

20
24

Canada West Health Leaders
CONFERENCE

@CCHL_CCLS

#CWHLC2024



Synergies in action: The power of collaboration

14. Net-zero healthcare: Unleashing collaboration for systemic change and resilience

Ryan Duffy, CEO, Blackstone Energy Services

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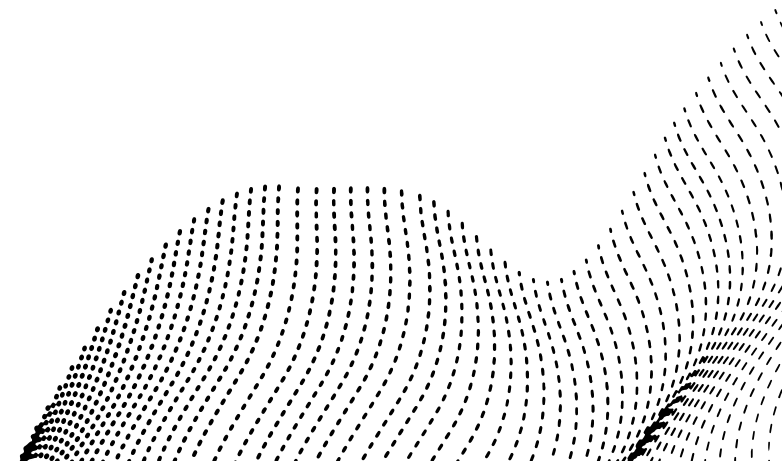
LAND ACKNOWLEDGEMENT

We are gathered here today in the traditional territory of Treaty Six First Nations and the homeland of the Métis. We pay our respect to the First Nations, Métis, and Indigenous ancestors of this place.



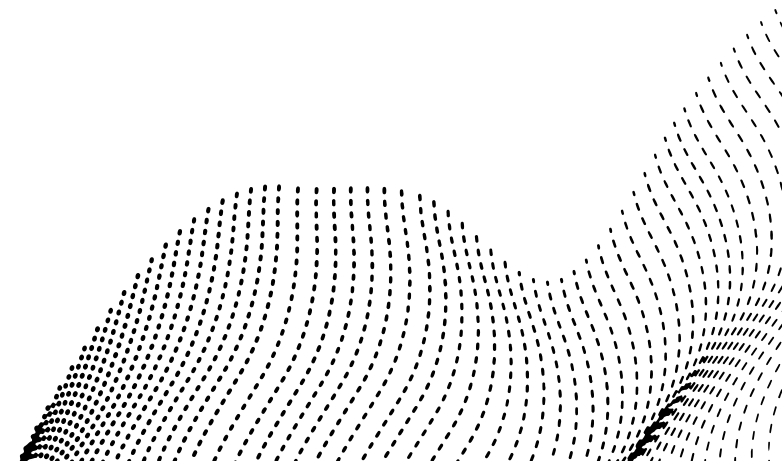
MY GOAL

“To inspire healthcare leaders to advance net-zero carbon emissions initiatives at their respective hospital.”



DISCUSSION ITEMS

1. Blackstone's perspective/vantage point
2. Our generations biggest challenge
3. Transparency & Disclosure
4. Impact on healthcare
5. Overcoming barriers



