GenomeAtlantic

2010 Large Scale Applied Research Project Competition

Information Session

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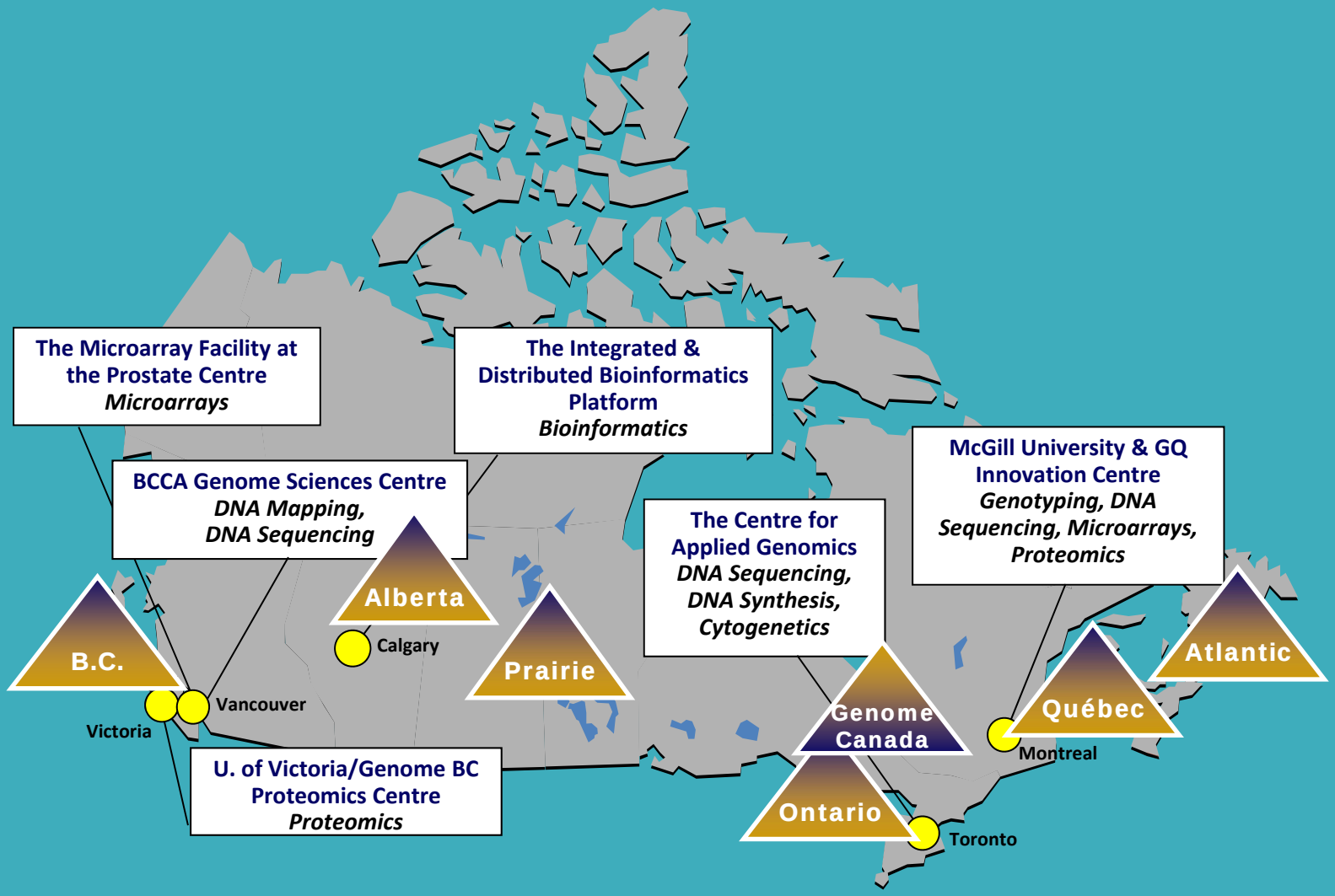
PRESENTATION OVERVIEW

