

Learning for a Sustainable Future (LSF)

Annual Report 2001

Message to the Stakeholders

LSF's mandate responds to the recommendations of the United Nations Conference on the Environment and Sustainable Development held in Rio de Janeiro in 1992. During the Conference, the global plan of action called *Agenda 21* was developed. *Agenda 21* emphasizes the role of education in the promotion of sustainable development as a key in learning for the whole society.

LSF achieved significant progress toward its mission in 2001, completing its tenth year of efforts to integrate sustainable development education (SDE) into the Canadian school system. Many world events in 2001 demonstrated that achieving a sustainable future, in which protection of the natural environment, economic prosperity and social justice are pursued simultaneously to ensure the quality of life of present generations and to secure the well being of generations to come, must become a global priority.

It is well accepted that education has a major role in achieving a sustainable future. LSF has achieved much in the last decade; its leadership in supporting youth and educators from kindergarten to Grade 12 across Canada has been well documented during this time. Early work focused on identifying the knowledge, skills, attitudes and values of a citizen of the future in a sustainable society. This led to working with educators across Canada to advance the education system through its policies and curricula to produce graduates who would eventually become those citizens.

LSF expanded by developing teaching materials and educational workshops to further the integration of sustainable development concepts into education. In eight cities across Ontario, LSF piloted Sustainable Community Institutes, which bring together youth and educators with representatives of the broader community including NGOs, businesses and governments, to create local action projects to bring the sustainable future that much closer. Enhanced SDE opportunities have been developed, maintained and delivered to add content to the existing education system. Through these activities, LSF has developed a network of sustainable development education experts.

In 2001, LSF's Board of Directors up-dated the organization's vision, mission and strategy to reflect the future direction of sustainable development education.

LSF's activities in the past decade have developed specific expertise that can be effectively focused in five programs to create an integrated framework approach to achieve a sustainable future through education. These programs are:

1. Advancing SDE policies and curricula
2. Supporting SDE for youth and educators
3. Developing Sustainable Community Institutes
4. Enhancing SDE opportunities
5. Building an effective SDE network

These programs provide a continuum of SDE activities that will facilitate a sustainable future through education. LSF's focus will be on identifying areas across Canada where LSF's programs can fill in the educational gaps, while maintaining and enhancing its abilities in the field of SDE policies and curricula. LSF's operational strategy is based on being flexible, stakeholder-driven and achieving a pan-Canadian approach — directly when necessary, but preferably through partnerships. Delivering the integrated framework programs in the most effective and efficient way possible is a key guiding principle for LSF.

The Next Phase:

Canadians now know the concept of sustainability, though its implications for a path to solutions have only begun to be explored. Positive changes are occurring, including how we manage resources, dispose of waste and plan for the preservation of species. Increasingly, industry is changing practices that pollute and exhaust the environment. The research, government, university and other communities are addressing the critical need for information that will bring about sustainable development.

LSF has a crucial role to play, using its integrated framework approach to sustainable development education, identifying gaps that need to be filled and working with partners who are committed to life-long learning for a sustainable future.

In May of 2001, our founding Chair, Jack M. MacLeod, passed away. All associated with LSF appreciated his commitment to a sustainable future and to LSF itself. In the coming years, LSF will build on the base he helped so much to establish and move forward to complete its mission.

On a personal note, I would like to thank Barry Carbol who acted as Interim Chair of LSF until my election in February 2002. I would also like to thank all of our collaborators, members and supporters for their dedication to LSF's vision and mission in 2001. In particular, I would like to acknowledge the efforts of both Martine Brunet and Pamela Schwartzberg in the last year.

