

AGES THERMAL TRAP

How Producers, Remediators & Consultants
Generating Value from the
Waste Stream

S **O** **I** **L**



Can Waste Remediation Technology Really....

Elevate Environment Leadership

Cut Costs

Boost Your Bottom Line

"Soil contamination by petroleum hydrocarbons result in significant human health, plant life, animal and environmental defects with **rising public concerns**"

Journal of Advanced Research
January 2020



Studies of Industrial
Companies Show:

“Negative Reputation
Reduces Revenue
And Investment”

Positive
Reputation Boosts Bottom Line
Reduces negative **Revenue impacts**



“Huge oilsands project cancelled in light of protests over resource development”

“Major pipeline project approved, but... Multiple groups launch Legal Challenges”

“European Financial institution backing out of new tar sands, fossil fuel projects”

“Environmental assessment times double or triple, more delays expected”


Compliance Isn't Enough



Greenhouse Gas Household Topic



Greenhouse Gas Investment Topic

A blurred background image of two business professionals in dark suits. The person on the left is gesturing with their right hand, while the person on the right has their arms crossed. The text 'Greenhouse Gas Investment Topic' is overlaid in a large, red, outlined font across the upper portion of the image.

Energy Project Drain 2014 – 2018

Canada



53% decrease in project investment



\$150 billion in lost projects

USA



50% increased project investment



\$ 473+ Billion in new projects

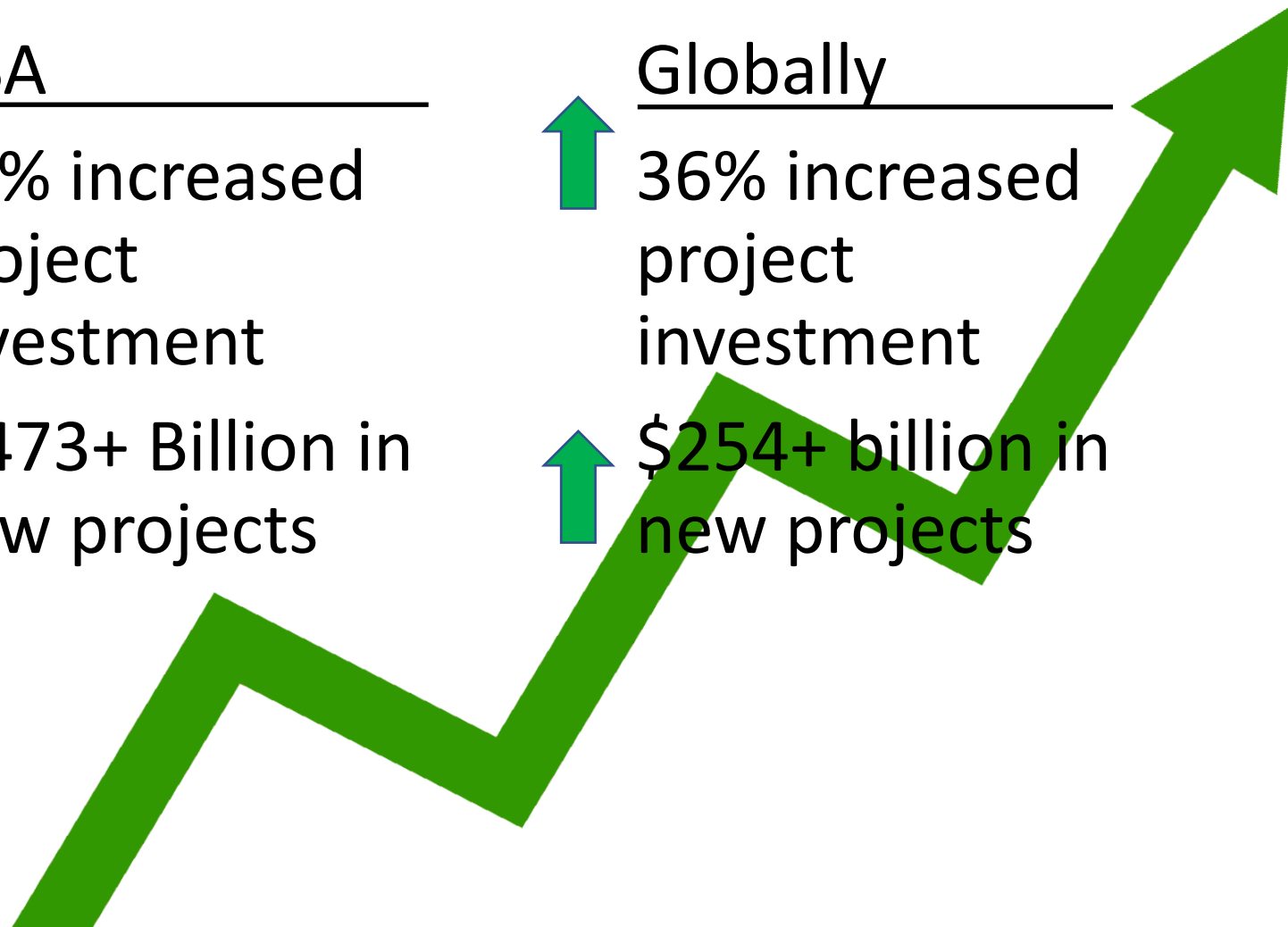
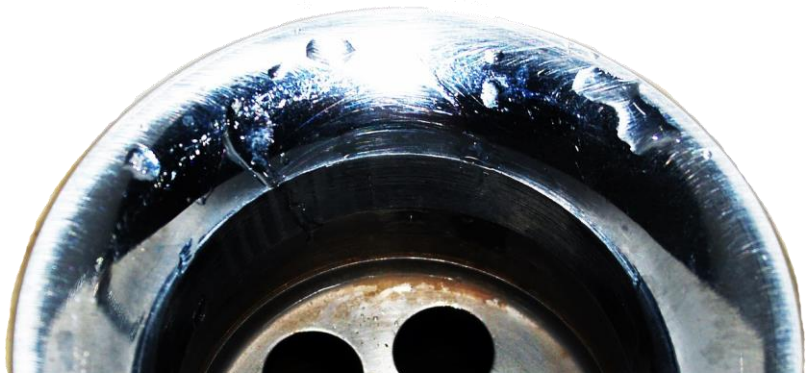
Globally