- Who are we & what do we do?
  - Genome Canada
  - Genome Atlantic
- Competition Information
- Key Success Factors

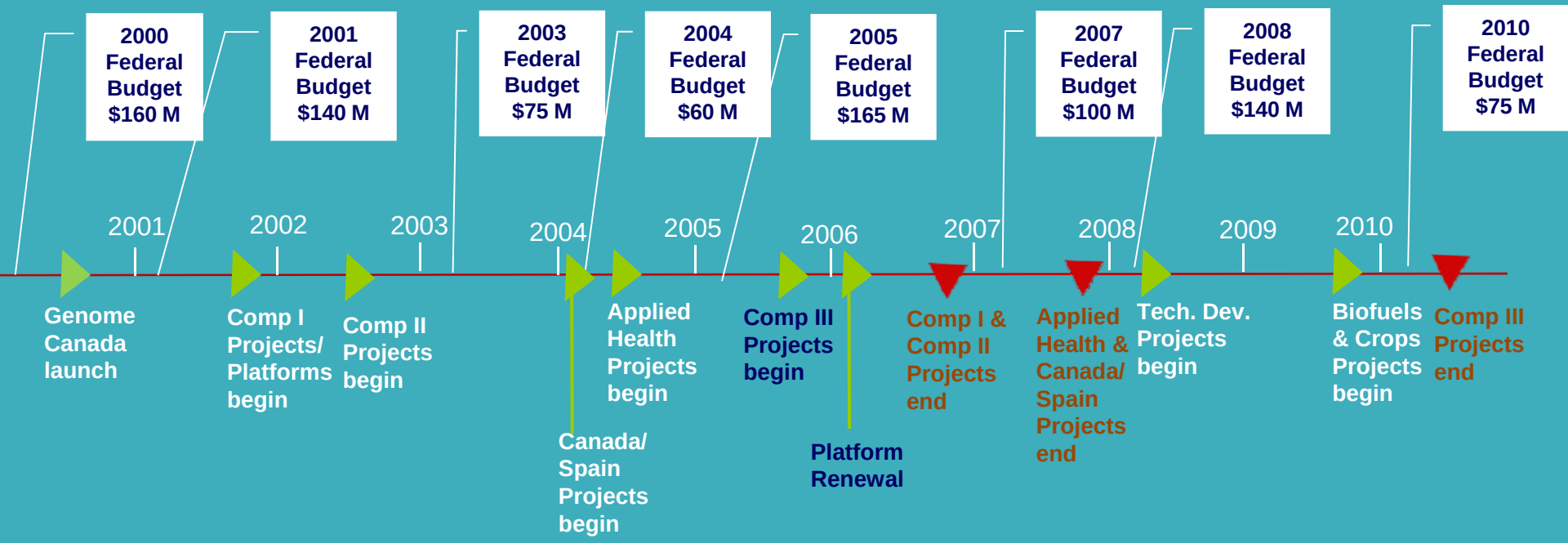
GENOME CANADA OVERVIEW

- Not-for-Profit Corporation
- Focus on “Big Science” (Large-Scale Projects)
- Innovation Centres (TechnologyPlatforms)
- Sectors: Health, Forestry, Environment, Agriculture, Fisheries
- Ensure Leadership in Ethical, Environmental, Economic, Legal and Social Issues Related to Genomics (GE^3LS)
- Provides up to 50% funding for projects
- To date, Genome Canada and their partners have funded nearly $2B in research