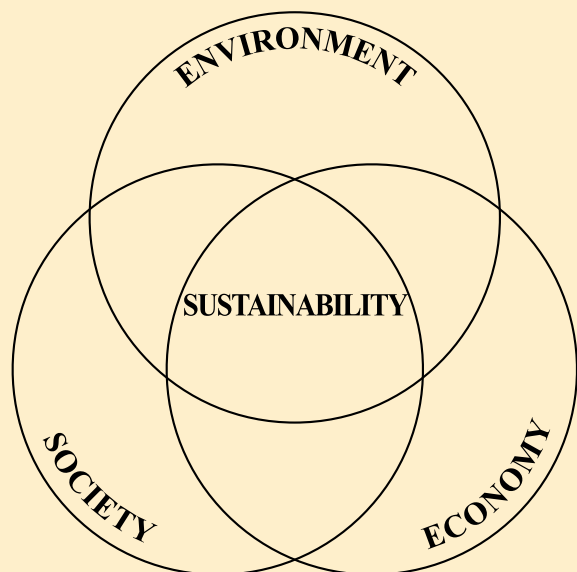
Andrew T.B. Stuart
Chair of the Board of Directors

The LSF Board of Directors and staff were deeply saddened by the passing of our founding Chair, Jack M. MacLeod, in 2001.

Jack was a tireless supporter of LSF and, more importantly, was a strong advocate for the development of sustainable practices in industry and Canadian society in general. He believed that our young people would forge the way to a sustainable future and that education plays an essential role in the development of a society that values sustainability.

Former Shell Canada Ltd. president and chief executive, Jack was a business leader and volunteer, known as one of the first in his industry to embrace the concept of sustainable development. He was also a member of the National Round Table on the Environment and the Economy, the advisory committee for the auditor general's Climate Change Audit, and director of the International Institute for Sustainable Development (IISD). Jack's leadership of the important work that LSF has undertaken will be missed.

VISION



Through education, LSF is committed to a sustainable future in which protection of the natural environment, economic prosperity and social justice are pursued simultaneously to ensure the quality of life of present generations and secure the well being of generations to come.

MISSION

LSF will lead and advance knowledge, understanding and adoption of sustainable development practices in Canada by influencing curriculum development and policies for grades K through 12, and the professional development of educators. We will also facilitate the creation of partnerships and community based networks composed of educators, students, community and business representatives, and individuals.

LSF IS A UNIQUE PAN-CANADIAN NGO THAT:

- Promotes, through education, the knowledge, skills, attitudes and values essential to a sustainable future
- Promotes a balanced approach to sustainability that empowers individual decision making and actions
- Applies an integrated framework that creates local involvement and leadership opportunities for its stakeholders to accelerate the process of achieving a sustainable future through education
- Carries out its mission in a transparent, accountable and credible fashion to its stakeholders

Activities in 2001

Program activities and organization involvement in 2001 and goals for 2003

	2001	2003
Newfoundland and Labrador	✓	✓
Nova Scotia		✓
New Brunswick	✓	✓
Prince Edward Island	✓	✓
Québec	✓	✓
Ontario	✓	✓
Manitoba	✓	✓
Saskatchewan		✓
Alberta	✓	✓
British Columbia	✓	✓
Nunavut		✓
Northwest Territories	✓	✓
Yukon		✓

In 2001, LSF has continued to build its portfolio of activities that enable its stakeholders to achieve a sustainable future through education. As part of its integrated framework, the activities undertaken by LSF include the following:

1- Advance Education Policies and Curricula

In order to ensure that sustainability is incorporated into the provincial curricula, LSF has:

- participated and continues to participate with the York University Faculties of Education and Environmental Studies and York Region School Board in the development of a Grade 10 Civics Curriculum Module, which will be shared by a consortium of nine Ontario school boards and with the Ontario Ministry of Education Interdisciplinary Studies Curriculum Document Feedback Team;
- presented its workshop and materials to the Ontario Teachers' Federation / Subject Associations Curriculum Forum.

2- Support Youth and Educators in Sustainable Development Education Activities

LSF has provided several SDE workshops:

Newfoundland and Labrador

- In April, three awareness-raising workshops on climate change for the teachers and students of the Francophone school board of Newfoundland and Labrador with funding support of one of LSF's corporate donors.

