

Risk and the Critical Infrastructure: Creating Opportunities to Share Best Practices

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IPAC Luncheon
March 28, 2007

The Intention of this Presentation

- Highlight a **new collaboration on risk and critical infrastructure protection (CIP)** between Dalhousie's RBC Centre for Risk Management and the School of Public Administration
- Invite interested parties to **contact us** about the new initiatives
- These slides will be made available at:
 - the IPAC website www.ipac.ca/novascotia
 - The RBC Centre for Risk Management <http://rbcriskmanagementcentre.dal.ca/>

The School of Public Administration at Dalhousie University

- Mission Statement:

“to be a leading regional, national and international centre for teaching, research and community outreach in public policy and management in the public sector”

MPA (M)

Community Outreach

RBC Centre for Risk Management

- “a unique hub of research and ideas, and a focal point for stimulating growth in analysis, measurement and management of risk”

Subject Areas

Finance

Business

Government

Transportation

Environment

Workplace Safety

Critical Infrastructure Protection

The RBC Centre for Risk Management
Dalhousie University

Outputs

Research

Publications

Conferences

Seminars

Workshops

Courses*

*In Development

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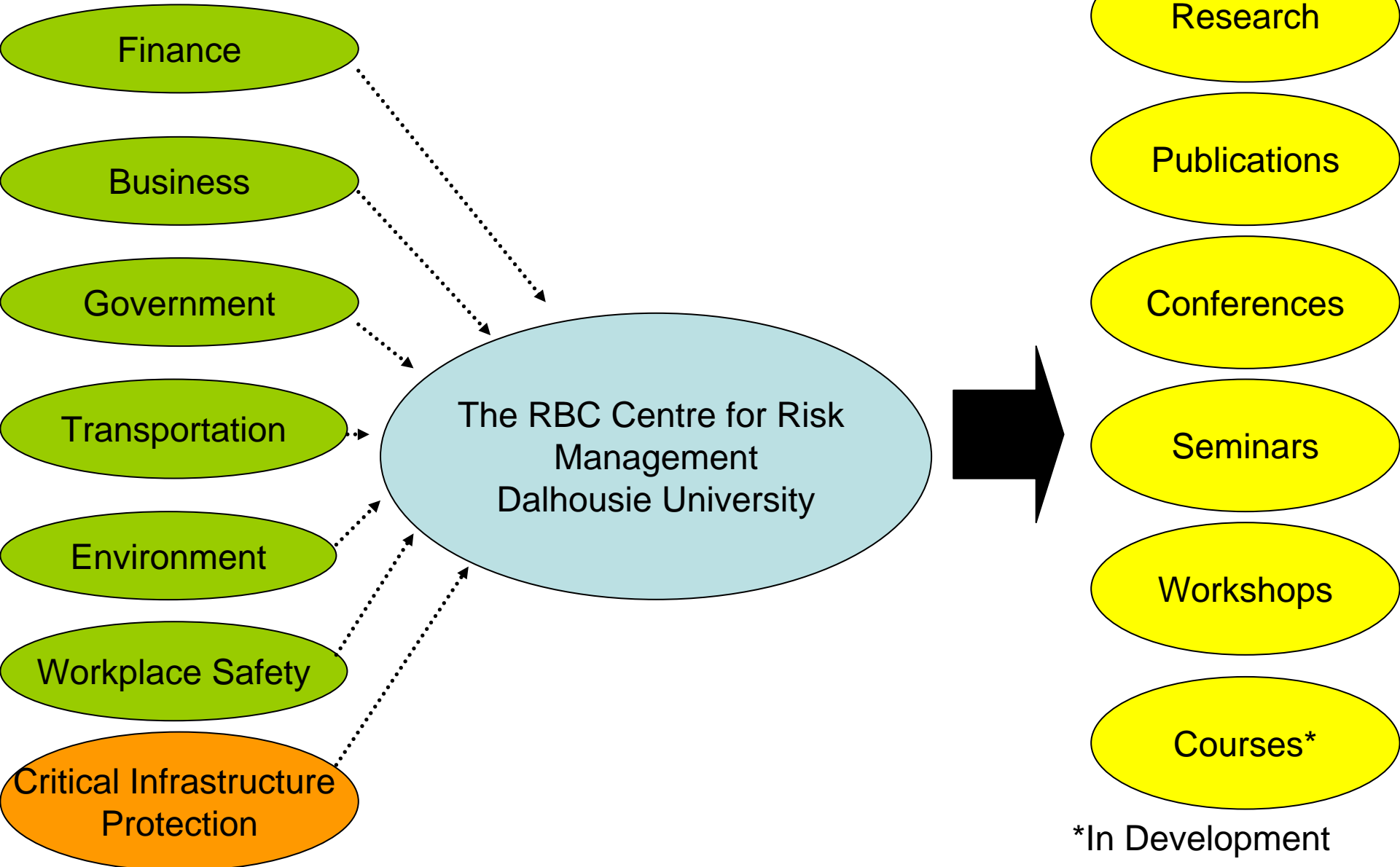
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Critical Infrastructure Protection

