


Genome Prairie

Funding Update for Crops

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Brassica Networks Meeting December 10, 2009

Overview

- Genome Canada's "Applied Genomics Research in Bioproducts and Crops (ABC) Competition
 - What went in
 - What came out
- ABC
 - Prairie Perspective
 - Preliminary Post-mortem
- Future Opportunities for Crop Genomics



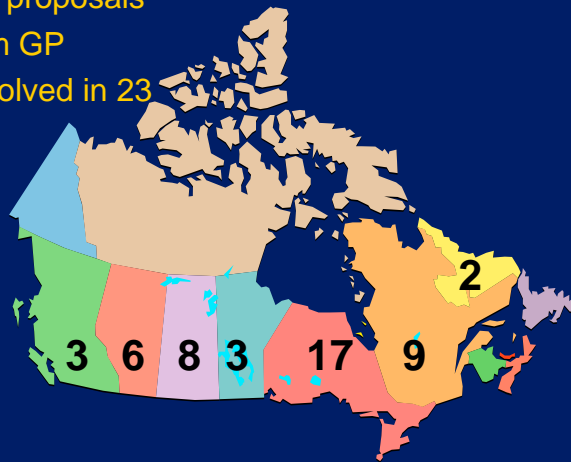
ABC Competition

- Submitted October 3rd, 2008
- Co-funding document deadline
 - November 21, 2008
- GP support
 - Winnipeg Workshop
 - \$20K/proposal
 - 2 x Project Development Assistants
 - Professional writers
 - Meetings and conference calls
 - Ongoing



ABC - in

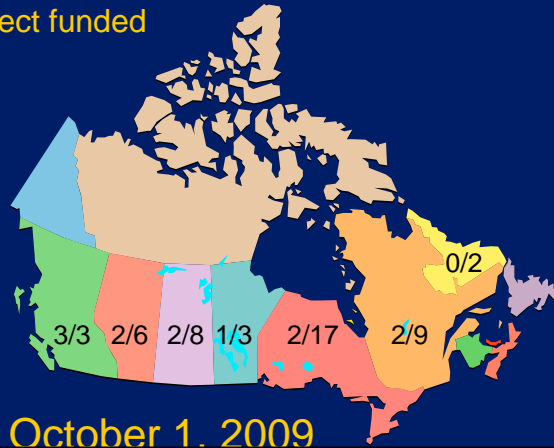
- 56 LOIs
- 48 Full proposals
- 11 from GP
- GP involved in 23



ABC - Result

- Streamlining process
 - 27 proposals moved to full review
 - 12 project funded

5 crops
6 Bio-products
1 GE³LS




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Started October 1, 2009

ABC – Prairie Perspective

- 3/11 proposals funded
 - Rowland/Cloutier (\$12M)
 - Flax Genomics
 - Phillips/Castle (\$5M)
 - GE³LS
 - Levin/Sparling (\$12M)
 - Bioproducts/Metagenomics

- Synthetic Biosystems

- Facchini/Vincent/Covello/Page
- Genome Alberta lead centre


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ABC – Post mortem

- Project Development Support
 - WEPA, Manitoba, U of M
 - \$210,000 in project development funding to GP
 - Summer students to assist with budgets
 - Workshops and travel for co-investigators
 - Professional writers
 - Mock interview with expert panel
 - Travel to review interview in Toronto
- Co-funding leverage
 - 3:1
- No cereals
- No Canola
- No Pulses



Future Funding

- ERA – PG
 - European Research Area – Plant Genomics
 - Canada is a full partner
 - Genome Prairie/Genome Alberta
 - NRC-PBI/AAFC
 - Proposal to EU to be made in January
 - 2010 -2013
 - One or more calls will be made
 - Proposals will be 3 years in length
 - “omics-based technologies answer biological questions of relevance to the development of a strong and competitive European and global bioeconomy”
 - Declaration of Intent



Future Funding

- “SCIENTIFIC AND TECHNOLOGICAL COOPERATION IN PLANT GENOME RESEARCH AS BASIS OF THE KNOWLEDGE BASED BIO-ECONOMY”
- “Plant-KBBE”
- Canada is a full partner through Genome Prairie
 - Germany
 - France
 - Spain
 - Portugal
- Module A – Industry driven consortia (top priority)
 - 3 countries
 - 2 industry partners (not from one country)
- Module B – Application oriented consortia
 - 3 countries
 - interdisciplinary exploratory approaches for innovative plant genome research with a foreseeable application



Future Funding

- Plant KBBE
- Call will be made in January 2010
- On-line application
- Letter of Intent (2 pager)
- Full proposal due in May
- Projects begin in spring of 2011



Future Funding

- Genome Canada
 - Has submitted a funding request to Industry Canada
 - Includes a request for funding a competition in 2010
 - Stay tuned for the federal budget announcement

