



WaterTAP
Technology Acceleration Project

Innovation as a Necessity for Sustainability

Drinking Water Leadership Summit

October 17, 2013

Innovation as a Necessity for Sustainability

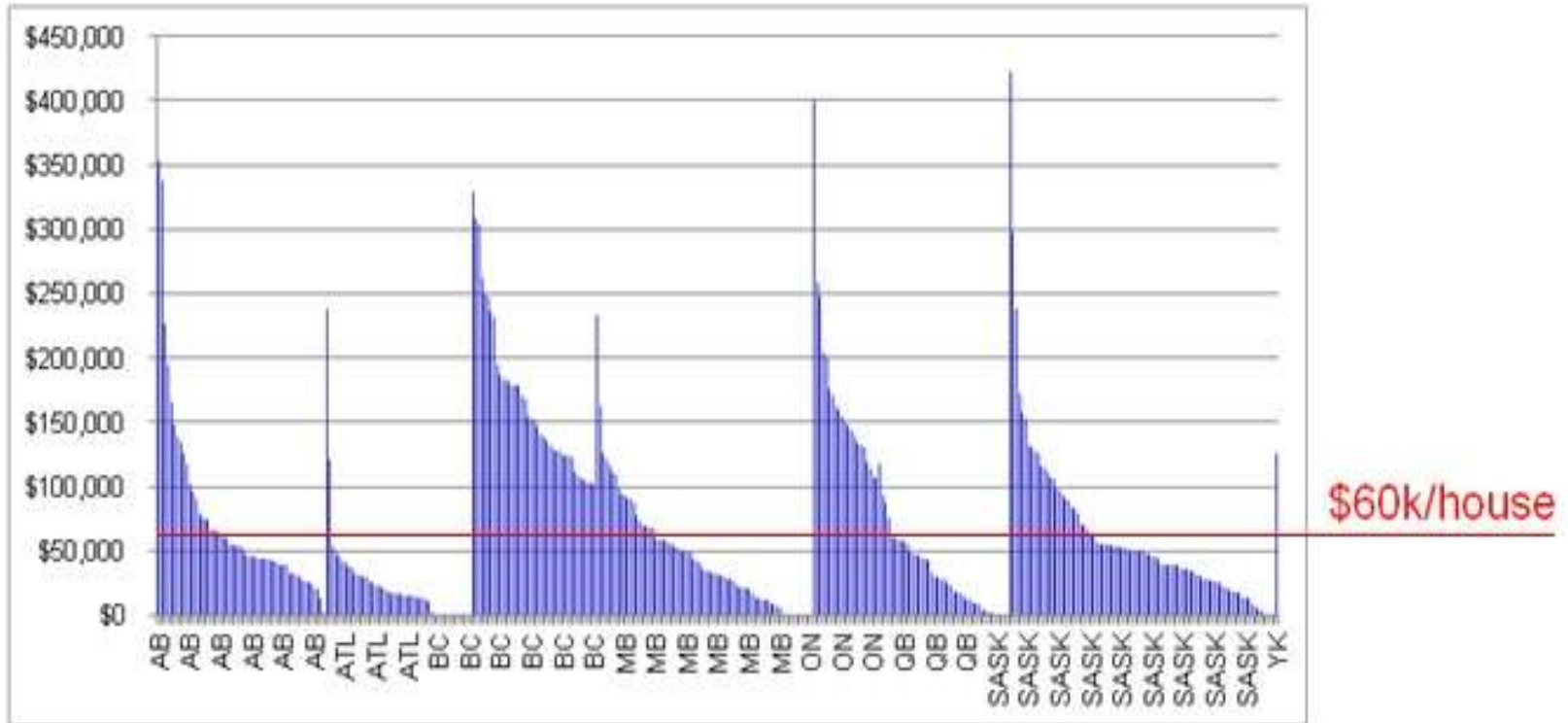
Moderator:

