

Presentation	
 Overview - FPInnovations PIT Concept Energotest[™] Technologies and methods tested Results Poal life tests 	
7. Proposed project	FPInnovations



FPInnovations

- Largest forest products research institute in the world
- More than 600 employees across Canada
- Budget : \$100 million/yr
- Our business is implementing practical research solutions

FPInnovations







































Rigid Boat Tail (0.6 m long + clearance regs)	1.5
Rigid Boat Tail (0.6 m long)	2.6
Rigid Boat Tail (1.25 m long)	5.1
Flexible Boat Tail (1.25 m long)	0.3

Technology	Economy (%)
Frailer skirts – Supplier A – Model 1	1.9
Frailer skirts – Supplier A – Model 2	3.9
Trailer skirts – Supplier A – Model 3	7.5
Trailer skirts – Supplier B	7.4
Trailer skirts – Supplier C	6.8
Trailer skirts – Supplier D	5.1
Trailer skirts – Supplier E	3.4
Trailer skirts – Supplier F	0.4

Technology	Economy (%)
Wide base tires: XDA & XTA 445/50 R22.5 vs XDN2 & XZE 275/80 R22.5	. 9.8
Continental HDL ECO plus 275/80 R22.5 vs. Michelin XDA-HT 275/80 R22.5	2.4
Continental HDL ECO plus 275/80 R22.5 vs. Bridgestone M726 EL 295/75 R22.5	1.4
Dunlop 11R22.5 SP384 FM, SP456 FM, and SP193 FM vs. Yokohama 11R22.5 101 ZL, 70 ZL, and RY587	3 1.3
Tire pressure: 85 PSI vs. 100 PSI	-3.1

3-Train 3 axles up vs. all axles down4.8.CV vs. Tandem axle semi-trailer31.4.CV vs. Quad axle semi-trailer-8.0Close following8.0Speed 92 km/h vs. 98 km/h5.1Pilot pick-up signalling arrows - low profile5.4	Fechnology	Economy (%)
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Pilot pick-up signalling arrows - low profile 5.4	Speed 92 km/h vs. 98 km/h	5.1
	Pilot pick-up signalling arrows - low profile /s, high	5.4





