Blackstone's Perspective



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blackstone

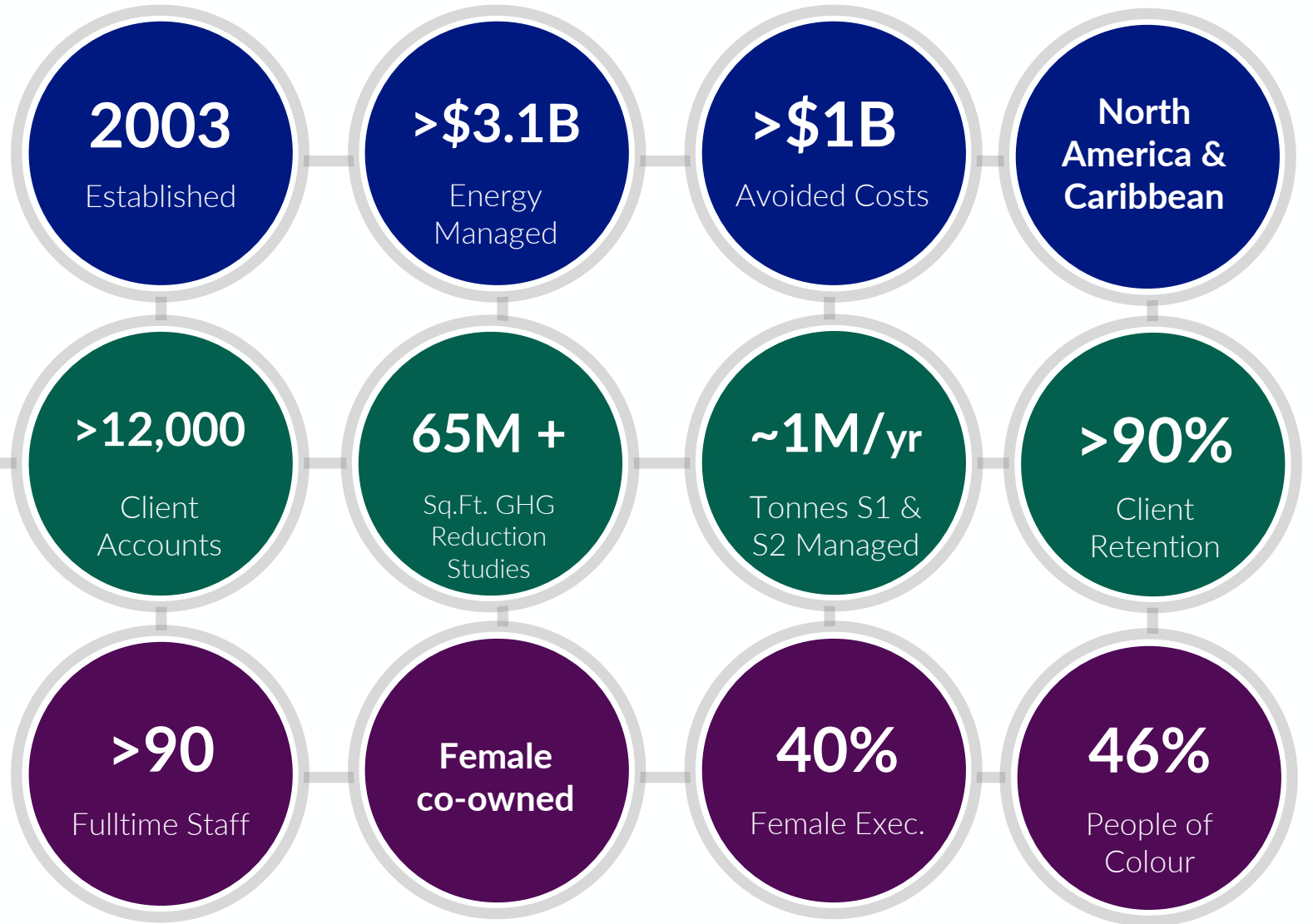
energy services

- Established Energy Advisors
- Long-term Hospital Partner
- Comprehensive Services
- “4Cs” – Consumption, Costs, Carbon, & Comfort



WHO WE ARE

blackstone
energy services



VISION

Take all our Clients to Net-Zero
Carbon Emissions by 2050.