- Jon Grant, WaterTAP

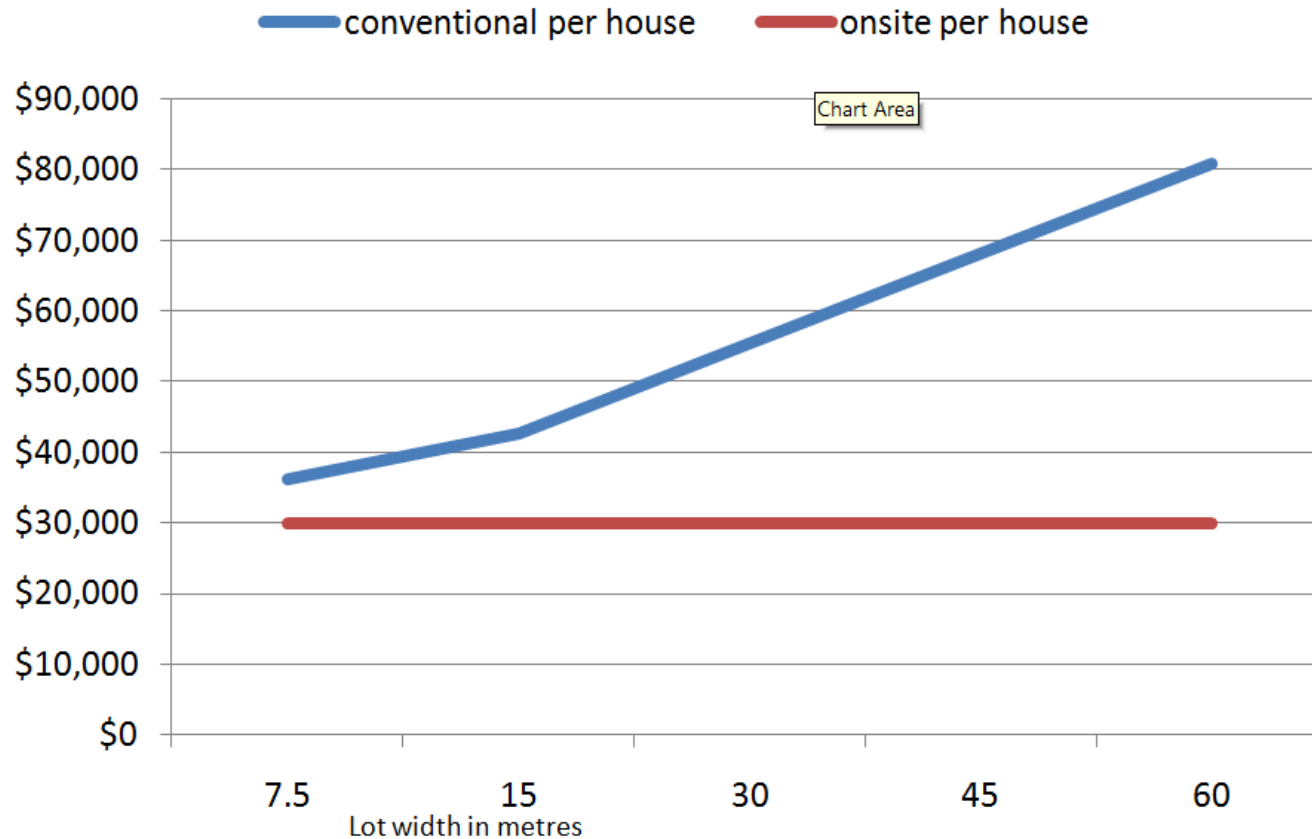
Panel

- Brenda Lucas, Southern Ontario Water Consortium
- Trish Johnson, R.V. Anderson
- Lesley Herstein, University of Toronto
- Mark Knight, Centre for Trenchless Technologies
- Barb McMurray, Ministry of the Environment

