

Insights into Research Planning

July 17, 2009

Introduction

Nature of the question

Types of researchers

Research types

Research support organizations

Research organization structure

Nature of the question:

A question directed at advancing knowledge of a basic problem.

A question related to applied knowledge.

Questions that can be solved by an individual

Questions that require a solution by a consortium

Types of researchers

Government.

Industry.

University.

Other.

Types of researchers

All research organizations have a role that is separate from the research conducted

Types of researchers

Government

Conduct research that has long term benefit and high risk

Do not embarrass the minister

Types of researchers

Industry

Develop new products and processes

Help meet regulations

Types of researchers

University.

Write peer reviewed papers
in journals with high impact
factors

Teach students

Attend meetings

Research Structure

Government

AAFC – Too hard to describe

Industry

Small vs. large

Research Structure

University

Department, college and
university

Research Services

Industry Liaison Services

Research types

Public good.
Sponsored.

Nature of the question:

Research that can be conducted with in house resources

Research that requires acquisition of new resources

Selling your concept

- Research requires money.
- Some projects require copious amounts of money

Selling your concept



Research support organizations

Government

Tricouncil

NRCan, AAFC

Provincial bodies

Not for profit agencies

Research support organizations

Industry organizations

Canola Council of Canada

Government funded organizations

SDTC

Genome Canada

Research support organizations



Research support organizations

Industry

Private donors

Bill and Melinda Gates Foundation



DRAGONS DEN

The image features the title "DRAGONS DEN" in a golden, serif font. The word "DRAGONS" is on the top line, and "DEN" is on the bottom line. A large, stylized golden dragon is coiled around the word "DRAGONS". The dragon's head is at the top, facing left, and its body winds through the letters. The background is black, and the text and dragon are illuminated with a golden glow. The entire logo is centered on a white, curved surface that appears to be part of a larger object, possibly a screen or a sign.

Thank you Terry!!!

Candidate Future Roles for GreenCrop?

- Act as source of neutral scientific competency in support of developing and selection of appropriate “benchmarking” data and environmental aspects of landscape activities involved in the production and conversion of biomass to bioproducts
- Assistance in interpreting, collating, selecting, and integrating relevant environmental and agronomic data into appropriate assessment frameworks as required.
- Development of mechanisms for improving environmental performance and conversion efficiencies for first, second, and third generation of biomass

Candidate Future Roles for GreenCrop?

- Development of techniques for reduction, retention and or recovery of key plant nutrients (N,P,K)
- Determination of “cumulative” environmental impacts from multiple “biomass to bioproduct” production regions
- Enhanced collaboration with complementary international partners as appropriate