- Actions and programs that:
 - **Identify** the critical infrastructure and its specific components (human, physical and cyber)
 - **Assess** vulnerabilities
 - **Take mitigative or protective measures** to reduce vulnerabilities
- » Source: Public Safety Canada

Public Safety Canada

Critical Sectors Identified

- **Energy and utilities**
- **Communications and information technology**
- **Finance**
- **Health care**
- **Food**
- **Water**
- **Transportation**
- **Safety**
- **Government**
- **Manufacturing**

- There are many important questions for researchers and practitioners
 - Interdependence
 - Complexity
 - Fragility
 - Context

CIP: Significant Omissions

Who's on the list of
critical sectors?

And

Who's off?



CIP Questions

Collaboration

or

Confidentiality



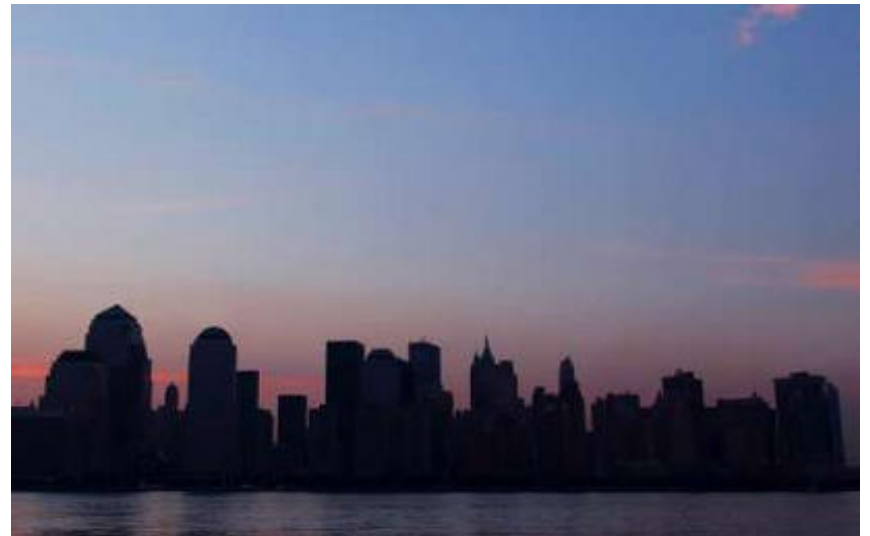
Y2K Computer Bug

CIP Questions

Proactive

or

Reactive



2003 North Eastern Powerfailure

CIP Questions

Cost Benefit Analyses

or

Precautionary
Approaches



1979 Mississauga Chemical Spill

CIP Questions

Person-initiated failures

or

Natural Disasters



1998 Ice Storm

CIP Questions

Approx 30 rounds fired from a Glock 17 9mm handgun.
(12 shots from 21ft, 6 shots from 35ft, and a final 12 shots from 50ft.)

accountability,

accountability,

accountability



Objective of the CIP Initiative at the School of Public Administration and the RBC Centre for Risk Management

- Create opportunities for interested parties – in all sectors & levels of government – to access and share diverse and expert perspectives on CIP
- Holistic view: technical, social, political, economic and managerial issues.

Three CIP Projects: We Are in the Early Stages

- **Newsletter** (Autumn 2007)
 - Focusing on collaboration between sectors and jurisdictions
- **Publicly Available Database** (Winter 2007/2008)
 - Directory of risk and CIP experts
- **Workshop** (Spring 2008)
 - Key note speakers & collaborative sessions

The objective of the presentation today

- Know these projects have started
- Contact us if you have a policy, management or research interest or responsibility in this area

For more information or to join the e-mail distribution list

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Contribution from the Canada School of Public Service is gratefully
acknowledged. Views expressed here do not represent the views of the
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