



CCSIP Canada-California Strategic Innovation Partnership

A Catalyst for Collaborative Research, Development and Delivery

Realizing the Power of Partnership between California and Canada

The Canada-California Strategic Innovation Partnership (CCSIP) is a catalyst for collaborative Research, Development and Delivery (RD&D) between two innovation-intensive jurisdictions: California, one of the most dynamic innovation engines on earth; and Canada, a leading country in university research intensity.

Drawing on an entrepreneurial and informal process of cooperation, CCSIP is a bilateral collaboration initiative that aims to capitalize on the complementary strengths of Canada and California, and to build on a well-established trade relationship valued at more than \$38 billion in 2007.

With leadership from a highly respected bilateral Steering Committee, and participation from universities, companies and governments on both sides of the border, CCSIP stimulates:

- The development of new models of collaboration between Canada and California that leverage key research capabilities, address common priorities, and accelerate the delivery of research results
- The launch of revolutionary RD&D projects that aim to bring new products and services to market, and deliver economic and social benefits to citizens in both jurisdictions

It is a partnership that is delivering results. Since its inauguration in 2006, CCSIP has helped to enable:

- The launch of the Cancer Stem Cell Consortium, its novel collaboration with the California Institute of Regenerative Medicine, and a pledge of \$100 million from Canada
- The linkage of Canada's and California's high-speed Internet research infrastructure, enabling a variety of new RD&D projects in health care and digital media

CCSIP aims to build on these initial results and evolve the initiative over the coming year. This includes the launch of CCSIP's first Call for Proposals at the 2008 Summit, representing a major step towards achieving the overall objectives of the partnership.

CCSIP Overview

*CCSIP – Greater than the Sum of its
Parts...with the Potential to Deliver
Increasing Returns*



Creating a Formula for Success: 1 + 1 = 3

CCSIP achieves synergy with impact by:

- Capitalizing on internationally-recognized science and technology competencies; R&D expertise; a well-established trading relationship; and other economic, social and cultural attributes shared by Canada and California
- Giving lift to new RD&D projects that aim to facilitate knowledge exchange and the development of highly qualified personnel; technology transfer and commercialization; and economic development and trade opportunities
- Creating a new model for bilateral RD&D collaboration that could be emulated by others

Increasing the Competitiveness of Canada and California

CCSIP facilitates action that helps to achieve the objectives of individual stakeholders, while increasing the international competitiveness of California and Canada. The partnership enables:

- Participating researchers and developers to increase their RD&D capacity by accessing new expertise, research resources, and external sources of investment for research and technology development; by exploring new markets; and by seizing commercial opportunities that might otherwise not be available
- Decision-makers from academia, industry, and governments to support the development of the highly skilled personnel required by companies on both sides of the border; to take action on global sustainability challenges that no one organization, state or nation can solve in isolation; and fund projects that promise to deliver high return
- Investors to source prospective deal flow, specifically new opportunities for technology transfer, licensing and commercialization

Addressing the Priorities of California, Canada and Our World

CCSIP objectives directly support the policy agendas established by the Governments of California and Canada. The following table outlines the priorities and specific RD&D project areas championed by the CCSIP Steering Committee:

Thematic Priorities

Stem Cells and Regenerative Medicine
Information and Communications Technologies
Advanced Transportation and Energy
Nanotechnology
Infectious Diseases
Venture Capital & Intellectual Property
Development of Highly Qualified Personnel

Specific RD&D Project Areas

Cancer Stem Cells
Broadband Internet Connectivity and Applications
Sustainable Energy, including Biofuels
Micro-Macro Interfaces
Global Health
Cross-border Flows
Knowledge Exchange; Training; Research Excellence

Adopting an Entrepreneurial Approach

CCSIP fuels the development of new models of cooperation and the launch of industrially-relevant projects in priority areas by:

- Bringing together research and development leaders, with other academic, industry, government and investment decision-makers from California and Canada
- Creating 'think tanks' for these experts to brainstorm, propose ideas, hatch new projects and initiate the development of project teams and plans
- Fostering an entrepreneurial culture for teams, and inspiring a market-driven mindset, environment and approach to collaboration
- Setting teams up for success by providing guidance on project plans, identifying funding opportunities, and increasing visibility with prospective investors