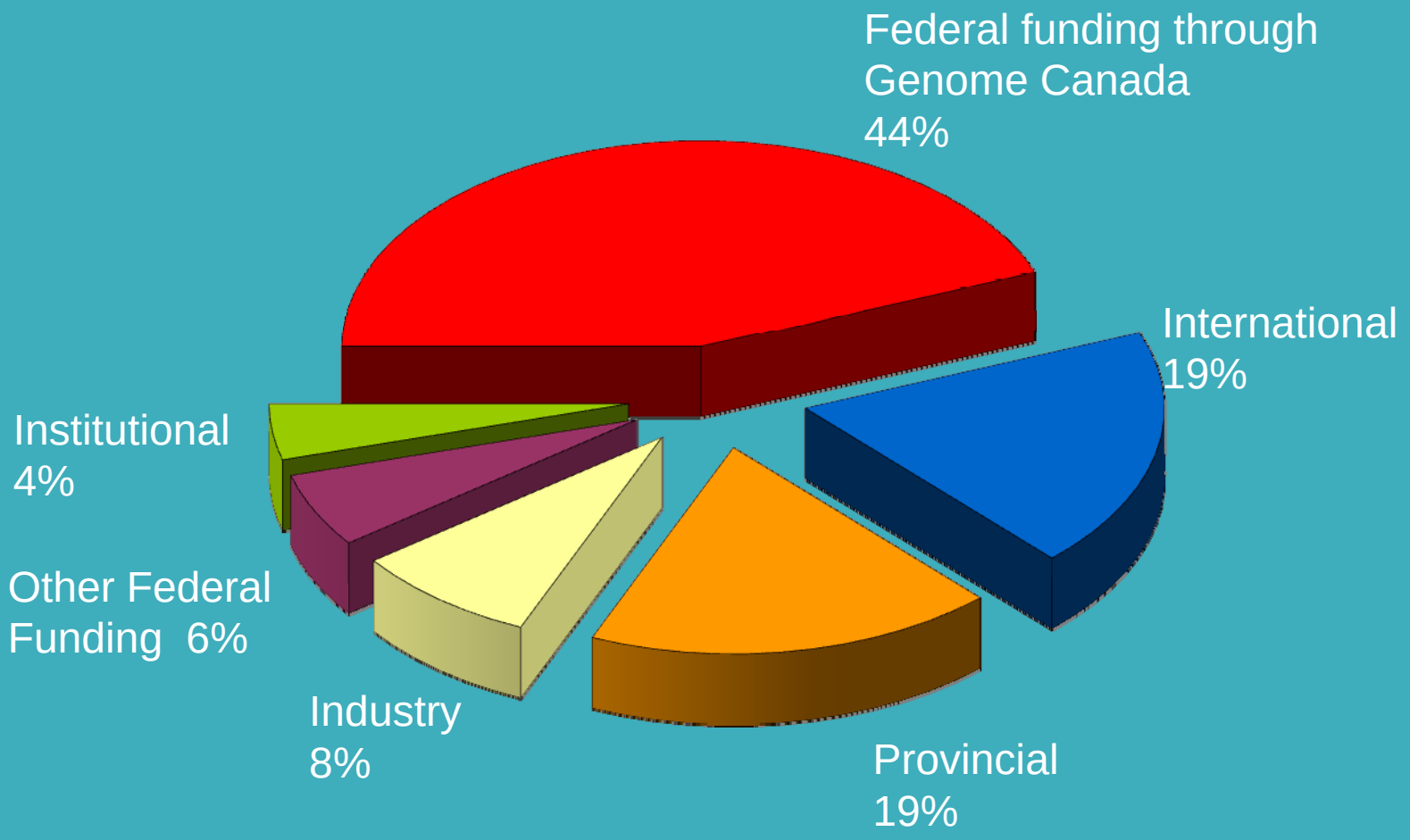
GENOME CENTRES AND INNOVATION CENTRES



FUNDING AND INVESTMENTS



FUNDING SOURCES FOR GENOME CANADA APPROVED PROJECTS



as at May, 2009

GenomeAtlantic

We help develop, invest in and manage large-scale gene discovery projects

10 projects

$68M invested

$3-18M/project

3 - 4 years/project

Our Partners

Genome Canada

Atlantic Canada Opportunity Agency – Atlantic Innovation Fund

Canadian Helicopters

Capital Health

Cooke Aquaculture Inc.

