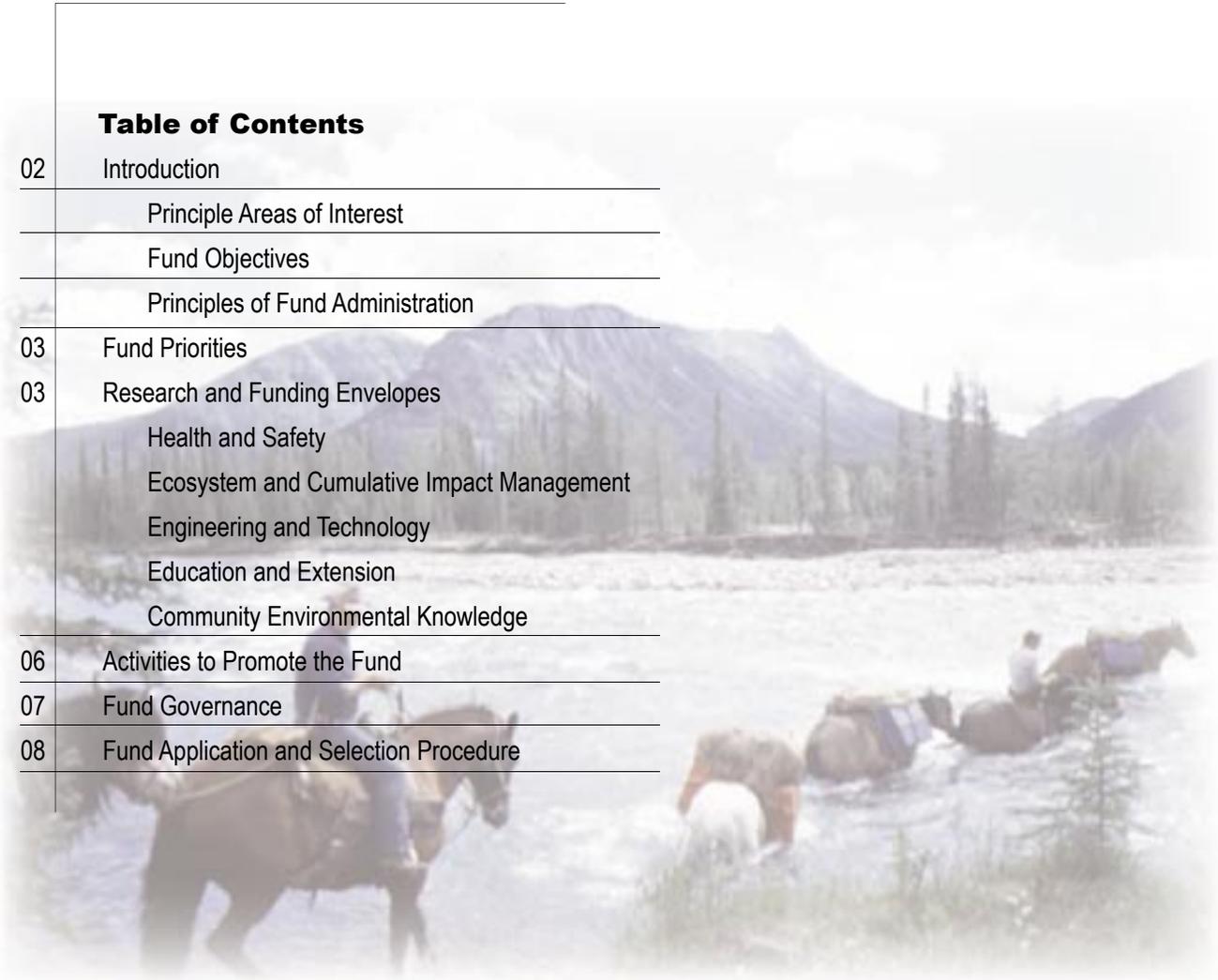


In 1998, the Government of British Columbia entered into an agreement with the Canadian Association of Petroleum Producers (CAPP) and the Small Explorers and Producers Association of Canada (SEPAC) to establish the Environment Fund (the Fund). The Fund was allocated \$5 million over five years to support studies concerning practical ways of addressing environmental issues related to oil and gas exploration and development in Northeast British Columbia. Findings of completed studies are incorporated, where appropriate, into environmental practice and regulation.