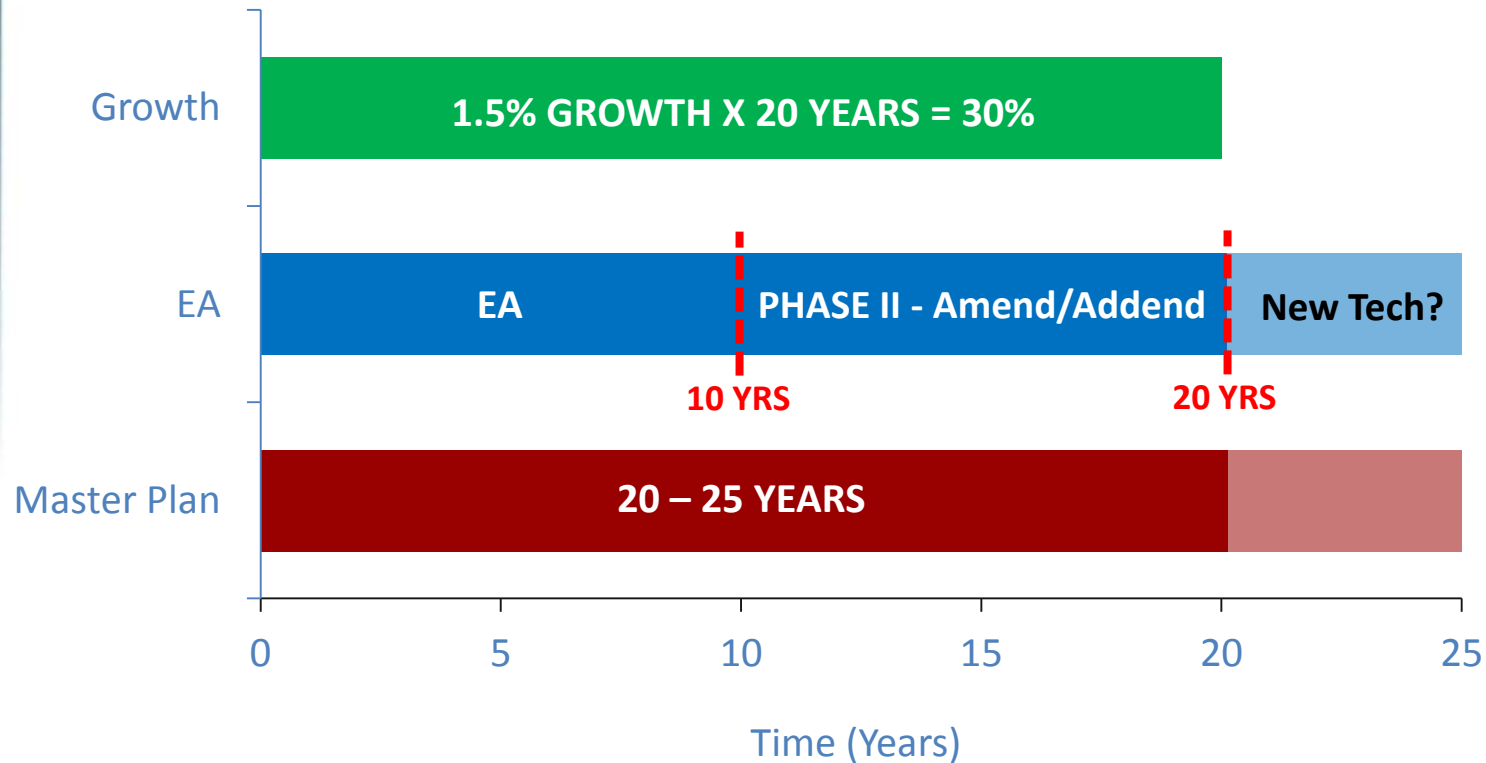
Sustainability requires Affordability



Pipe Sprawl a BIG Cost Driver - 75%



Phasing Offers Opportunity



Perth W + WW Innovation Saves Big \$\$\$

Project	Conventional Technology	New Technology
WTP Residue	\$7 M	\$900 k
WW Treatment	\$30 M	\$6 M
TOTAL	\$37 M	\$6.9 M
Est. Savings		\$30.1 M

