



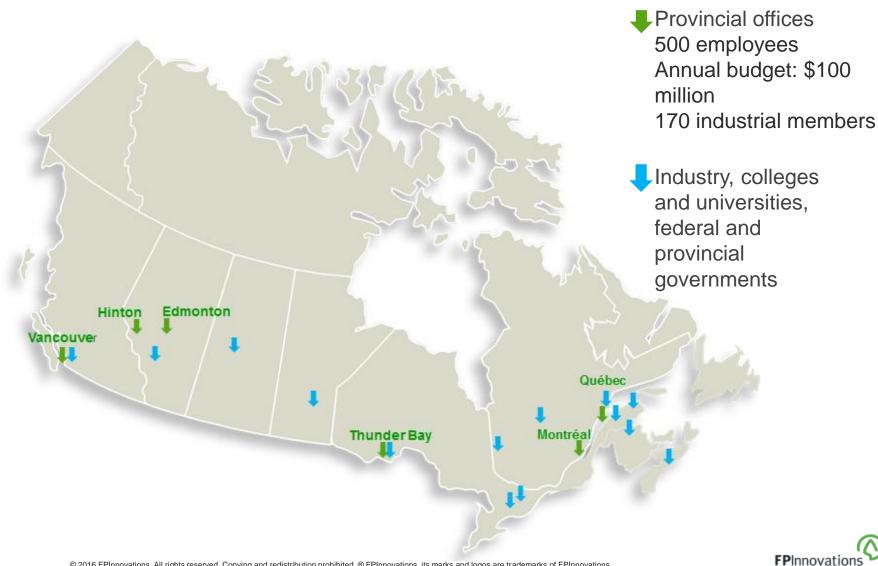
Innovation Management

FPInnovations' Success

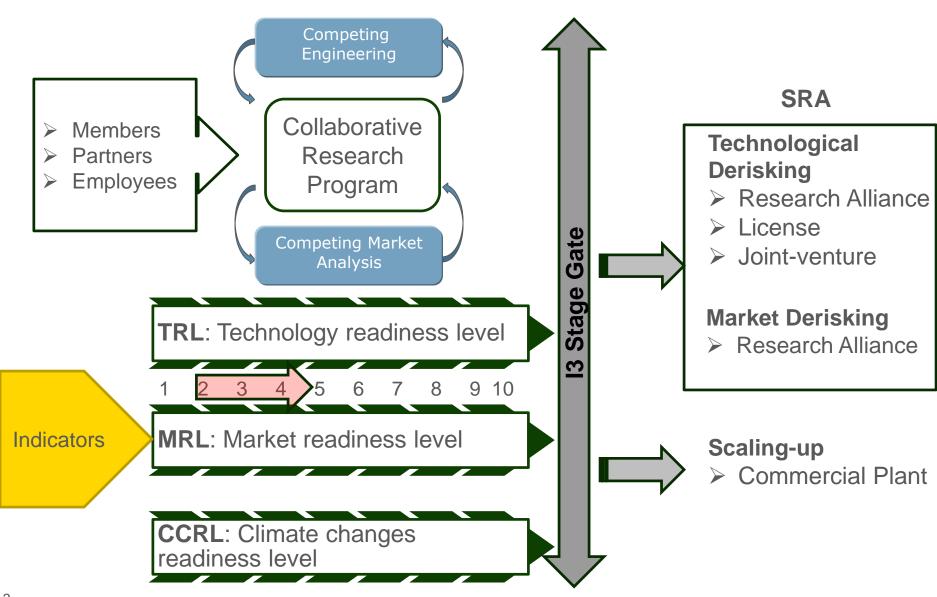
Scaling-Up Conference

Presentation by Pierre Lapointe, President & CEO Ottawa, November 15, 2016

A Unique Private-Public Partnership



A unique approach to innovation



Concrete Achievements:

Celluforce

Research

- 1998-2008 University Research
- 2008-2010 FPI Research
- Production of one kilogram/week in a laboratory
- Research investment: \$22 million

- 2010 -2013 Construction of the demonstration plant
- 1 ton/day
 Derisking technology
- \$41 million investment (federal/Quebec governments, Domtar, FPInnovations)

Derisking

- 2013-2016 Production shutdown
- Market derisking

Commercial

- 2015 Private partner investment (Schlumberger)
- 2016 International partner investment
- 2017 Commercial plant being planned

Windsor (QC) - 2012



Concrete Achievements:

Cellulose Filaments

Research

- 2009-2014 FPI research
- Production of one ton/week in a laboratory
- Research investment: \$11 million

- 2014-2016 Construction of the demonstration plant: 8 tons/day
- Technology and market derisking
- \$43 million investment (\$25 million for market development)
- Federal, Quebec and BC governments, Investissement Québec, FPI, Kruger

Derisking

Market derisking: additional \$32 million over 3 years

Commercial

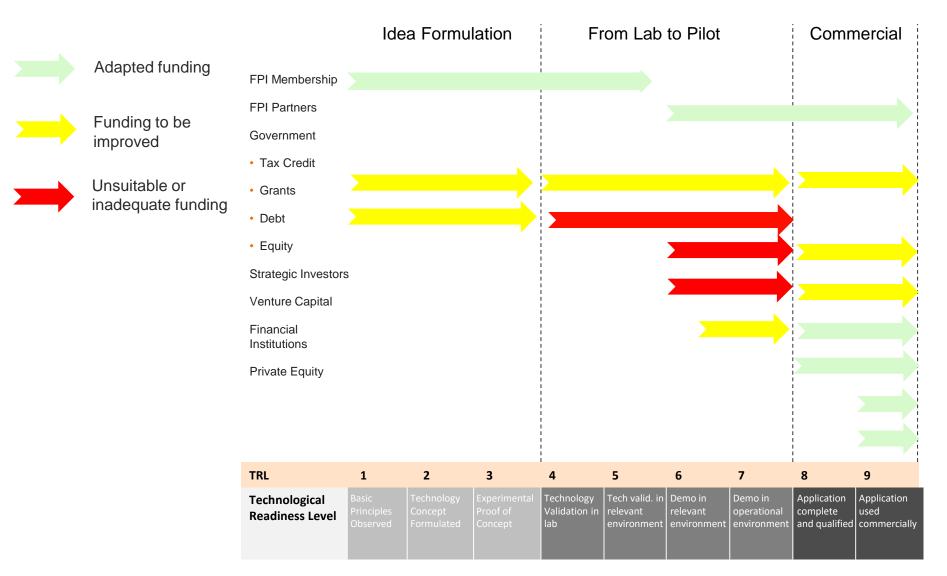
- 2017 Investment by private partners
- Kruger Trois-Rivières
- · Commercial plant being planned

Trois-Rivières (QC) - 2014





Funding Sources





Derisking Project Funding Sample Eg.: TMP-Bio Source

Financing Package

- Multipartners
- Complex private contribution
- Federal and provincial regulations, various agencies
- Complex reporting
- High administrative costs

Source	Total
Resolute (industry - manufacturer)	\$5,000
Valmet (industry - equipment supplier)	\$750
Bio-Amber (industry – customer)	\$75
Agri-Marché (industry - customer)	\$75
City of Thunder Bay (job provider)	\$90
CRIBE (Govt of Ontario)	\$2,100
NOHFC (Govt of Ontario)	\$4,500
FedNOR (Federal govt)	\$3,000
SDTC (Federal govt)	\$4,500
Total	\$20,090
Government total	\$14,190







Thank you!

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