



cleanBC

CLIMATE  
LEADERSHIP  
SYMPOSIUM

Public Sector and Local  
Government Action

# Integrated Demand-side Management

**Hansi Liu-Atkinson**  
**Climate Action Symposium**



# The Electrification Plan

## BC Hydro's Electrification Plan

A clean future powered by water

SEPTEMBER 2021

 **BC Hydro**  
Power smart

 **cleanBC**  
our nature. our power. our future.

# Switching to clean across sectors

The plan identifies many opportunities across sectors to encourage the switch

<b>HOMES AND BUILDINGS</b>	<ul style="list-style-type: none"><li>○ Space heating</li><li>○ Water heating</li></ul>
<b>TRANSPORTATION</b>	<ul style="list-style-type: none"><li>○ Road: personal vehicles, fleet vehicles, transit</li><li>○ Non-road: marine, port operations, airports, rail</li><li>○ Mobile diesel: power tie-ins to replace mobile generators</li></ul>
<b>INDUSTRY</b>	<ul style="list-style-type: none"><li>○ Industrial process: mining operations, forest products</li><li>○ Natural gas production &amp; pipelines</li><li>○ Clean technology and innovation (data centres, hydrogen production, and carbon capture sequestration)</li></ul>

# A roadmap to Our Electrified Future

Clean Power 2040  
Powering the future

 **BC Hydro**  
Power smart

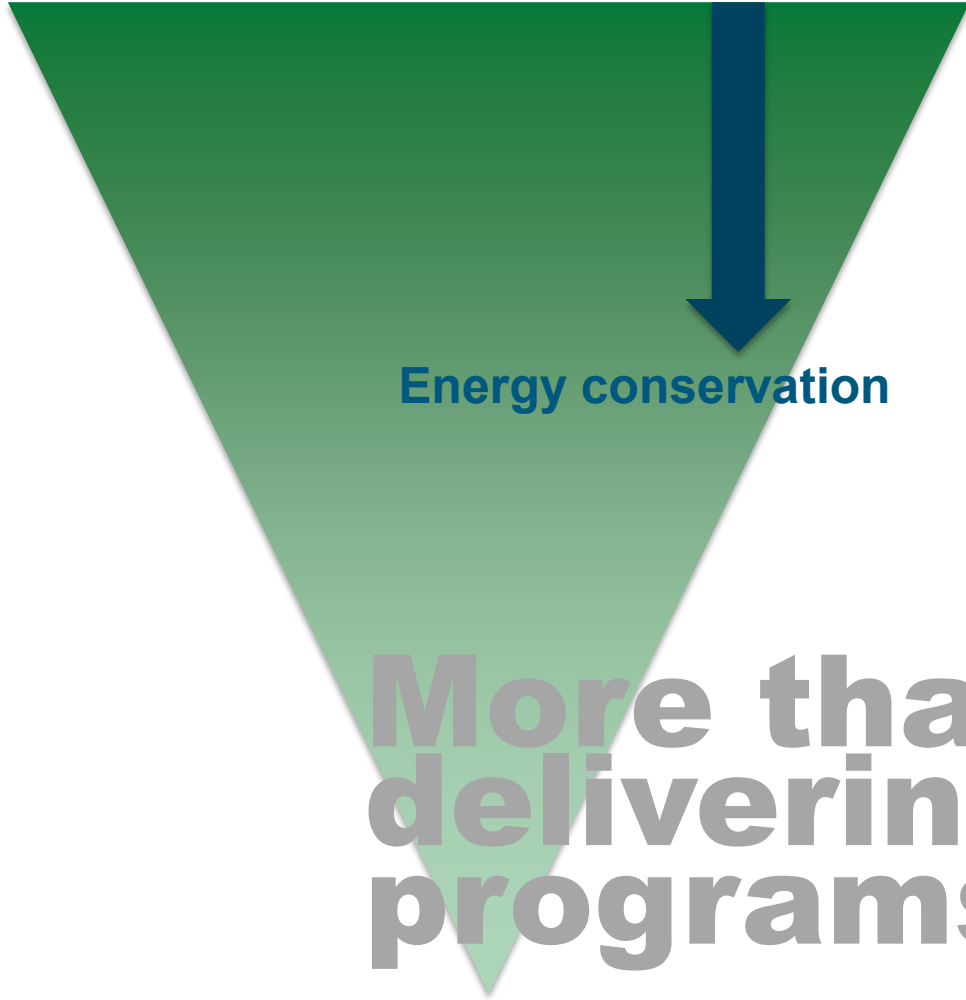
**BC Hydro and Power Authority**  
2021 Integrated Resource Plan