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Ontario Case Studies

Location

Project

Savings

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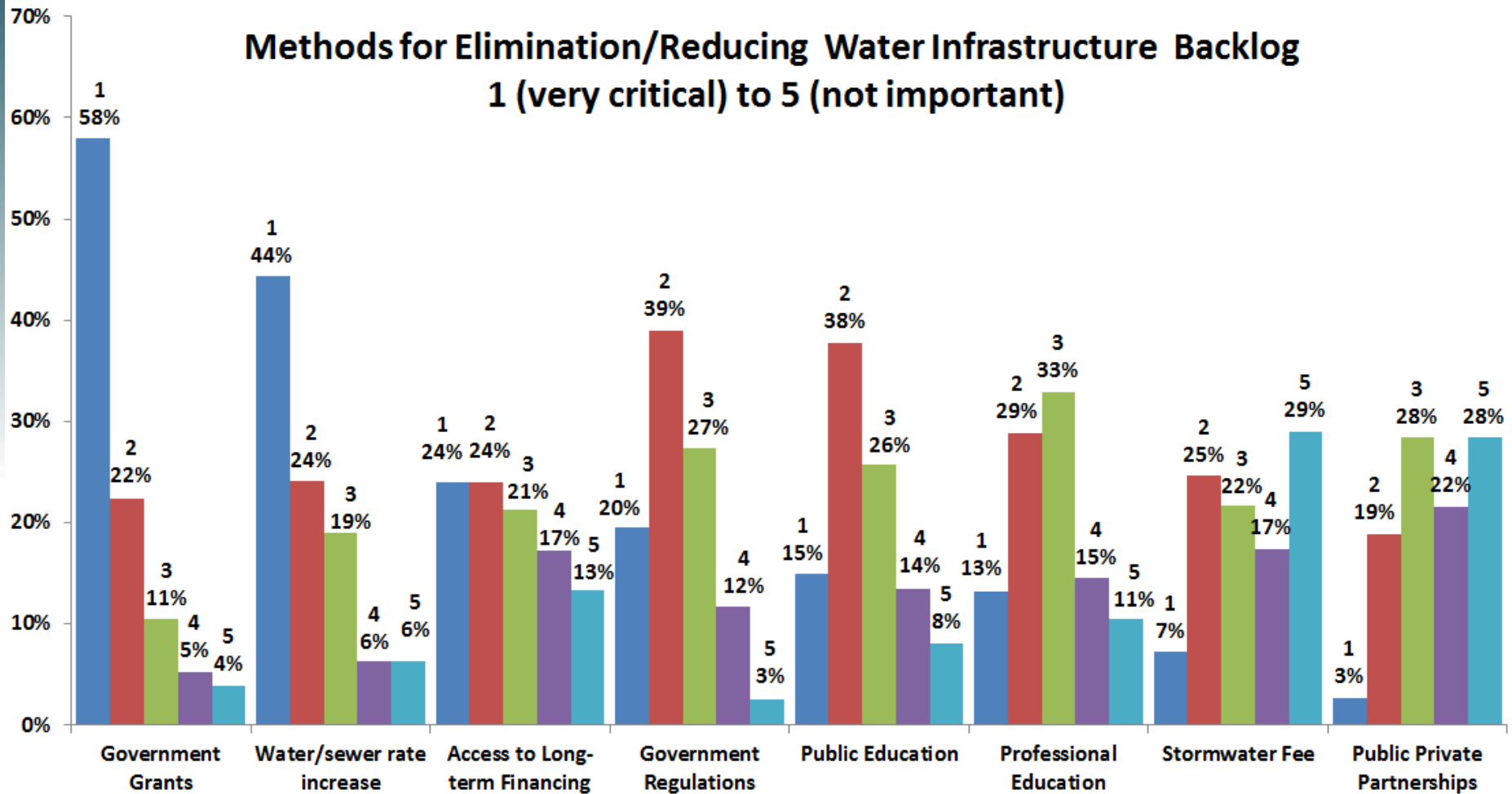
