

SUPPLEMENT TO  
THE 2003 ANNUAL REPORT

Sustainable Development Technology Canada



SUSTAINABLE DEVELOPMENT  
TECHNOLOGY CANADA™

Partnering for real results.

## **Supplement to the 2003 Annual Report**

Within the terms and conditions of the Funding Agreement executed March 31, 2004, SDTC is required to provide, in addition to the annual report, a supplement to the annual report that Canada will be entitled to make public and to table in Parliament with the annual report.

Within this supplement, SDTC has provided the required information.

- 1) SDTC to provide an evaluation by Market Sector, of the Project Impact of each Funded Project completed during the year in review.

**No projects were completed in fiscal year 2003.**

- 2) SDTC to provide an evaluation by Market Sector, of the Market Impact of each Funded Project, whose final market review was completed during the year in review.

**No projects were completed in fiscal year 2003.**



- 3) For each Funded Project, (a) the amount of funding announced by the Foundation and, where a Funded Project is completed during the year, (b) the total amount provided by the Foundation for the Funded Project.

a) Lead Consortia Member	Funding Round	Announced SDTC Funding	% of Total Eligible Project Costs
Carmanah Technologies Inc.	Round 1- 2002-A	\$500,000	34%
NOVA Chemicals Corporation	Round 1- 2002-A	\$700,000	33%
Bio-Terre Systems Inc.	Round 1- 2002-A	\$864,375	36%
CO2 Solution inc.	Round 1- 2002-A	\$1,000,000	15%
Mabarex inc.	Round 1- 2002-A	\$1,190,000	35%
Suncor Energy Inc.	Round 1- 2002-A	\$1,000,000	21%
Westport Innovations	Round 1- 2002-A	\$1,000,000	25%
DynaMotive Energy Systems Corporation	Round 2 -2002-B	\$5,000,000	42%
Energem Technologies Inc.	Round 2 -2002-B	\$750,000	36%
Ensyn Technologies, Inc	Round 2 -2002-B	\$2,000,000	23%
Highmark Renewables Inc.	Round 2 -2002-B	\$1,000,000	13%
IBC Technologies Inc.	Round 2 -2002-B	\$266,000	23%
Mikro-Tek Inc.	Round 2 -2002-B	\$500,400	13%
University of New Brunswick	Round 2 -2002-B	\$260,000	42%
ZENON Environmental Inc.	Round 2 -2002-B	\$1,760,000	33%
Radiant Technologies Inc.	Round 2 -2002-B	\$1,000,000	18%
Vizon SciTech Inc. (formerly BC Research)*	Round 2 -2002-B	\$525,000	33%
Blue-Zone Technologies Ltd.	Round 3-2003-A	\$2,700,000	33%
Hydrogenics Corporation	Round 3-2003-A	\$1,560,000	44%
Paradigm Environmental Technologies Inc.	Round 3-2003-A	\$250,000	31%
Cellex Power Products, Inc.	Round 3-2003-A	\$2,000,000	22%
SaskPower	Round 3-2003-A	\$1,600,000	27%
Quantiam Technologies Inc.	Round 3-2003-A	\$1,450,000	13%
RailPower Technologies Corp.	Round 3-2003-A	\$1,500,000	23%
BET Services Inc.*	Round 3-2003-A	\$3,080,000	22%
PyroGenesis Inc.*	Round 3-2003-A	\$4,762,000	40%
Cansolv Technologies Inc.*	Round 3-2003-A	\$1,520,000	33%
<b>2003 Portfolio Total</b>		<b>\$39,737,775</b>	<b>27%</b>

\* NOTE: Amounts for these projects are based on approved project values; contract to be finalized.

- b) No projects were completed in fiscal year 2003.



- 4) SDTC to provide for each Funded Project, (a) the Eligible Project Costs announced by the Foundation and, where a Funded Project is completed during the year, (b) the total Eligible Project Costs for that Funded Project.