In 2002, CAPP and SEPAC restated their support of the Fund for a total of nine years. They also agreed to refocus and rename the Fund, changing it from a purely research-based, environment fund to a broader based fund which incorporates science and community environmental knowledge—thus the new name Science and Community Environmental Knowledge Fund (SCEK Fund or ‘the Fund’).

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Introduction

PRINCIPLE AREAS OF INTEREST

The SCEK Fund financially supports studies related to oil and gas development. Primary consideration will be given to proposals that focus on five subject areas or envelopes, as follows:

- Health and Safety
- Ecosystem and Cumulative Impact Management
- Engineering and Technology
- Education and Extension
- Community Environmental Knowledge

Additional details on the funding envelopes, including the purpose of each and examples of more specific areas of interest can be found under “Research & Funding Envelopes.”

FUND OBJECTIVES

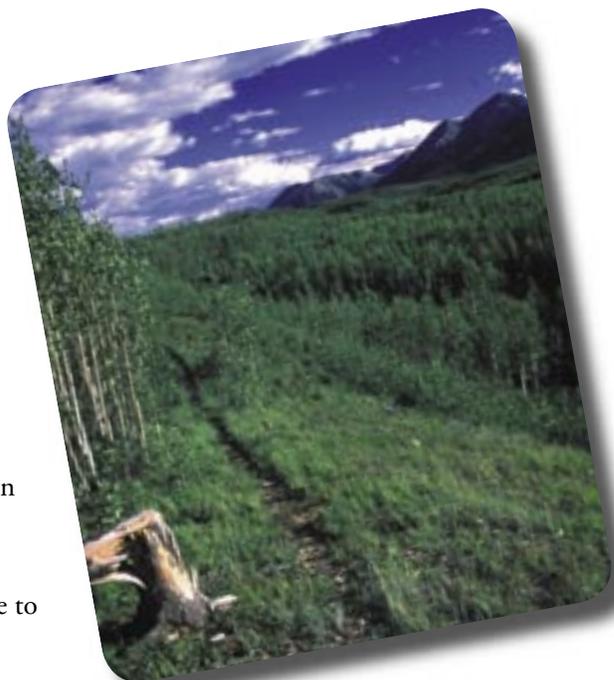
The objectives of the SCEK Fund are as follows:

- To provide credible findings from scientific and knowledge based research that are useful to both government and industry
- To improve scientific and community environmental knowledge relevant to the management of oil and gas activities in British Columbia
- To communicate research findings in formats suitable for industry, regulators, First Nations, stakeholders and the general public

PRINCIPLES OF FUND ADMINISTRATION

The administration of the SCEK Fund will reflect and balance the following six principles:

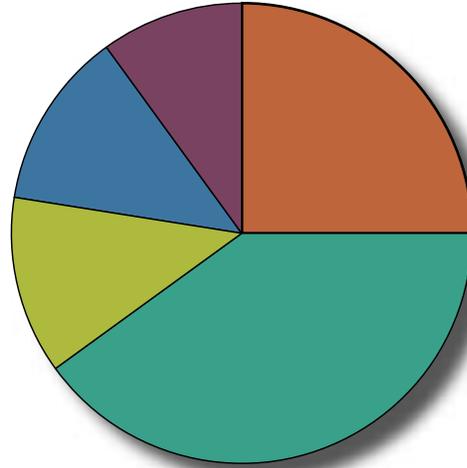
- Transparent and easy-to-understand application procedures
- Opportunities for industry, regulators, various government agencies, First Nations, stakeholders, researchers and the public to supply input on priority areas of investigation
- Promotion and solicitation of projects that correspond with the priorities identified for the Fund
- Engagement of local communities and First Nations in Fund opportunities
- Timely response to applications to the Fund
- Quality assurance and review mechanisms appropriate to each project and funding envelope



Fund Priorities

CAPP and SEPAC have committed to contribute approximately \$1 million per year to the Fund. The OGC Board of Directors, with the advice of the OGC Advisory Committee, has approved the following funding priorities for each funding envelope as follows:

Envelope	% of Fund
Health and Safety	25
Ecosystem & Cumulative Impact Management	40
Engineering & Technology	12.5
Education & Extension	12.5
Community Environmental Knowledge	10



Research & Funding Envelopes

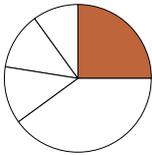
HEALTH AND SAFETY ENVELOPE

The purpose of this envelope is to promote research that advances oil and gas industry practices related to health and safety. It supports projects that focus on:

- Protecting the health of the public and all living things
- Ensuring effective and efficient preparedness in the case of emergencies

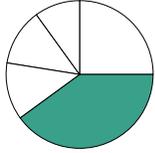
Areas of Interest:

- Impacts of oil and gas operations on the health of humans, livestock, wildlife and fish
- Emergency preparedness and response plans
- Air emissions monitoring, modelling and management
- Monitoring of environmental impacts due to sour gas
- Water contamination from oil and gas operations (e.g., drilling muds, sumps, etc.)