Dalhousie University

Dalhousie University Medical Research Fund

Department of Agriculture, Fisheries and Aquaculture, Province of NB

Department of Innovation, Trade and Rural Development, Government of NL

Department of Health and Community Services, Government of NL

Department of Fisheries and Aquaculture, Government of NL

Fisheries and Oceans Canada

- Aquaculture Collaborative Research Development Program

St. Andrews Biological Station, NB

- Northwest Atlantic Fisheries Centre, NL

Genoma España

Glaucoma Research Foundation

GreatBay Aquaculture Inc.

Huntsman Marine Science Centre

Industry Research and Innovation Fund, Government of NL

IWK Health Centre

Janeway Children's Hospital Foundation

Marshfield Clinic

Memorial University

- Faculty of Medicine
- Faculty of Medicine, Research and Graduate Studies
- Ocean Sciences Centre
- Office of the Vice President

National Institutes of Health

National Research Council Canada - Industrial Research Assistance Program

National Research Council Institute for Marine Biosciences

New Brunswick Innovation Foundation

New Brunswick Research and Productivity Council

Newfoundland and Labrador Centre for Applied Health Research

Newfoundland Cod Broodstock Company

Northern Cod Ventures Limited

Nova Scotia Health Research Foundation

Nova Scotia Research and Innovation Trust

Province of New Brunswick

Province of Nova Scotia

Scotian Halibut

St. Jude Medical

The Atlantic Genome Centre

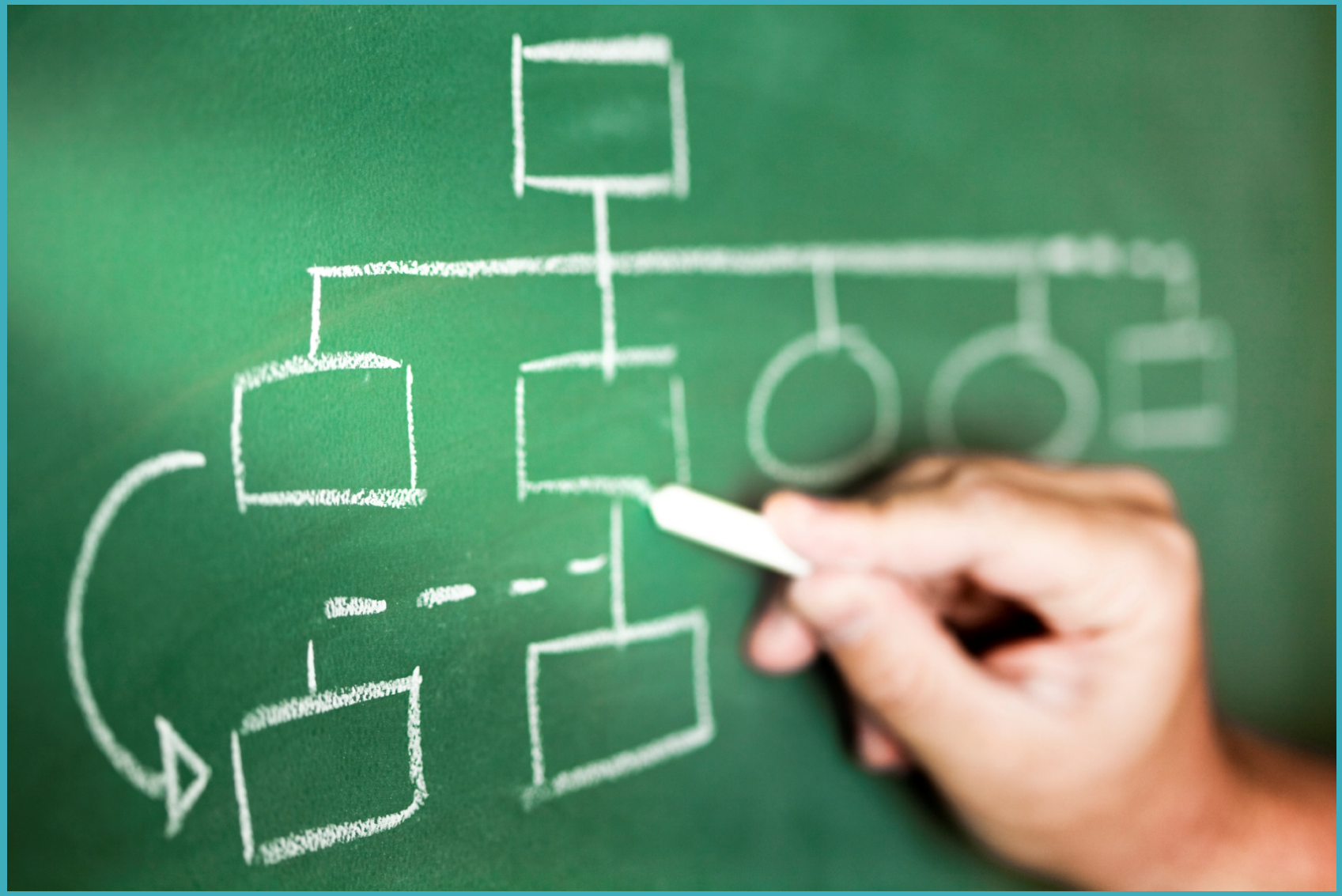
University of British Columbia

University of Guelph

University of New Brunswick

TEAM BUILDERS

DEVELOP THE PLAN



FIND THE MONEY

PROJECT MANAGEMENT

SELECTION MATRIX

- International importance and competitiveness
- Current capacity
- Socio-economic impact potential
- Time to impact
- Alignment with known funding envelopes

CURRENT OPPORTUNITY

- 2010 Large Scale Applied Research Project Competition through Genome Canada
- $60M available
  - Minimum $30M targeted competition in forestry & environment
  - Up to $30M multi-sector competition (agriculture, fisheries, human health)

CURRENT OPPORTUNITY

- Funding award for a term of up to 3 years
- Maximum contribution is $5M
- Must consider GE^3LS aspects of proposed projects

CURRENT OPPORTUNITY

- Emphasis on economic benefit & outcomes