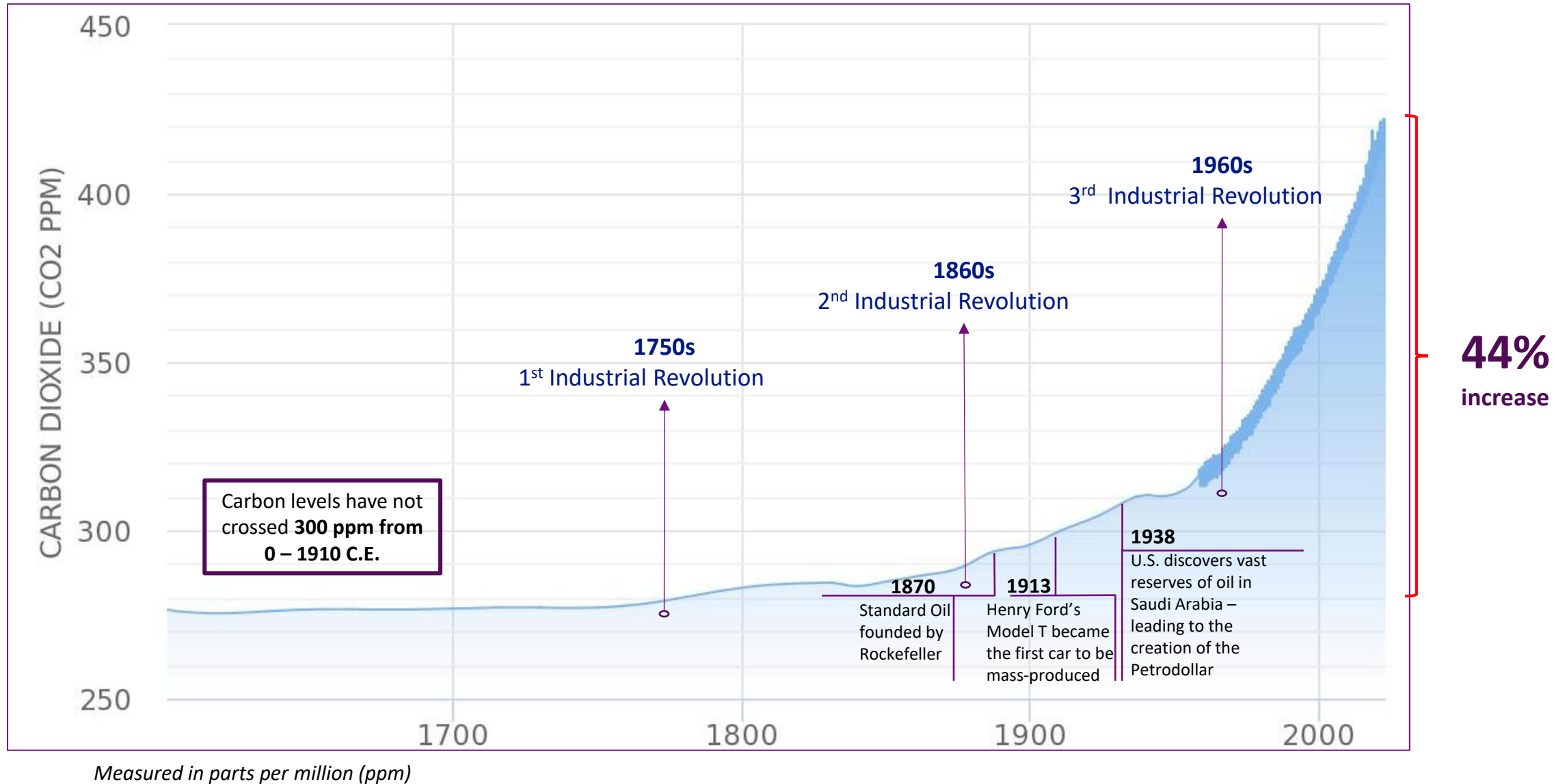
Amener tous nos clients à zéro
émission nette de carbone d'ici 2050.

Our Biggest Challenge



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GLOBAL CO₂ ATMOSPHERIC CONCENTRATION