ECOSYSTEM & CUMULATIVE IMPACT MANAGEMENT ENVELOPE

The purpose of this envelope is to promote studies that advance understanding and management of the cumulative effects of oil and gas activities on natural systems. It supports projects that focus on:



- Establishing practical, science-based frameworks, approaches and tools for the management of cumulative impacts of oil and gas exploration and development on ecosystems, valued resources and species of Northeast British Columbia
- Integrating these approaches with: social, economic and cultural values; traditional knowledge of local communities and First Nations; and, resource management plans and sustainability strategies established by government agencies

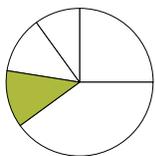


Areas of Interest:

- Cumulative effects indicators and thresholds applicable to valued ecosystem components of Northeast BC
- Ready-to-use tools and methods for identification, mitigation and restoration of cumulative impacts
- Baseline monitoring and studies of long-term change to air, water, soils, vegetation and wildlife
- Integration of science-based approaches to land management with community and/or First Nations' based values and traditional knowledge
- Ecosystem, habitat and wildlife management for the avoidance, mitigation and reduction of the aggregate footprint of the impact of oil and gas activities

ENGINEERING AND TECHNOLOGY ENVELOPE

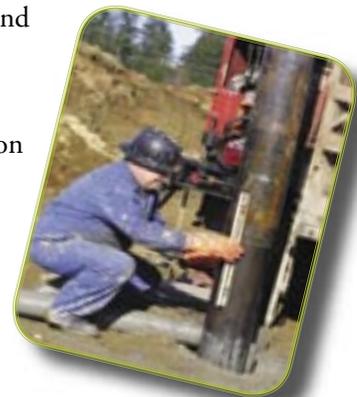
The purpose of this envelope is to promote research associated with engineering and technological innovations that minimize the impacts of oil and gas activities on the environment and communities. It supports projects that focus on:



- Reducing and managing emissions to air, land and water
- Rehabilitating land and water bodies disturbed by oil and gas activities

Areas of Interest:

- Facility and well test flaring impact and overall reduction in quantity
- Disposal and clean up of wastes and contaminants
- Rehabilitation/reclamation of disturbed lands
- Pipeline integrity management (downstream and upstream)
- Greenhouse gas reduction at source and via sinks



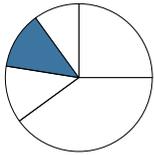
EDUCATION AND EXTENSION ENVELOPE

The purpose of this envelope is to support projects that will:

- Promote an understanding of the impacts and mitigation of oil and gas development on the land base
- Enhance the ability of industry, stakeholders and First Nations to communicate regarding activities, research findings and priorities associated with the Fund
- Promote extension of the findings of research associated with the Fund

In keeping with the purposes of this envelope, the Fund has not identified specific areas of interest; rather, it will give consideration to proposals from interested First Nations, communities, organizations or individuals.

The communication of project results and their application to industry regulations will be a priority.



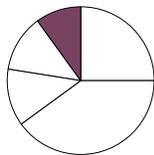
COMMUNITY ENVIRONMENTAL KNOWLEDGE ENVELOPE

The purpose of this envelope is to promote projects that document and demonstrate the application of traditional ecological knowledge (TEK) to oil and gas development planning and decision making.

TEK is considered to be held by any of the following: First Nations, resource-based communities, or resource users.