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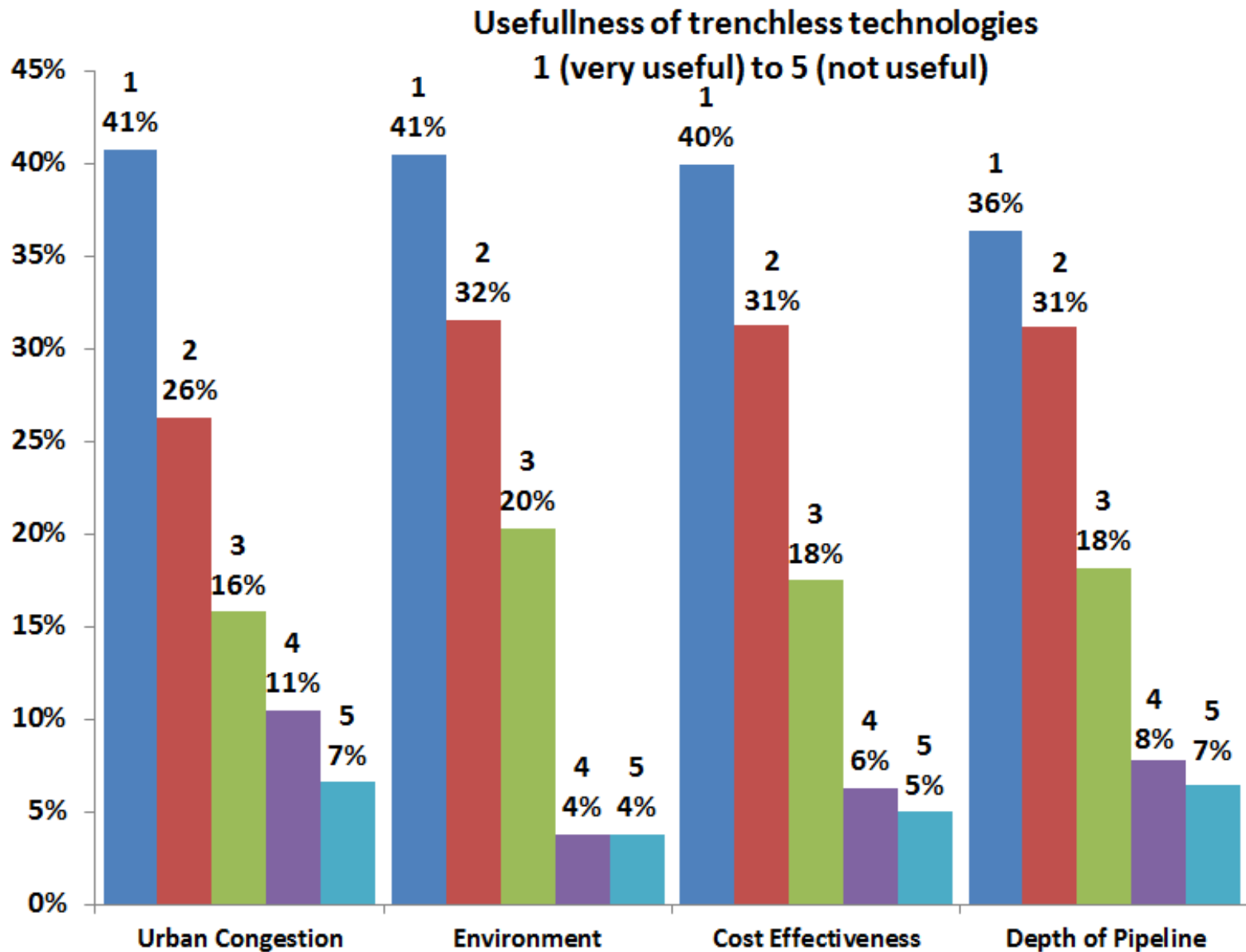
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CATT 2013 Municipal Survey