# Transmission and distribution system upgrades



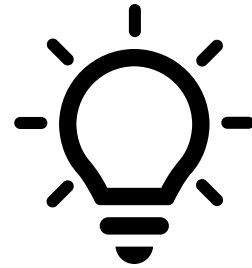
# Capacity Management and Energy Efficiency



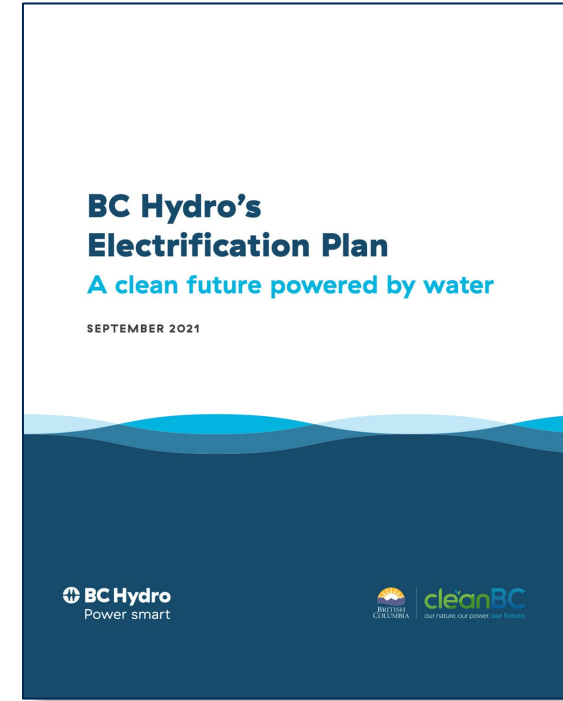
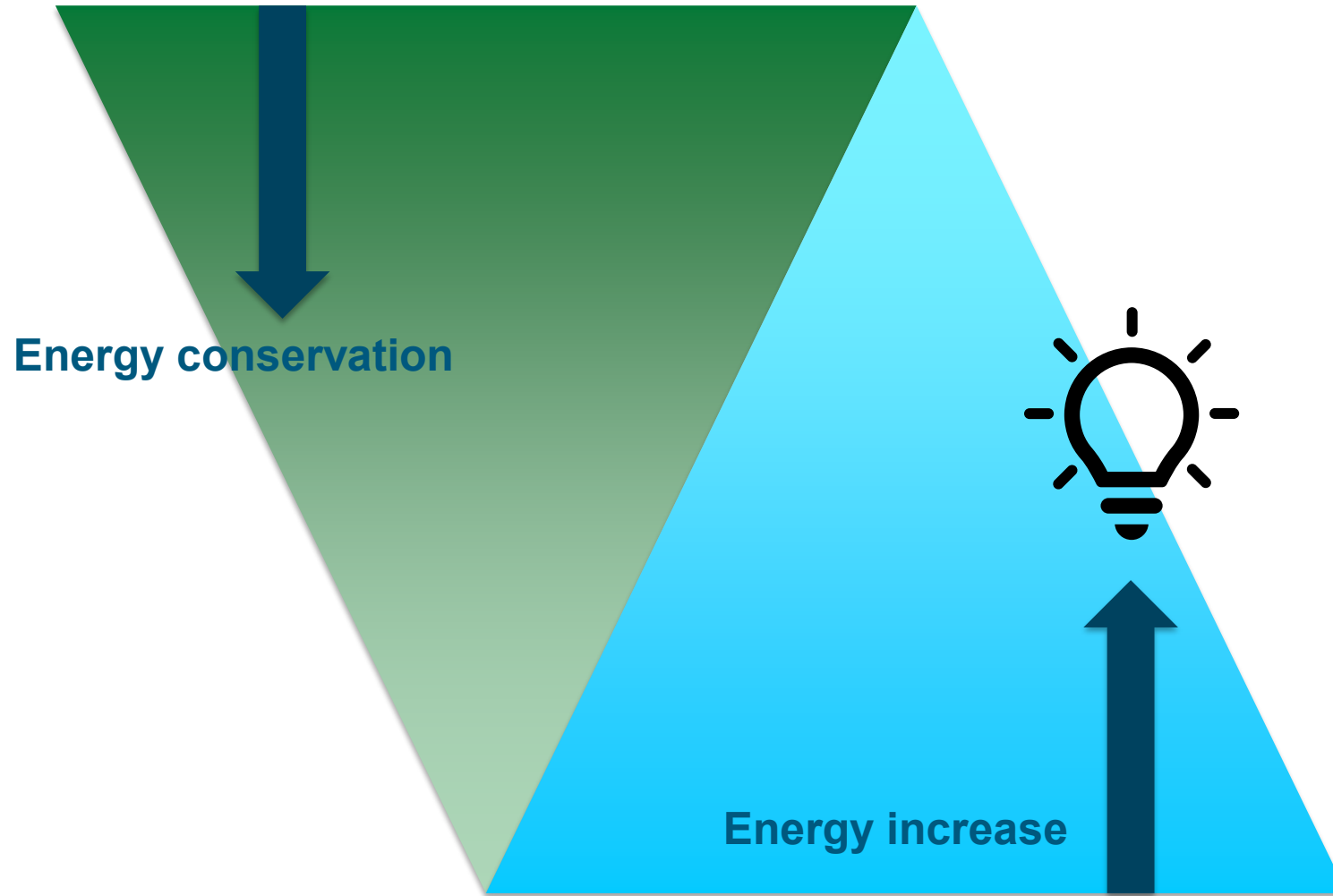


