THE DESALINATION MARKET

Huge opportunity across many verticals

‘Desalination’

Industrial/Commercial
- water recycling
- product water

‘Water softening’

Residential & Consumer
- appliances
- point-of-entry to the house

High-volume Applications
- sea water & ground water
- oil & gas, mining

€30 billion market

€2 billion market

€3 billion market
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• Existing tech somewhat ok
• Dominated by big players

Voltea’s Near-term Focus

‘Water softening’

• Big issues with existing tech, low penetration
• Economic and regulatory pressures

Develop later
WHY CAPDI® IS BETTER THAN INCUMBENTS
An elegant electrical method, saving cost and enabling wider range of uses

Reverse Osmosis
“Force water through membranes at extreme pressures”
- Capital intensive
- Energy intensive
- Huge wastage of water
- High maintenance
- Hard to scale down
- Not with hot water

Ion Exchange
“Replace bad salt with less-bad salt”
- Polluting
- Regulated against
- High consumable cost
- Not with hot water

Voltea’s CapDI®
“Pull salt out of water using electric fields”
- Capital efficient
- Energy efficient
- Low water wastage
- Non-polluting
- Can be miniaturized
- Works with hot water

CapDI® far superior to traditional technologies

Voltea
IT WORKS, NOW IT’S ALSO CHEAP

Voltea’s intellectual property makes Cap DI© cost effective

- Cost reduction so far purely through extensive IP (32 patents)
- Further potential from economies of scale
- Tremendous barrier to entry
ADOPTION IS HAPPENING

Industrial and Commercial modules deployed across 4 continents

- Industrial/Commercial sales now accelerating
- Module replacement drives recurring revenues from existing deployments
- Consumer & Residential sales to contribute from 2017 onwards

* 2016 Estimate