a) Lead Consortia Member	Funding Round	Total Eligible Project Costs
Carmanah Technologies Inc.	Round 1- 2002-A	\$1,454,000
NOVA Chemicals Corporation	Round 1- 2002-A	\$2,100,000
Bio-Terre Systems Inc.	Round 1- 2002-A	\$2,375,000
CO2 Solution inc.	Round 1- 2002-A	\$6,829,961
Mabarex inc.	Round 1- 2002-A	\$3,420,000
Suncor Energy Inc.	Round 1- 2002-A	\$4,806,501
Westport Innovations	Round 1- 2002-A	\$4,043,300
DynaMotive Energy Systems Corporation	Round 2 -2002-B	\$11,900,000
Energem Technologies Inc.	Round 2 -2002-B	\$2,058,945
Ensyn Technologies, Inc	Round 2 -2002-B	\$8,833,790
Highmark Renewables Inc.	Round 2 -2002-B	\$7,583,825
IBC Technologies Inc.	Round 2 -2002-B	\$1,171,270
Mikro-Tek Inc.	Round 2 -2002-B	\$3,871,600
University of New Brunswick	Round 2 -2002-B	\$622,200
ZENON Environmental Inc.	Round 2 -2002-B	\$5,334,000
Radiant Technologies Inc.	Round 2 -2002-B	\$5,500,000
Vizon SciTech Inc. (formerly BC Research)*	Round 2 -2002-B	\$1,593,225
Blue-Zone Technologies Ltd.	Round 3-2003-A	\$8,100,000
Hydrogenics Corporation	Round 3-2003-A	\$3,545,182
Paradigm Environmental Technologies Inc.	Round 3-2003-A	\$818,000
Cellex Power Products, Inc.	Round 3-2003-A	\$9,026,000
SaskPower	Round 3-2003-A	\$5,900,000
Quantiam Technologies Inc.	Round 3-2003-A	\$11,508,416
RailPower Technologies Corp.	Round 3-2003-A	\$6,454,550
BET Services Inc.*	Round 3-2003-A	\$14,050,000
PyroGenesis Inc.*	Round 3-2003-A	\$11,900,000
Cansolv Technologies Inc.*	Round 3-2003-A	\$4,562,000
<b>2003 Portfolio Total</b>		<b>\$149,361,765</b>

\* NOTE: Amounts for these projects are based on approved project values; contract to be finalized.

- b) No projects were completed in fiscal year 2003.



- 5) SDTC to provide the aggregate amount of the Eligible Recipient's funding contribution to cover Eligible Project Costs of each Funded Project.

Lead Consortia Member	Funding Round	Recipient's SDTC Funding	% of Total Eligible Project Costs
Carmanah Technologies Inc.	Round 1- 2002-A	\$954,000	66%
NOVA Chemicals Corporation	Round 1- 2002-A	\$1,029,000	49%
Bio-Terre Systems Inc.	Round 1- 2002-A	\$970,974	41%
CO2 Solution inc.	Round 1- 2002-A	\$2,557,960	37%
Mabarex inc.	Round 1- 2002-A	\$1,980,000	58%
Suncor Energy Inc.	Round 1- 2002-A	\$2,306,501	48%
Westport Innovations	Round 1- 2002-A	\$2,306,525	57%
DynaMotive Energy Systems Corporation	Round 2 -2002-B	\$6,900,000	58%
Enerkem Technologies Inc.	Round 2 -2002-B	\$1,077,147	52%
Ensyn Technologies, Inc	Round 2 -2002-B	\$3,233,790	37%
Highmark Renewables Inc.	Round 2 -2002-B	\$4,175,325	55%
IBC Technologies Inc.	Round 2 -2002-B	\$888,850	76%
Mikro-Tek Inc.	Round 2 -2002-B	\$3,371,200	87%
University of New Brunswick	Round 2 -2002-B	\$345,800	56%
ZENON Environmental Inc.	Round 2 -2002-B	\$3,574,000	67%
Radiant Technologies Inc.	Round 2 -2002-B	\$4,181,000	76%
Vizon SciTech Inc. (formerly BC Research)*	Round 2 -2002-B	\$1,068,225	67%
Blue-Zone Technologies Ltd.	Round 3-2003-A	\$5,400,000	67%
Hydrogenics Corporation	Round 3-2003-A	\$1,594,182	45%
Paradigm Environmental Technologies Inc.	Round 3-2003-A	\$263,000	32%
Cellex Power Products, Inc.	Round 3-2003-A	\$6,026,000	67%
SaskPower	Round 3-2003-A	\$4,300,000	73%
Quantiam Technologies Inc.	Round 3-2003-A	\$5,858,000	51%
RailPower Technologies Corp.	Round 3-2003-A	\$4,704,550	73%
BET Services Inc.*	Round 3-2003-A	\$10,970,000	78%
PyroGenesis Inc.*	Round 3-2003-A	\$7,138,000	60%
Cansolv Technologies Inc.*	Round 3-2003-A	\$3,042,000	67%
<b>2003 Portfolio Total</b>		<b>\$90,216,029</b>	<b>60%</b>

\* NOTE: Amounts for these projects are based on approved project values; contract to be finalized.



6) SDTC to provide the total amount of funding provided by all other governments to each Eligible Recipient.