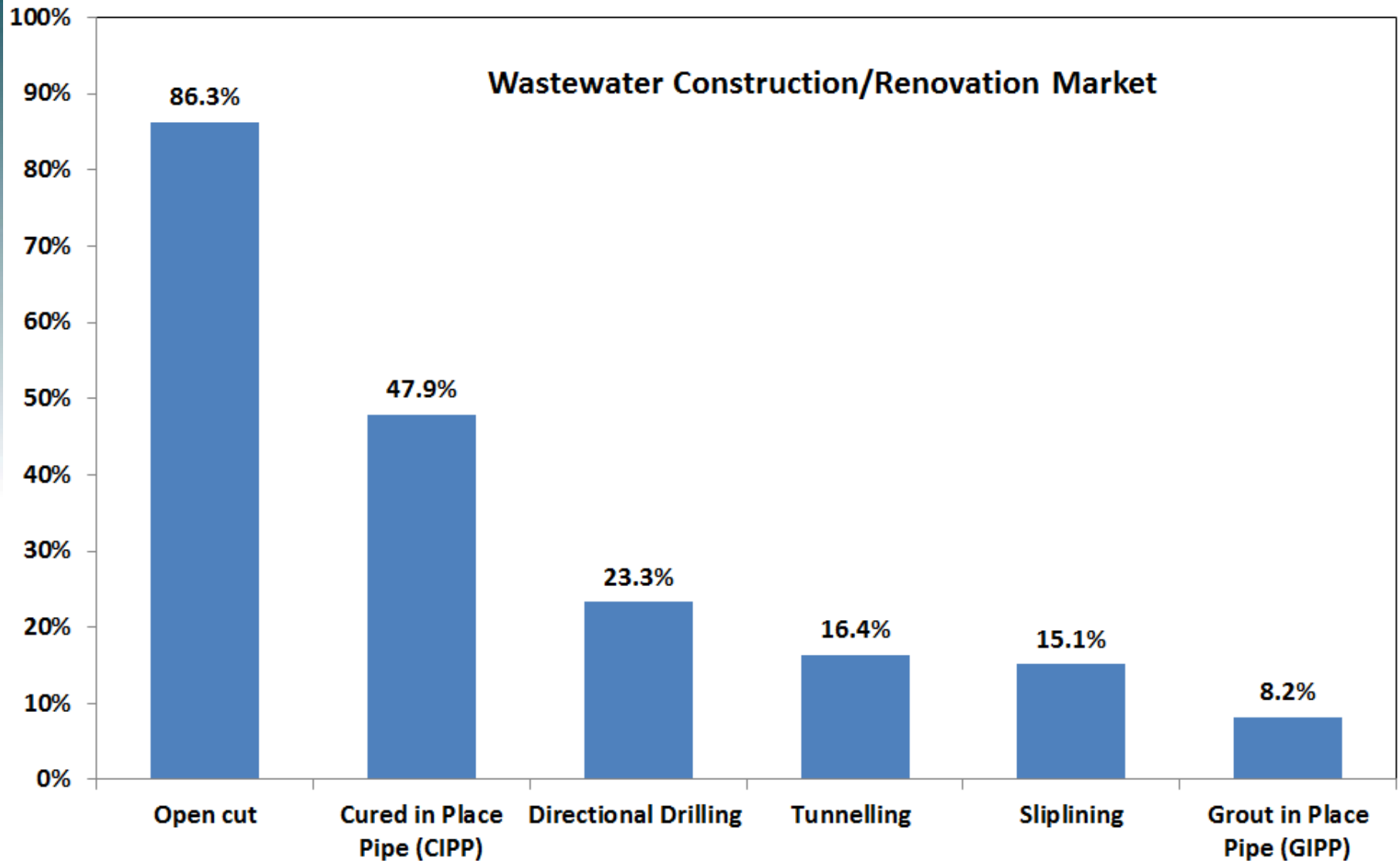
Methods for Elimination/Reducing Water Infrastructure Backlog
1 (very critical) to 5 (not important)



