

Owners & Operators



- Almost all major interstate natural gas transportation systems in North America are owned and operated by independent (non-producer) pipeline transportation companies
- Alliance Pipeline (Enbridge 50% owner) was initially a producer led and majority owned project – all producers have since divested of their interest
- Mackenzie Delta pipeline is the most recent producer led pipeline initiative
- Almost every new natural gas pipeline project / proposal in North America is being developed by pipeline companies

Catalysts For Development

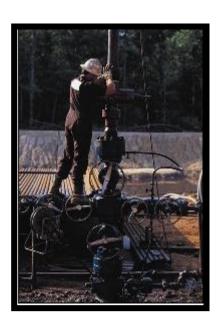


Supply Push

No existing take-away capacity into target market

(ex. M&NEP, Mackenzie, Alaska)

- Insufficient take-away capacity
 - depresses wellhead prices relative to market
 (ex. Alliance, US Rockies)



Catalysts For Development

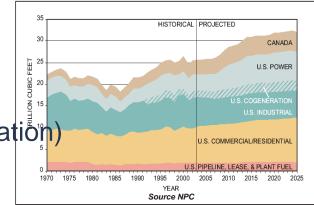


Market Pull

- Growing demand
 - Economic, technology (gas fired generation)
 - Demographics



- Insufficient supply results in higher prices (ex. Millennium)
- Insufficient peak load supply results in seasonal price spikes / price instability (both gas and electricity)



Investment Environment



- Supply commitment
 - Quality and reserve life certainty
- Shipper commitment
 - Creditworthiness
- Constructability
 - Land access, environment, material, labor
- Financing
 - Equity and debt

Motivations



Producer

- Lowest cost of delivery (highest possible netback)
- Lowest possible shipping risk (short term contracts, off-ramps, tariff certainty)
- Reliability

Market

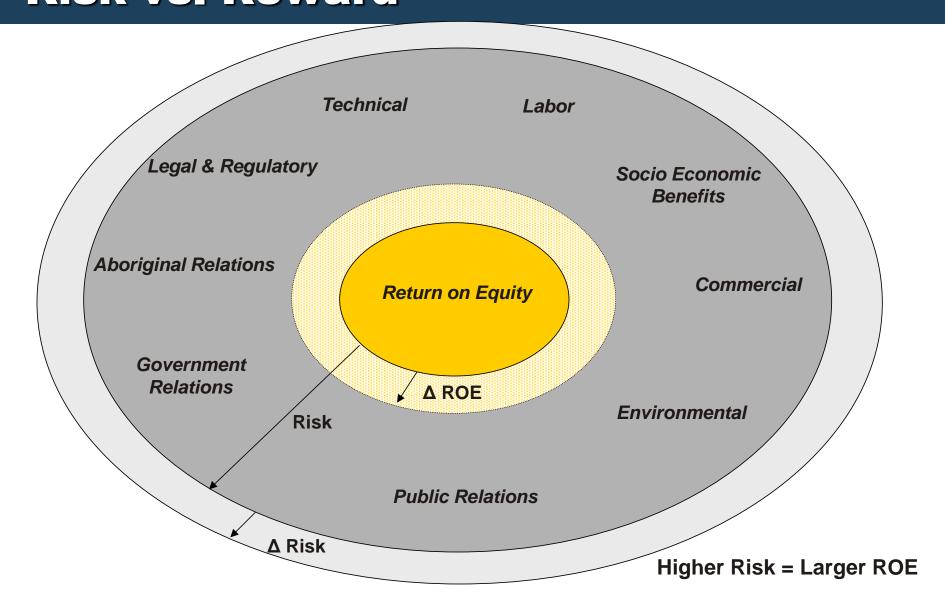
- Lowest cost of delivery
- Competitive & reliable gas supply
- Lowest possible shipping risk (short term contracts, off-ramps, tariff certainty)
- Reliability

Transporter

- Fair return
- Manageable risk
- Financial certainty

Investment Considerations – Risk vs. Reward





Pipeliner Perspective: What's Needed to Invest



- Adequate ROE relative to risk (typically 12 15%)
- Access to debt
- Cost certainty
- Financially strong shippers
- Regulatory certainty
- Environmental process certainty
- Aboriginal and land owner alignment



Financing Considerations



- A large amount of capital is required
 - usually between 30-40% equity and 60-70% debt
- A number of banks usually provide debt financing, and in turn look carefully at all project details
 - Amount of equity
 - Financial strength of pipeline owners
 - Financial strength of shippers
 - Nature and terms of service agreements
 - Regulatory approvals
 - Experience of pipeline owners
 - Quality of natural gas reserves and reserve life



Sources Of Debt



- Banks a consortium based on project size
- Capital Markets/Bonds
- Insurance Companies
- Pension Funds
- Municipal Bond Market
- Sponsors

- Address capital cost overruns
- Lender has first priority over cash flow
- Incoming cash versus interest and principle repayment
- Risks associated with maintaining cash flow
- Debt amortization (equal payments, mortgage, bullet or customized)
- Coverage Ratio
 - interest coverage
 - debt service coverage ratio
 - principle
 - interest
 - banking fees
 - reserve accounts

Benefits of Enbridge Participation



 Unique northern construction and operating expertise reduces construction risk

 Strong environmental track record

 Significant history of engagement with First Nations

Benefits of Enbridge Participation



- Potential market participant
 - reduce overall shipping risk for Producers
- Strong track record of negotiated tolling settlements with Producers
- Most recent cross-border regulatory experience
- Proven ability to lead multipartner large scale projects