Lead Consortia Member	Funding Round	Other Government Funding	% of Gov't and SDTC Funding to Total Eligible Project Costs
Carmanah Technologies Inc.	Round 1- 2002-A	\$0	34%
NOVA Chemicals Corporation	Round 1- 2002-A	\$371,000	51%
Bio-Terre Systems Inc.	Round 1- 2002-A	\$539,651	59%
CO2 Solution inc.	Round 1- 2002-A	\$3,272,001	63%
Mabarex inc.	Round 1- 2002-A	\$250,000	42%
Suncor Energy Inc.	Round 1- 2002-A	\$1,500,000	52%
Westport Innovations	Round 1- 2002-A	\$736,775	43%
DynaMotive Energy Systems Corporation	Round 2 -2002-B	\$0	42%
Enerkem Technologies Inc.	Round 2 -2002-B	\$231,798	48%
Ensyn Technologies, Inc	Round 2 -2002-B	\$3,600,000	63%
Highmark Renewables Inc.	Round 2 -2002-B	\$2,408,500	45%
IBC Technologies Inc.	Round 2 -2002-B	\$16,420	24%
Mikro-Tek Inc.	Round 2 -2002-B	\$0	13%
University of New Brunswick	Round 2 -2002-B	\$16,400	44%
ZENON Environmental Inc.	Round 2 -2002-B	\$0	33%
Radiant Technologies Inc.	Round 2 -2002-B	\$319,000	24%
Vizon SciTech Inc. (formerly BC Research)*	Round 2 -2002-B	\$0	33%
Blue-Zone Technologies Ltd.	Round 3-2003-A	\$0	33%
Hydrogenics Corporation	Round 3-2003-A	\$391,000	55%
Paradigm Environmental Technologies Inc.	Round 3-2003-A	\$305,000	68%
Cellex Power Products, Inc.	Round 3-2003-A	\$1,000,000	33%
SaskPower	Round 3-2003-A	\$0	27%
Quantiam Technologies Inc.	Round 3-2003-A	\$4,200,416	49%
RailPower Technologies Corp.	Round 3-2003-A	\$250,000	27%
BET Services Inc.*	Round 3-2003-A	\$0	22%
PyroGenesis Inc.*	Round 3-2003-A	\$0	40%
Cansolv Technologies Inc.*	Round 3-2003-A	\$0	33%
<b>2003 Portfolio Total</b>		<b>\$ 19,407,961</b>	<b>40%</b>

\* NOTE: Amounts for these projects are based on approved project values; contract to be finalized.



7) SDTC to provide a list of projects which fall under the classification of Climate Change Projects and Clean Air Projects.

Lead Consortia Member	Funding Round	Climate Change Project	Clean Air Project
Carmanah Technologies Inc.	Round 1- 2002-A	Y	co-benefit
NOVA Chemicals Corporation	Round 1- 2002-A	Y	co-benefit
Bio-Terre Systems Inc.	Round 1- 2002-A	Y	co-benefit
CO2 Solution inc.	Round 1- 2002-A	Y	
Mabarex inc.	Round 1- 2002-A	Y	co-benefit
Suncor Energy Inc.	Round 1- 2002-A	Y	
Westport Innovations	Round 1- 2002-A		Y
DynaMotive Energy Systems Corporation	Round 2 -2002-B	Y	co-benefit
Enerkem Technologies Inc.	Round 2 -2002-B	Y	co-benefit
Ensyn Technologies, Inc	Round 2 -2002-B	Y	co-benefit
Highmark Renewables Inc.	Round 2 -2002-B	Y	co-benefit
IBC Technologies Inc.	Round 2 -2002-B	Y	co-benefit
Mikro-Tek Inc.	Round 2 -2002-B	Y	
University of New Brunswick	Round 2 -2002-B	Y	co-benefit
ZENON Environmental Inc.	Round 2 -2002-B	Y	co-benefit
Radiant Technologies Inc.	Round 2 -2002-B	Y	co-benefit
Vizon SciTech Inc. (formerly BC Research)*	Round 2 -2002-B	Y	co-benefit
Blue-Zone Technologies Ltd.	Round 3-2003-A	Y	
Hydrogenics Corporation	Round 3-2003-A		Y
Paradigm Environmental Technologies Inc.	Round 3-2003-A	Y	co-benefit
Cellex Power Products, Inc.	Round 3-2003-A		Y
SaskPower	Round 3-2003-A		Y
Quantiam Technologies Inc.	Round 3-2003-A	Y	co-benefit
RailPower Technologies Corp.	Round 3-2003-A		Y
BET Services Inc.*	Round 3-2003-A	Y	co-benefit
PyroGenesis Inc.*	Round 3-2003-A	Y	
Cansolv Technologies Inc.*	Round 3-2003-A	Y	
SDTC Funding Allocation		\$32,077,775	\$7,660,000
% of Funds Allocated to Climate Change and Clean Air Projects		81%	19%

\* NOTE: Amounts for these projects are based on approved project values; contract to be finalized.



- 8) SDTC to provide a separate list of projects categorized as falling under the hydrogen economy and clean fossil fuels categories.

#### HYDROGEN ECONOMY PROJECTS

Lead Consortia Member	Round	Total Project Cost	SDTC Announced Funding
Vizon SciTech Inc. (formerly BC Research)*	Round 2-2002-B	\$1,593,225	\$525,000
Hydrogenics Corporation	Round 3-2003-A	\$3,545,182	\$1,560,000
Cellex Power Products, Inc.	Round 3-2003-A	\$9,026,000	\$2,000,000
<b>Total</b>		<b>\$14,164,407</b>	<b>\$4,085,000</b>

\* NOTE: Amounts for these projects are based on approved project values; contract to be finalized.

#### CLEANER FOSSIL FUEL PROJECTS

Suncor Energy Inc.	Round 1- 2002-A	\$4,806,501	\$1,000,000
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