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## DIMENSIONS

- City profile
- The RKD platform
- Innovation system
- Governance
- Prospects

# Calgary: Innovation in a Resource Centre



# A city profile



- *Calgary's phenomenal growth after 1947 has been almost entirely due to its position at the forefront of Canada's burgeoning petroleum and natural gas industries... Calgary found the prosperity that was denied by the cattle industry and railroad development... [It] enabled Calgary to transcend the... dependence on a limited agricultural... hinterland." – (Foran and MacEwan Foran (1982)*
- **The Energy Capital of Canada.**
- **A metropolitan area of 1.25 M.**
- **Rapid growth in Science and Technology professionals, IT professionals, Financial professionals.**
- **Diverse talent base – “high diversity – 0.77”(??)**

# The cognitive platform - RKD

- O/G is Knowledge based
  - Technological, managerial, financial
- Conventional clusters converge
  - 'O/G': IT:bus./prof. servs.:finance - all for O/G
- Related knowledge diversity (RKD)
  - A novel configuration w. resiliency weakness

# An Innovation System

- Local knowledge role

- Compact centre

- Inter-sector flows

- Talent attraction

- Limited attention to cultural scene

- Diversity of factors

Receptor sector	Originating Sector	Oil and Gas	Environment	Media	Other	Not listed	Total
Oil and Gas	Oil and Gas	79%	1%	-	-	20%	100%
Environment	Environment	7%	38%	-	-	55%	100%
MMAAdv	Media	4%	-	61%	-	35%	100%
Other	Other	1%	-	-	53%	46%	100%
Contributing sectors identified	Contributing sectors identified	24%	9%	14%	14%	39%	100%

# Governance

- The two conversations:
  - Economic growth
    - CED, CTI, Petroleum Club
  - Sustainability
    - Calgary foundation, imagine Calgary, Charitable agencies
  - Common concern: talent - meeting ground: City
- Informal 'Associative' Governance
  - Private sector engagement - the "300"  
(ex. Homlessness foundation)
  - Corporate support to volunteers.
- The City
  - 'Plan-it' Calgary

# Prospects

- Is RKD a 'normal' stage in the growth of a resource based centre?
- Platform based diversification
  - Wireless, GPS, Digital imaging....
- Key: private sector innovation
  - Seeing challenges as opportunities
  - Overcoming 'rip and ship'