  - Realized or initiated BEFORE the end of the project
  - Job creation or economic growth
  - Development of a product or service
  - Creation of IP leading to potential licenses or start-ups

APPLICATION PROCESS

Registration

- Applicants, scope, research area, approximate budget, relevance to targeted areas
- Eligibility screen, selection of reviewers

Pre-Application

- Short description of research, GE^3LS, benefits to Canada
- High level management, budget & co-funding plan

Full Application

- Fully addresses evaluation criteria (science, finance, management, benefits to Canada etc)

COMPETITION TIMELINES

May 14, 2010	Request for Applications Release of Guidelines
June 15, 2010	Registration
July 15, 2010	Pre-Application due to GA
August 9, 2010	Pre-Application due to GC
September 14, 2010	Results of Pre-Application
November 1, 2010	Full Application due to GA
December 1, 2010	Full Application due to GC
Late January 2011	Face-to-Face Meeting with Review Committee
Mid-February 2011	Decision by GC Board of Directors
Late February 2011	Notification of Award

CO-FUNDING

- 50% of the funding must come from other sources
- Firm commitment of 75% of co-funding is required
- Co-funding must be applied for on or after March 4, 2010
  - Funding applied for before the specified date may be eligible
  - Case by case basis

CO-FUNDING SOURCES

- Institutional funds, trust funds or foundations
- Federal government departments & agencies
  - Exception: CIHR, NSERC, SSHRC & tri-agency programs (i.e NCE, CECR, CRC)
- Provincial and municipal departments & agencies
- Firms, corporations and voluntary organizations
- Individuals
- Venture capital or other investment funds
- Cash preferred, but in-kind is also eligible

ROAD TO SUCCESS

From Proposal Development, Peer Review, Notice of Award to Project Completion

RESPONSIBILITIES

Researchers	• Develop and implement: • Excellent, milestone-driven, integrated research program • A finance and management strategy that will ensure program success
Genome Atlantic	• Provide guidance in preparing project proposals • Work with applicants to secure co-funding • Actively manage funded projects
Genome Canada	• Organize Peer Review Process • Ensure excellent projects are funded • Monitor progress of funded projects