New Brunswick Anglophone

- In February, three workshops were presented to approximately 40 grade 11 and 12 teachers of Environmental Science that focused on teaching a unit on sustainable development, which is part of the Environmental Science curriculum;
- In March, three workshops for approximately 80 Grade 2 Science teachers focused on "Air and Water in the Environment", one of four units in the new Grade 2 Science curriculum; and a provincial workshop on teaching about climate change for grade 11 and 12 Geography teachers. This workshop was held in conjunction with a conference on climate change sponsored by the NB Round Table on the Environment and the Economy;
- Several workshops have been conducted in cooperation with the Tantramar Wetlands Centre. In October a workshop with 30 Grade 7 Science teachers was held to help them implement the new curriculum, which focuses in part on "Interactions in the Ecosystems." Three regional workshops on forestry in cooperation with the New Brunswick Forest Products Association were presented to approximately 55 teachers.

New Brunswick Francophone

- Three workshops on climate change were held for approximately 60 teachers in St-Quentin, Tracadie-Sheila and Shédiac in February and March. The workshops were organized by LSF with the help of a representative of Environment Canada;
- An important Workshop-Conference on Climate Change was held in Edmunston in August, gathering together 200 teachers;
- Four workshops were delivered in October to approximately 70 teachers with the help of the New

Brunswick Forest Products Association. LSF consultants in New Brunswick attended meetings of the Prime Minister's Round Table in March and June;

- It is worth mentioning that in all the French workshops delivered in New Brunswick, LSF had tremendous support from the Meteorological Services of Environment Canada.

Québec

LSF produced an information kit titled *Les Enjeux du développement durable dans les pays en développement* with a *Guide à l'intention des enseignantes et des enseignants* to raise teachers' and secondary school students' awareness of the issues of sustainable development in developing countries. This pedagogical material, developed with the financial help of the Fondation Jules et Paul-Émile Léger, presents the problem of sustainable development issues by describing and enumerating the existing barriers to ecological, economic and social sustainability in developing countries.

The Brundtland Green Schools (EVB), along with LSF, presented two one-day workshops for secondary school teachers in the Québec City region. They explored what is understood by a sustainable future at the global level.

Ontario

- In May, a sustainability workshop to educators at the Ontario Society for Environmental Educators Conference (OSEE);
- In September, a workshop to the Council of Outdoor Educators of Ontario;
- In October, a sustainability workshop at the Ontario Association for Geography and Environmental Educators (OAGEE) conference.

Yukon

- In July, two workshops at the EECOM Conference in Whitehorse, to Canadian educators.

National Environmental Education Curriculum Assessment:

The scope of this project, done in collaboration with Destination Conservation of Edmonton, Alberta, is to provide a national assessment of all environmental topics for all provincial and national curricula. Within the framework of this project, LSF is developing an on-line tool to provide environmental education organizations and publishers of educational materials with the necessary information to align their educational materials with provincial and national curricula.

3- Create Sustainable Communities that Link Education to Action

LSF has partnered with communities to develop local action projects by linking educators and youth with their communities:

New Brunswick Anglophone

In March, a provincial workshop on "Sustainable Communities" was organized and delivered to 30 teachers with the help of those responsible for the Canadian Community Atlas website.

Ontario

- London:** a teacher workshop, and a workshop for 500 students in London as part of the London Symposium;
- Sudbury:** two workshops as part of the Roots and Shoots Conference;
- Ottawa:** an Institute on October 3 and 4, where over 250 participants attended the bilingual event, which received support from the City of Ottawa, the Canadian Museum of Nature, Seventh Generation Community Projects, Environment Canada and the four area school boards;
- Kingston:** an Institute on November 26 and 27, where over 100 people attended. LSF will partner with the Southeastern Ontario District Health Council in the delivery of a follow-up Institute in Kingston;
- Sustainable Toronto:** LSF is working with the University of Toronto, the York Centre for Applied Sustainability, the City of Toronto, the Toronto Environmental Alliance, the Canadian Institute for Environmental Law and Policy, and other community groups to link research to community action around sustainability. These groups are partnering in the delivery of the GTA Institute;
- LSF worked with the Community Planning

Committees in Sudbury, Guelph, and Carleton Place to review and fund a series of action projects as a follow-up to the Institutes it delivered.