Energy conservation

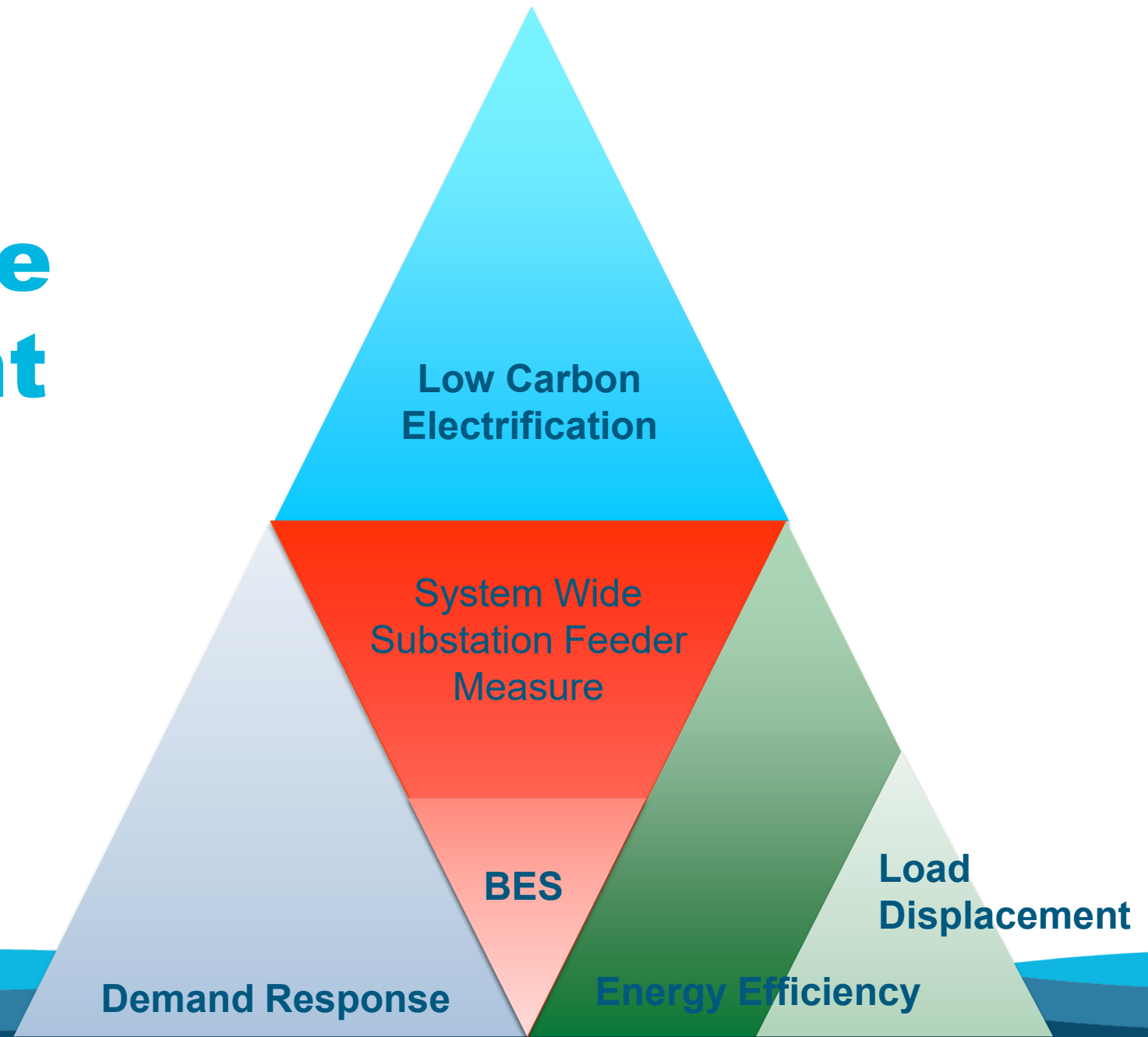
More than **30 years**  
delivering conservation  
programs







# Integrated Demand Side Management



**We need your help!**