REVIEW OF APPLICATIONS

Expert Review Panel

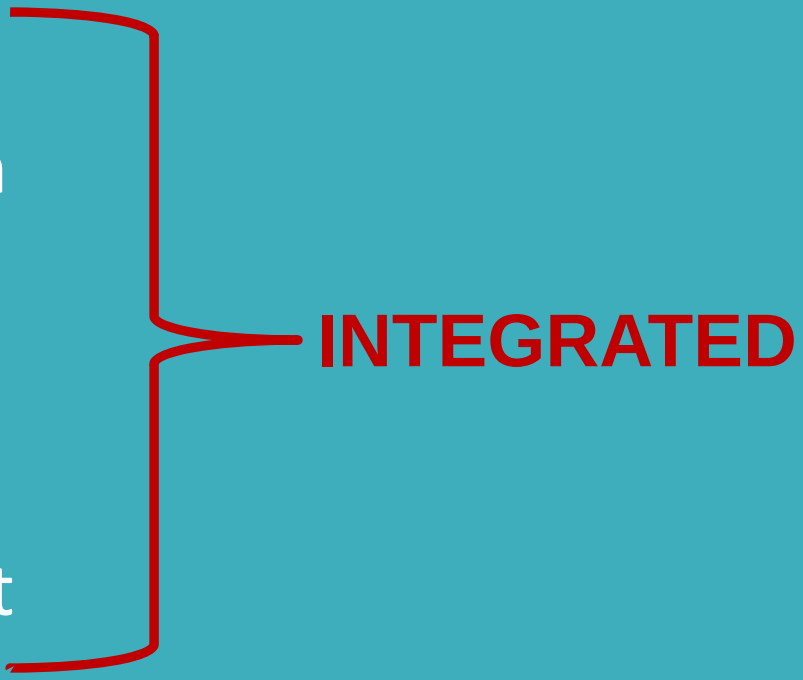
Pre-Application

Full Application

F2F Review Meeting

KEY COMPONENTS OF THE REVIEW PROCESS

- Excellent science
- Milestone-driven research
- GE^3LS
- Benefit to Canada
- Co-funding requirement
- Emphasis on management



WRITTEN PROPOSAL

Guidelines	• Follow them closely • They contain all you need to know
Refer to Request for Applications	• Show how your scale and scope conform to RFA
Balance	• In genomics and applied aspects • In overall vision, quality and cohesion

WRITTEN PROPOSAL

Concise	• Be clear • Avoid too much background, introduction or description
Integrated	• Science, GE3LS, Finance, Management and SAB
Milestones	• Well-defined, quantifiable goals • Realistic timelines and objectives

WRITTEN PROPOSAL

Management Plan	• Strong plan = Strong project
Large-scale experience	• Show track record for managing large-scale projects
Transparent Financials	• Clear, realistic and reasonable • Budget template

WRITTEN PROPOSAL

Co-Funding Plan	• 50% of project
The Right Team	• Show synergies, strengths • Be clear on who's doing what
Benefit to Canada	• How will your project help?

WRITTEN PROPOSAL

GE^{3}LS

- Plan early
- Think ‘integration’
- Consider limiting AND enhancing issues
- Propose research to resolve them
- Let GE^{3}LS and genomics inform each other

F2F PEER REVIEW

Make every second count	• Summarize high level goals • Show project potential and worthiness • Demonstrate excitement about project
Bring the right people	• Make sure all aspects of the project can be discussed by someone
Act like a team	• Show cohesiveness • Work well together
Don’t be defensive	• Be clear • Don’t take it personally • Clarify what they don’t understand

RECIPE FOR SUCCESS

1. Excellent science
2. Superb project management
3. Well-developed and feasible financial plan
4. Comprehensive integration

Must achieve excellence in ALL categories

POST NOTIFICATION OF AWARD

THE FIRST STEP

Submit a 2-pager to GA outlining the key criteria in the selection matrix:

- International importance and competitiveness
- Current capacity
- Socio-economic impact potential
- Time to impact
- Alignment with known funding envelopes

We Welcome Your Questions