Nations Unies

Conférence sur les Changements Climatiques 2015

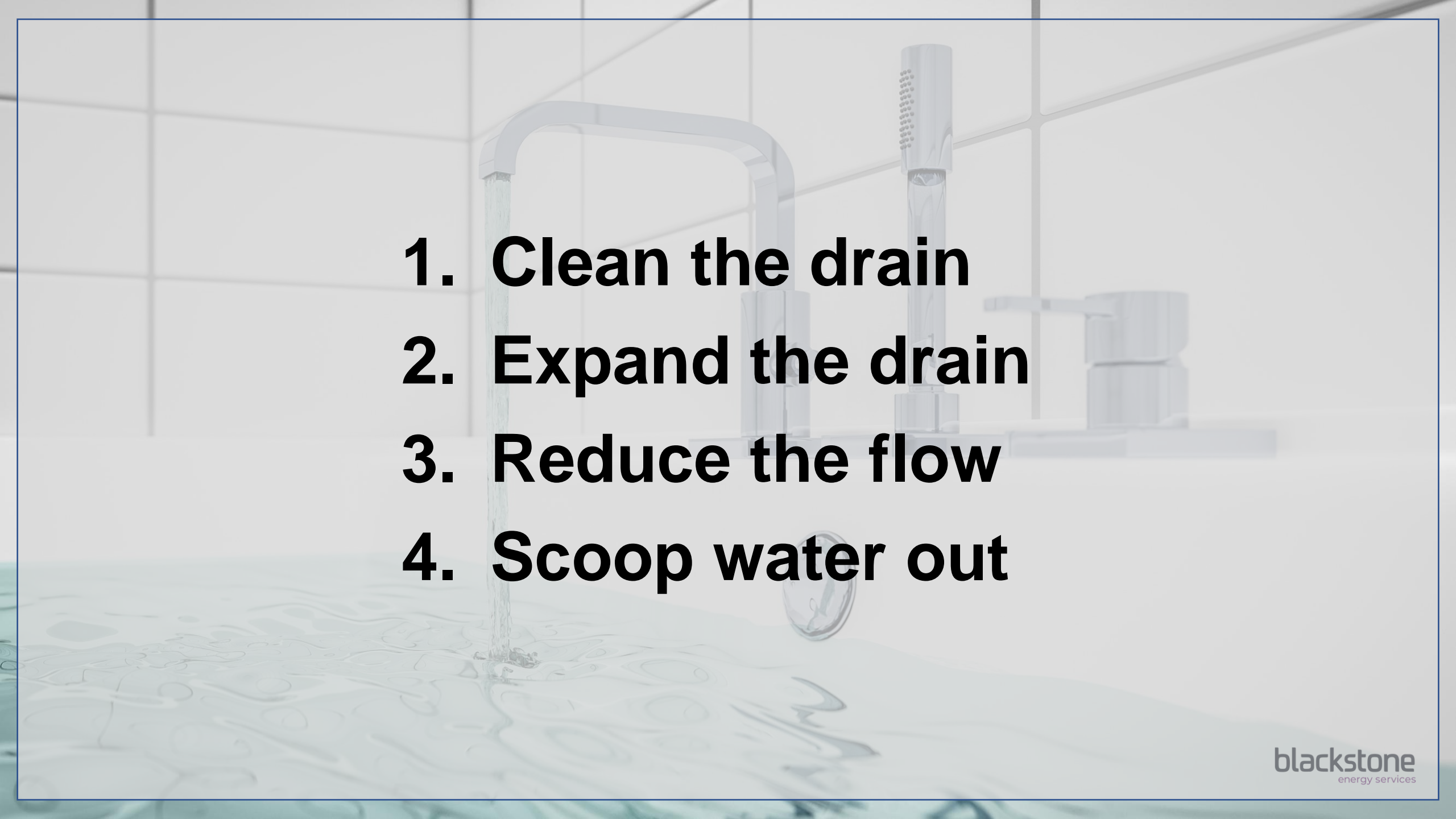
COP21/CMP11

Paris France





Net Zero

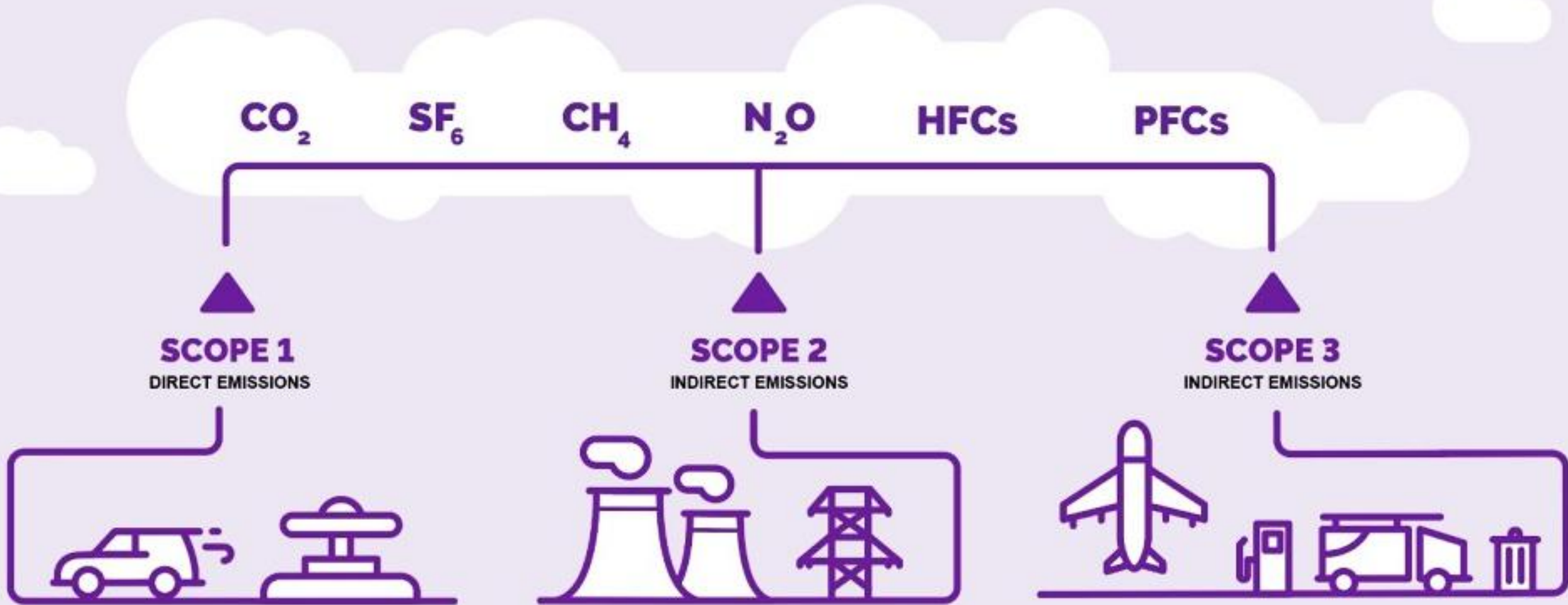
- 
- 1. Clean the drain**
 - 2. Expand the drain**
 - 3. Reduce the flow**
 - 4. Scoop water out**

Transparency & Disclosure



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GHG EMISSIONS CATEGORIES



HIGHLIGHT CANADIAN CLIMATE POLICIES

Dec 2015

Paris Agreement

Canada committed to cut GHG emissions 40-45% below 2005 levels by 2030.

Jun 2021

Net-Zero Accountability Act

A legislative commitment to achieve net-zero emissions by 2050.

Jun 2024

Bill C-59

Targets greenwashing by requiring businesses to substantiate environmental claims under the Competition Act.

Jan 2019

Greenhouse Gas Pollution Pricing Act

Setting minimum national standards for carbon pricing in Canada.

Mar 2022

Emissions Reduction Plan

The 2030 ERP is a \$9.1B sector-by-sector plan to align with national reduction targets.

Oct 2024

Climate Disclosure Requirements

Canada will mandate climate-related financial disclosures for large federally incorporated private companies.

REPORTING STANDARDS HAVE CHANGED



International Sustainability Standard Board:

- Establishing a global baseline for corporations to provide relevant information on climate risks.
- Effective Jan. 1, 2024
- Canada's FRAS has adopted a Canadian Sustainability Standards Board.

NEW CANADIAN SUSTAINABILITY STANDARDS



CSDS 2: Climate-Related Disclosure

- Risk and opportunities as a business short, medium and long-term
- GHG Scope 1,2, & 3
- Climate resilience scenarios
- Emissions reduction targets
- Water use and management

Applicable to :

- Publicly traded companies like:



Manulife

Canada Business Corporation Act (CBCA)

- (same as above)

Applicable to :

- Large Federal Private companies like:



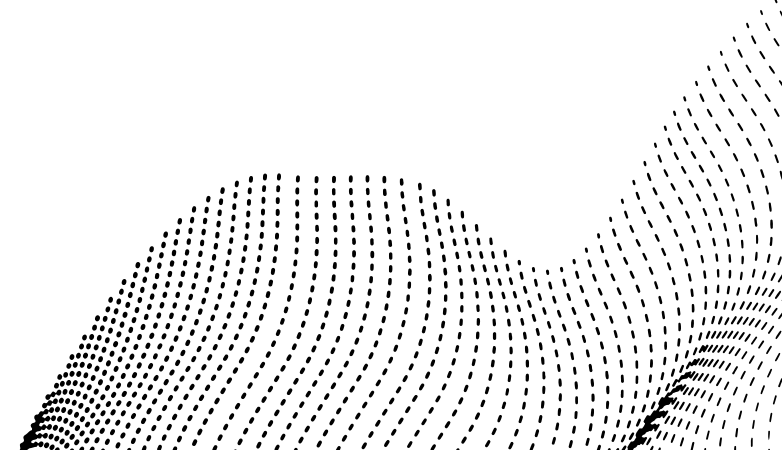
Impact On Healthcare



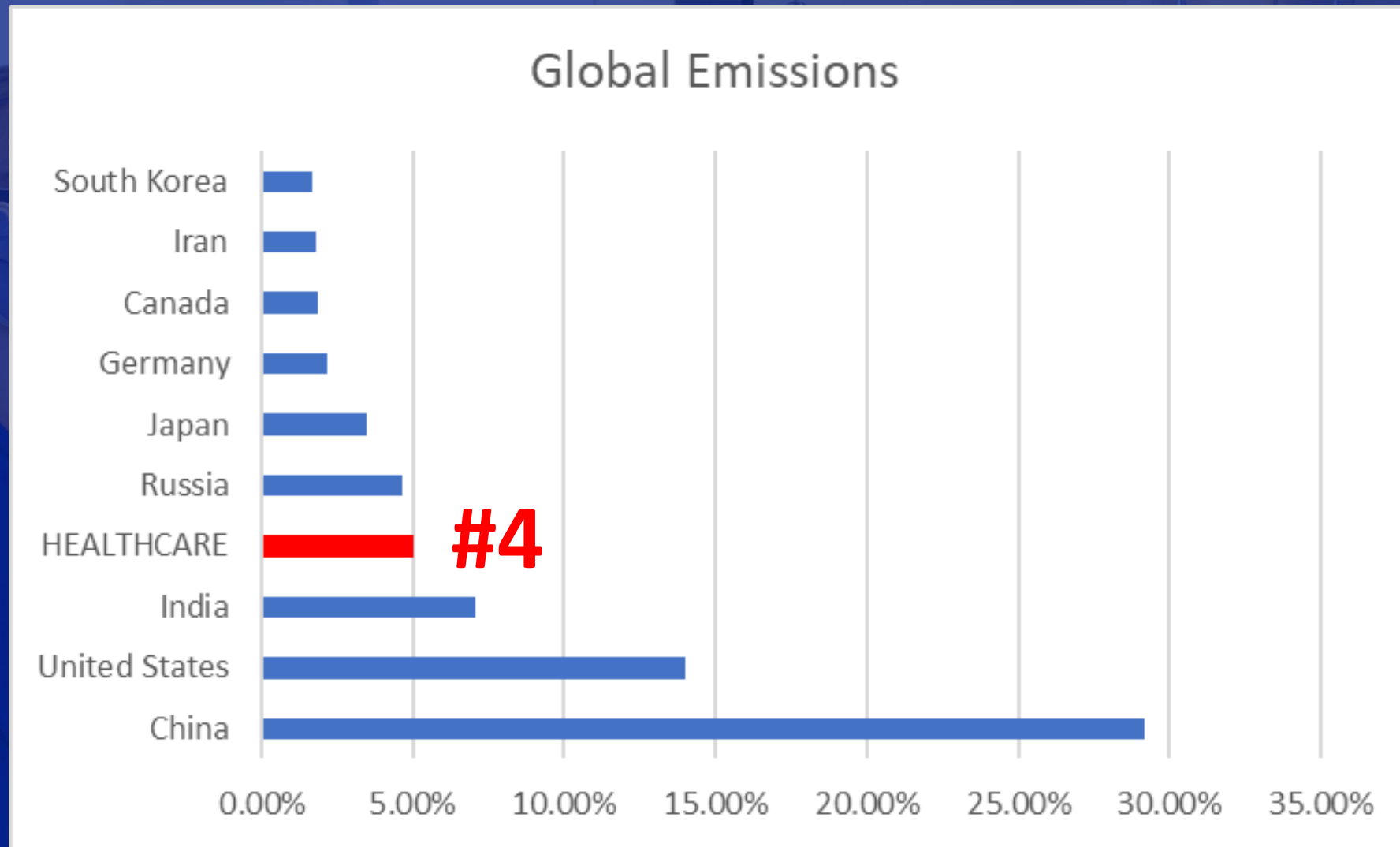
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CLIMATE CHANGE'S NEGATIVE IMPACT ON HEALTHCARE