4- Provide Enhanced Sustainable Development Education Opportunities

Green Street Program (www.green-street.ca)

The primary goal of the Green Street program, a pilot project in Atlantic Canada, Alberta and British Columbia, is to make it easier for teachers and students to choose a pre-screened environmental program that best meets their needs and interests. In order to do this, The J.W. McConnell Family Foundation has helped a selection of environmental education organizations increase their capacity to serve teachers and students more effectively.

The organizations involved include: The Canadian Nature Federation (CNF), The Canadian Parks and Wilderness Society (CPAWS), Clean Nova Scotia, Destination Conservation (DC), Ducks Unlimited Canada, Earth Day Canada, ENJEU, Evergreen, The Green Group, Mouvement des Écoles vertes Brundtland, The Pembina Institute and the Sierra Club of British Columbia.

LSF is acting as Secretariat for the Green Street program and, since the fall 2001 launch of the Green Street program, LSF has coordinated the development of the website and the marketing strategy, acted as the liaison between the Green Street partners and the Foundation, supported the Providers (environmental education organizations), managed the application process and promoted Green Street. Green Street received more than 180 registrations from schools during 2001-2002 and over 4,500 students participated in the program.

The Hurley Island Course — Pathway to Sustainability

Since September 2001, the Toronto District School Board has been offering the two-credit on-line Hurley Island Project to students from Ontario, Alberta and Newfoundland. Student successfully completing the course will receive two Grade-12 credits — information technology and environmental geography.

The Hurley Island courses are currently being rewritten to meet the new Ontario Curriculum Guidelines for Grade 12 Canadian and World Studies — Resource Management and Grade 11 Business: Introduction to Technology in Business. A two-credit version (Business and Canadian and World Studies) and a one-credit version (Canadian and World Studies) of the course are being developed, as well as a series of classroom-based modules. LSF is developing a marketing plan for the national delivery of the new Hurley Island Project.

Development Contest (*Butterfly 208*, www.bp208.ca)

LSF, in partnership with the Canadian International Development Agency (CIDA), has developed a contest for students across Canada about sustainable development issues in developing countries. Contestants will be presented with photos, taken here and abroad, that illustrate situations related to sustainable development issues. Using their imagination as well as suggested reference tools (website, videos, documents, books, etc.), they will be asked to tell the story behind the picture.

5- Build an Effective SDE Stakeholder Network

During 2001, LSF has continued to enhance its website and communication efforts to build awareness, stimulate further action, and ensure the adoption of a sustainable future through education.

Jim Petrie and Ovila Doiron, LSF consultants for New Brunswick, both participated in the meetings of the Round Table's Energy Task Force in June and August and in the Conference on Climate Change of the New England Governors and Prime Ministers of Atlantic Canada.

LSF participated in the EECOM Conference in Whitehorse, Yukon and in the Energy of the Future Conference in Calgary, Alberta. Valuable contacts were made in order to enhance the capacity of LSF to deliver its program in all Canadian provinces and territories.