Areas of Interest:

- Cultural or traditional land use
- The impacts of oil and gas related developments on heritage and archaeological resources
- Projects that promote the incorporation of First Nations' and community values, including TEK perspectives, into cumulative impact management, reclamation or protection of special sites





Activities to Promote The Fund

A range of activities are undertaken to advance the purpose and objectives of the SCEK Fund, including:

- Outreach and consultation with key stakeholders (e.g., industry, government, First Nations, researchers and local communities)
- Development of application and selection procedures for soliciting, screening and reviewing projects for funding
- Collation of information on the Fund as well as information resulting from the research in formats appropriate to different stakeholders and audiences (e.g., research bulletins, guidance notes on best practices, updates and newsletters)



Fund Governance

Pending review



Fund Application and Selection Procedures

Pending review

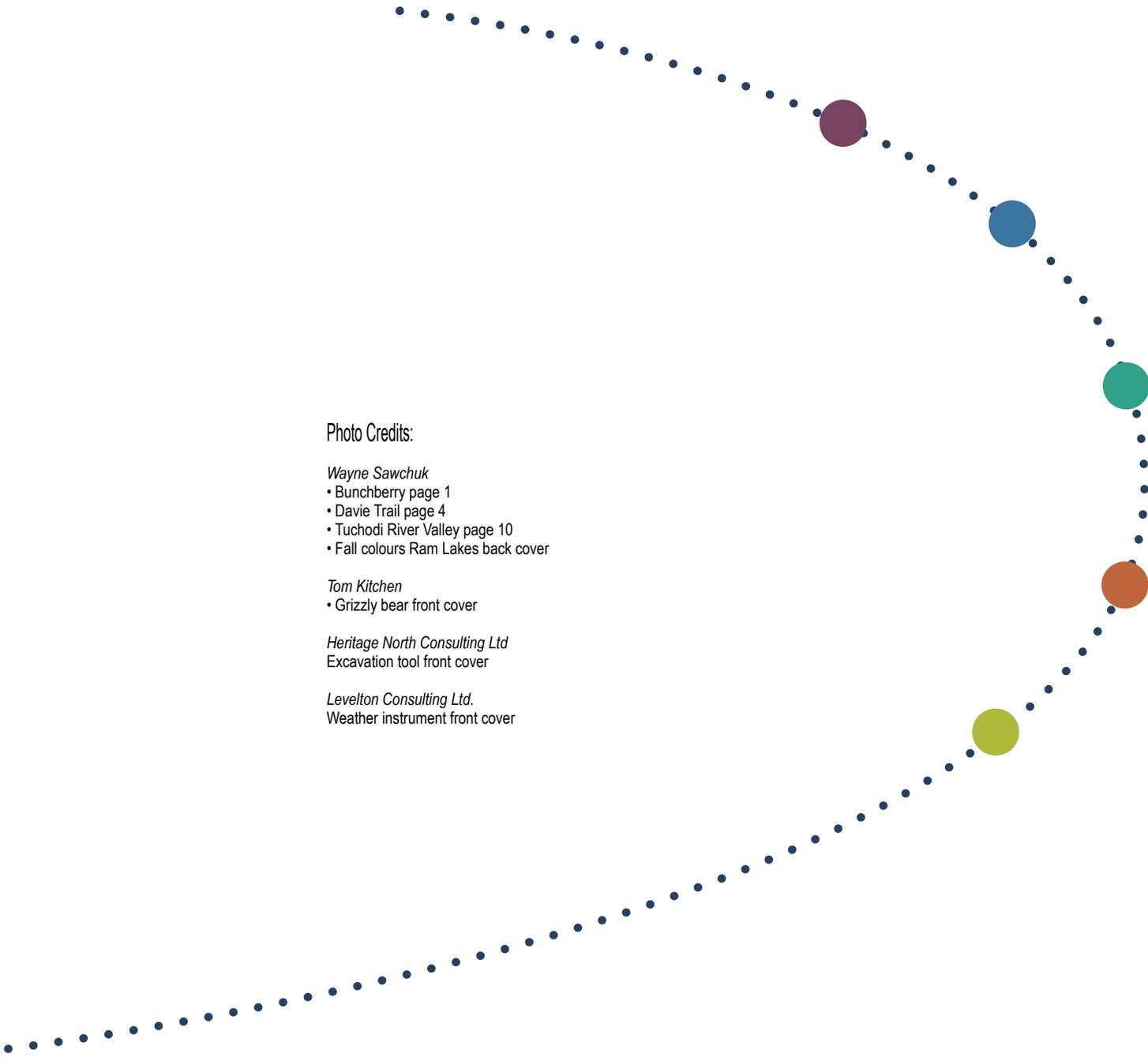


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Environmental Knowledge Fund**



Oil and Gas Commission

200 – 10003 110th Avenue
Fort St. John, BC
V1J 6M7

Phone: 250-261-5700

Web: www.ogc.gov.bc.ca