36% increased project investment

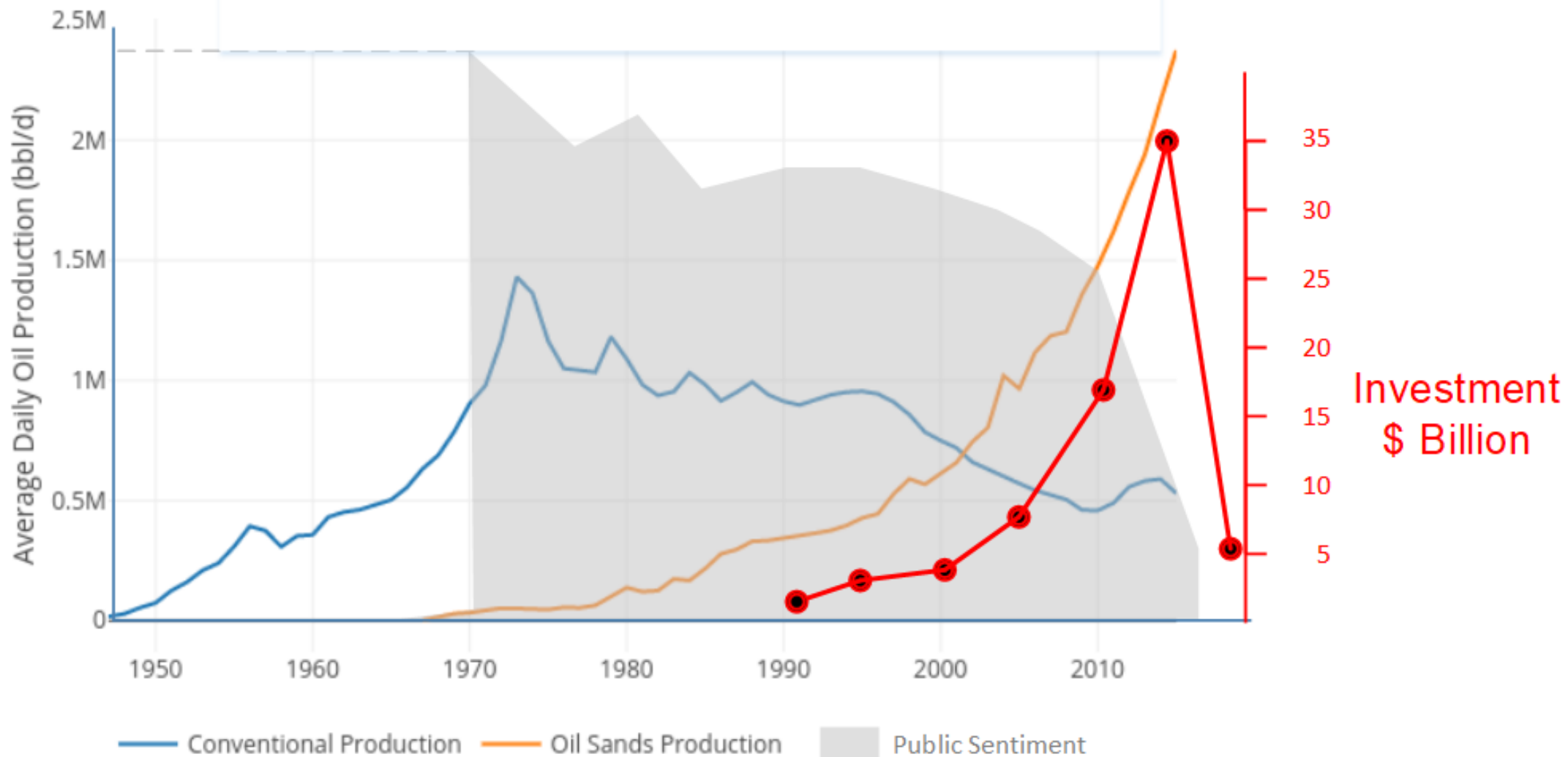


\$254+ billion in new projects



Conventional vs. Oil Sands Production

Public Sentiment vs. Investment



Global Leaders Taking Action

bp



REPSOL



TOTAL



Shell

Environmental Leadership

No Longer Comes at the Price

of Profits

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Rethinking Value
From
The Waste Stream

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26% Lower operating cost vs.
Rotary Kilns

34% More uptime vs.
Hammer Mills

270x Faster than
Bioremediation



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- 10-40% Less trucked Tonnage
- 95-99% Reduction of Class 1 Landfill
- 70-75% Less tipping Fees

Combined Savings up to 70%



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Zero Fugitive Emissions
7-27% Reduced GHG production
Recovered Oil Recovered Revenue



Works Best

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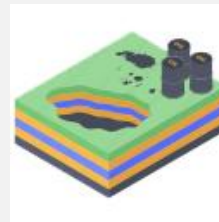
Where You
Need It Most