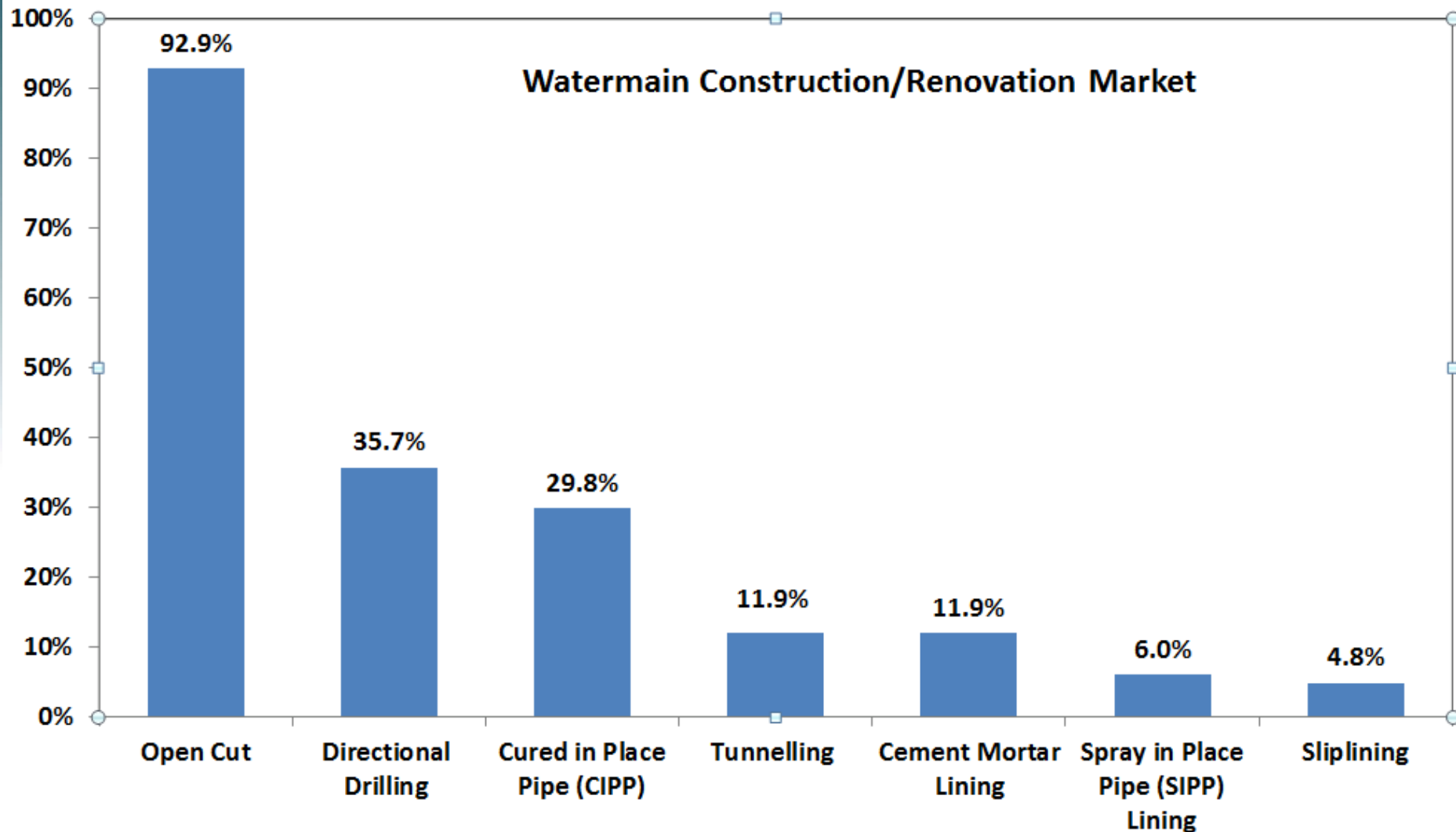
CATT 2013 Municipal Survey



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Thank You!

Further questions can be directed to

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@watertapontario

#Ontariowater