Financial Statements

Balance Sheet

As at December 31, 2001

Assets	2001	2000
CURRENT ASSETS		
Cash	\$ 29,897	114,197
Short Term Investments	165,397	132,403
Accounts receivable	185,275	225,156
	\$ 380,569	471,756
FIXED ASSETS		
	\$ 1,844	1,177
	\$ 382,413	472,933
Liabilities		
CURRENT LIABILITIES		
Accounts payable and accrued liabilities	\$ 38,320	54,778
Deferred revenue	332,513	286,666
	\$ 370,833	341,444
SURPLUS		
	\$ 11,580	131,489
	\$ 382,413	472,933
Surplus – for the year ended December 31, 2001		
Surplus at the beginning of the year	\$ 131,489	83,069
Excess of (expenses over revenue) revenue over expenses	(119,909)	48,420
SURPLUS AT THE END OF THE YEAR		
	\$ 11,580	131,489
Net assets		
Invested in capital assets	\$ 1,844	1,177
Unrestricted	9,736	130,312
	\$ 11,580	131,489
Revenue and Expenses		
For the year ended December 31, 2001		
REVENUE		
Donations		
Corporations	\$ 83,189	139,394
Non-profit organizations	50,154	35,699
Foundations	234,363	282,932
Individuals	1,400	7,113
	\$ 369,106	465,138
Grants and contributions		
	\$ 148,154	359,470
	\$ 517,260	824,608
OTHER REVENUE		
In-kind revenue	\$ 364,370	342,253
Interest	8,402	4,921
	372,772	347,174
	\$ 890,032	1,171,782
EXPENSES		
Administrative	\$ 129,970	82,081
Butterfly 208 — Contest	13,974	—
Curriculum assessment	19,022	—
Green Street	60,006	—
Atlantic Provinces	3,203	2,916
Manitoba	—	544
New Brunswick	270,759	243,477
Ontario	363,525	317,700
Québec	60,016	31,049
National Program	41,577	20,989
Website	47,889	106,752
Sustainable development strategy for the Arctic Youth	—	24,411
Climate Change Action Fund	—	174,147
Expo 2000	—	112,280
International	—	7,016
	\$ 1,009,941	1,123,362
EXCESS OF REVENUE OVER EXPENSES		
	\$ (119,909)	48,420

The firm of Marcil, Lavallée, Loyer & Partners, Chartered Accountants have rendered a satisfactory audit report. The Audited Financial Statements Report for 2001 is available in LSF's office.

Donors

Since its inception in June 1991, LSF has received cash and in-kind contributions from:

FEDERAL GOVERNMENT/ DEPARTMENTS & AGENCIES

Canadian International Development Agency
 Department of Foreign Affairs and International Trade
 Environment Canada
 Heritage Canada
 Human Resources Development Canada
 Indian and Northern Affairs Canada
 Industry Canada
 Natural Resources Canada
 The Climate Change Action Fund

PROVINCES AND TERRITORIES

Alberta
 British Columbia
 Manitoba
 New Brunswick
 Newfoundland
 Northwest Territories
 Nova Scotia
 Ontario
 Prince Edward Island
 Saskatchewan

FOUNDATIONS AND NON-PROFIT INSTITUTIONS

Canadian Centre for Philanthropy
 Canadian Nuclear Association
 Canadian Pacific Charitable Foundation
 Destination Conservation
 Esso Kids Program
 Fondation Jules et Paul-Émile Léger
 Harold Crabtree Foundation
 Imperial Oil Charitable Foundation
 J.P. Bickell Foundation
 J.W. McConnell Family Foundation
 Laidlaw Foundation
 National Round Table on the Environment and the Economy
 New Brunswick Forest Products Association Inc.
 Noranda Foundation
 Open Learning Agency
 OXFAM-Québec
 Royal Bank Financial Group Foundation
 Suncor Energy Foundation
 TD Friends of the Environment Foundation
 The EJLB Foundation
 The Kahanoff Foundation
 The Ontario Trillium Foundation
 The Richard Ivey Foundation
 The Schad Foundation
 The Simons Foundation
 University of Toronto
 York University