Drill Cuttings,
Invert, SAGD Paste



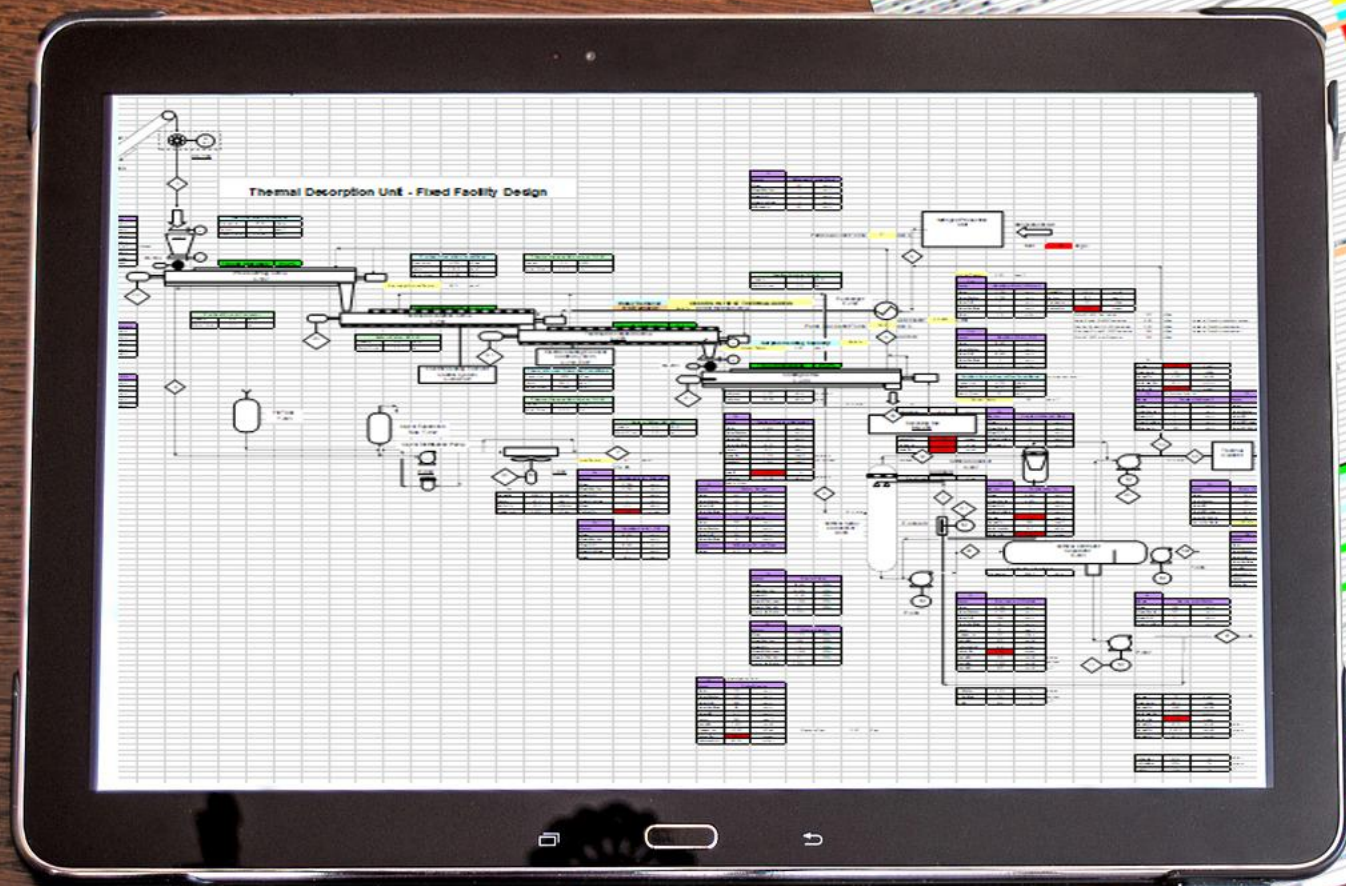
Tank Bottoms,
Tailings, Clean out



Soils, Sands and
Spills

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End to End
Engineering and
Analysis



2.00000e+01
2.200e+01
5.00e+01
1.000e+02
1.200e+02
1.400e+02
1.600e+02
1.800e+02
2.000e+02
2.200e+02
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8.600e+02
8.800e+02
9.000e+02
9.200e+02
9.400e+02
9.600e+02
9.800e+02
1.000e+03



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The Complete Solution

Producers
Remediators
Waste Management
Consultants

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