PRIVATE SECTOR

Abitibi-Consolidated Inc.
 AGF Group of Funds
 Alis Technologies Inc.
 Asea Brown Boveri Inc.
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 Canadian Hunter Exploration
 Canadian Occidental Petroleum
 Canfor Corporation
 Cascades Inc.
 Chevron Companies
 CIBC
 Consumers Gas
 DuPont Canada Inc.
 Enbridge
 Falconbridge
 Huntsman Corporation Canada Inc.
 Hydro One
 IBM Canada
 Inco Limited
 Maritime Electric
 Mobil Oil Canada
 New Brunswick Power
 Nova Corporation
 PanCanadian Petroleum Limited
 Petro-Canada
 Placer Dome Canada Limited
 Power Corporation
 Scotia Bank
 Shell Canada Limited
 Sunlife Assurance Company of Canada
 TD Bank Financial Group
 TransAlta Corporation
 TransCanada
 Trimac Corporation
 Union Gas/Centra Gas Ontario
 Wascana Energy Inc.
 Weston/Loblaw Group of Companies

Notes:

- This list includes donations of \$5,000. and more.
- All donors are listed on LSF's website at www.schoolnet.ca/future/about/donors/content.htm.

Integrated Framework

LSF's core program strengths are linked in an Integrated Framework. This includes five programs involving sustainable development education:

1. Advance Education Policies and Curricula

A program to advance national, provincial and territorial policies and curricula to ensure sustainability is incorporated in a balanced and timely fashion.

2. Support SDE for Youth and Educators

A program to provide Educator Workshops, both in person and on-line (as available), to build the knowledge, skills, attitudes and values necessary to enable educators and associated stakeholders to integrate sustainability into the lives of our youth.

3. Create Sustainable Communities — Linking Education to Action

A program to create annual Sustainable Communities Institutes across the country that will stimulate youth involvement in local sustainability activities. LSF will partner with local organizations to bring the communi-

ty into the classroom and the classroom out to the community. Local action projects will be developed by linking educators and youth with community, business and government partners.

4. Enhance Sustainable Development Education Opportunities

A program to develop and deliver enhanced education programs that provide in-depth investigations that involve youth and educators in sustainability activities and develop knowledge. Examples include participation in the Hurley Island credit course, the Green Street Project and other content that LSF can develop or acquire.

5. Build an Effective Stakeholder Network

A program for building a network of stakeholders that can effectively support LSF activities. Stakeholders include youth, educators, businesses, governments and affiliated NGOs.

Together We Are More Effective

LSF invites partners to share our vision and mission:

- LSF can facilitate your effective input and participation in LSF outreach activities — building a sustainable future from all parts of the LSF community: youth, educators, individuals, NGOs, governments and industry
- LSF's Sustainable Development Education Framework and Resource Network could assist your own organization's internal sustainable development education goals

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Toronto, Ontario

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Canadian School Boards Association
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Fredericton, New Brunswick

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The University of Calgary
Calgary, Alberta

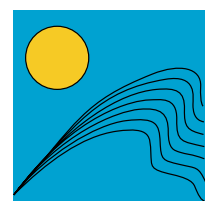
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Director and Vice-President
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Vancouver, British Columbia

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Vice Chair
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Toronto, Ontario

Susan Tanner
Senior Advisor, Gender Equality
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Policy and Communications
Environment Canada
Hull, Québec

Robert C.P. Westbury
Vice-President
Grant McEwan College
Edmonton, Alberta



Learning for a Sustainable Future (LSF)

LSF is a Registered Charitable Organization

Registration Number: 135549517RR0001

215 Cooper Street, 3rd Floor
Ottawa, Ontario K2P 0G2
Phone: (613) 562-2238
Fax: (613) 562-2244
E-mail: lsf.org@sympatico.ca
Internet: www.schoolnet.ca/learning

Toronto office:
220 McLaughlin College, York University
4700 Keele Street, North York, Ontario M3J 1P3
Phone: (416) 327-2032
Fax: (416) 327-2197
E-mail: rubinoff@yorku.ca

Coordination: Martine Brunet

Layout: Céline Leduc

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