- Patient Care – heat-related + vector-borne diseases
- Supply Chain Disruptions
- Workforce Strain
- **Operational Challenges**

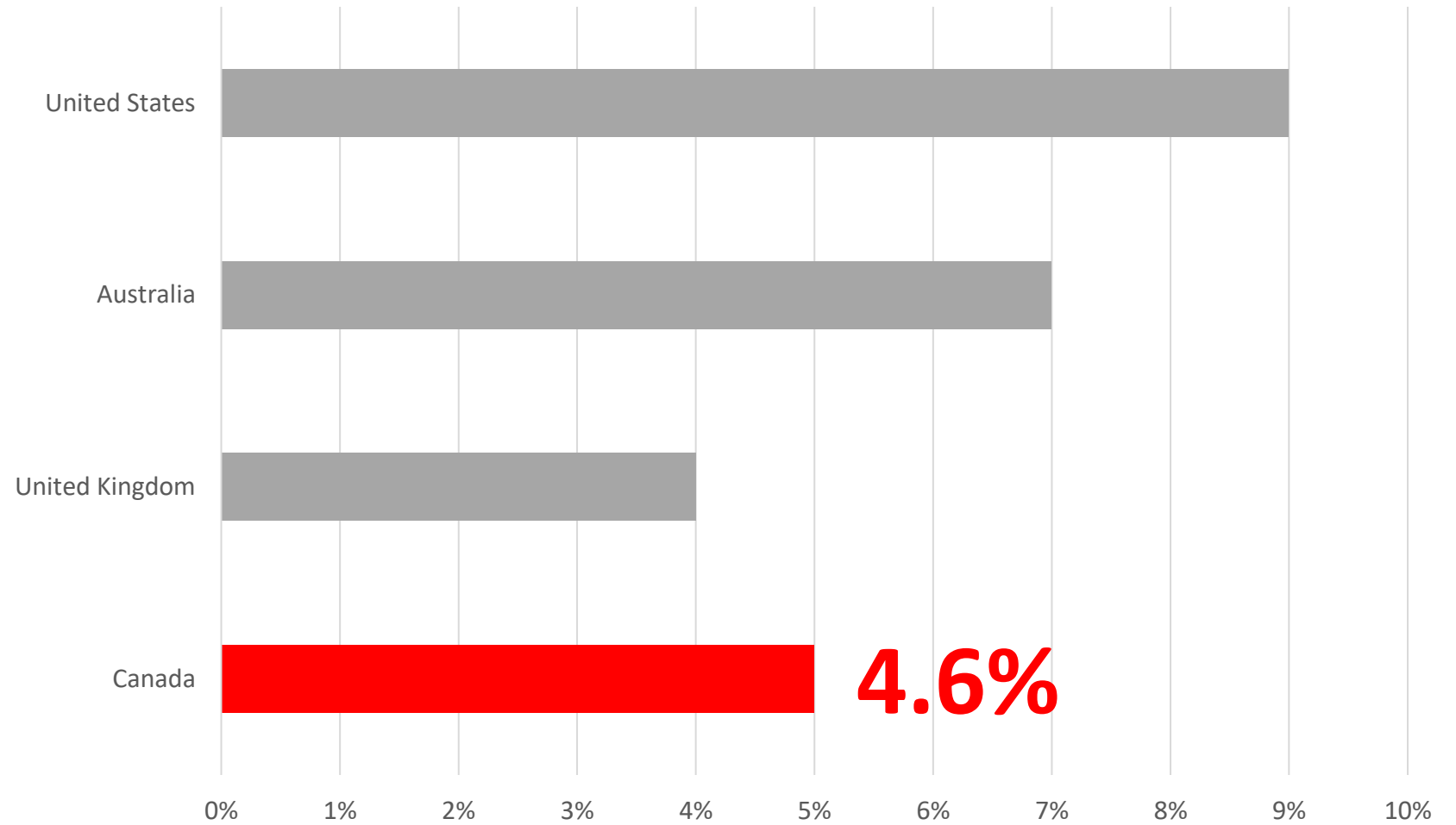


HEALTHCARE & CLIMATE CHANGE



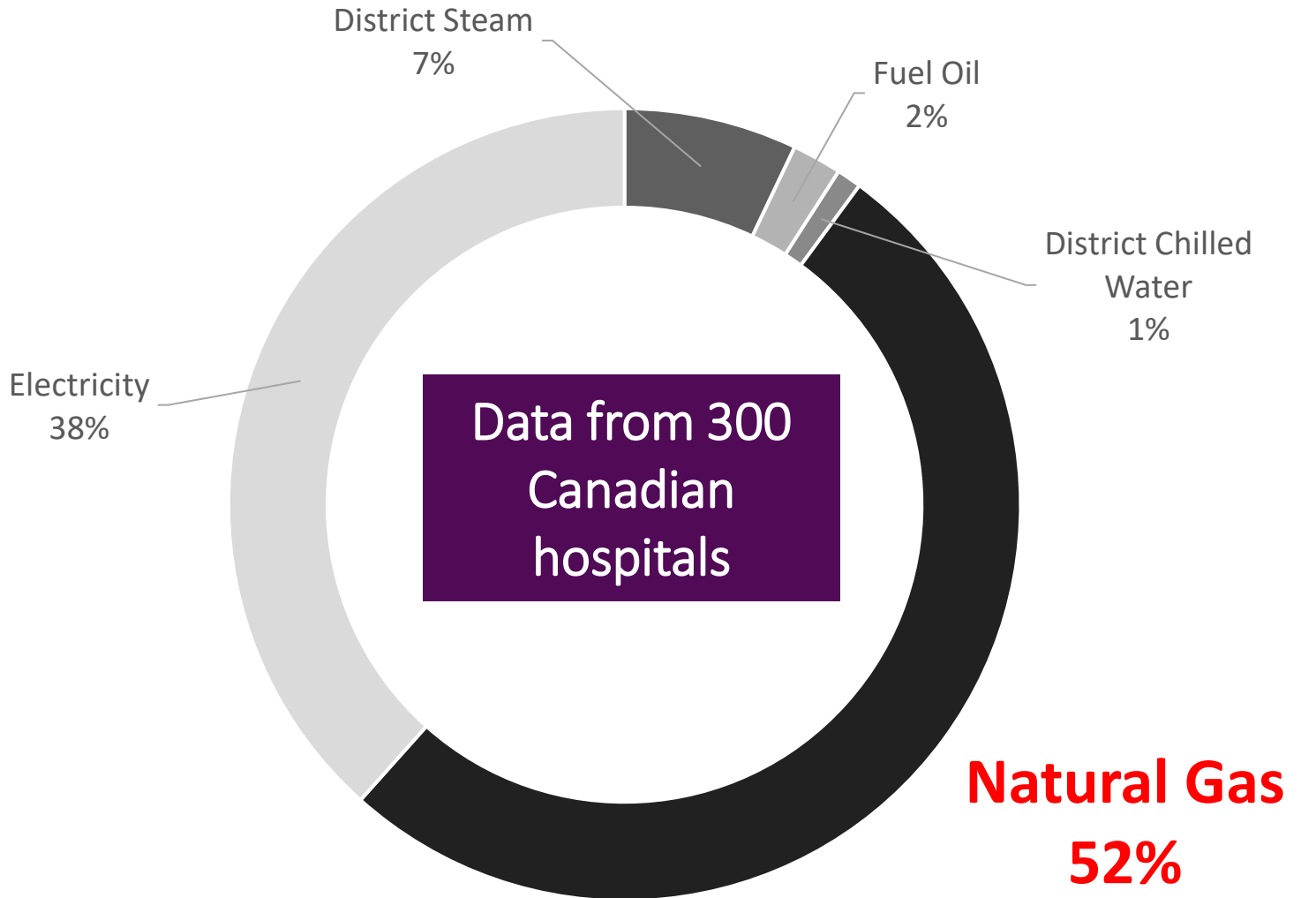


HEALTHCARE: ANNUAL NATIONAL EMISSIONS

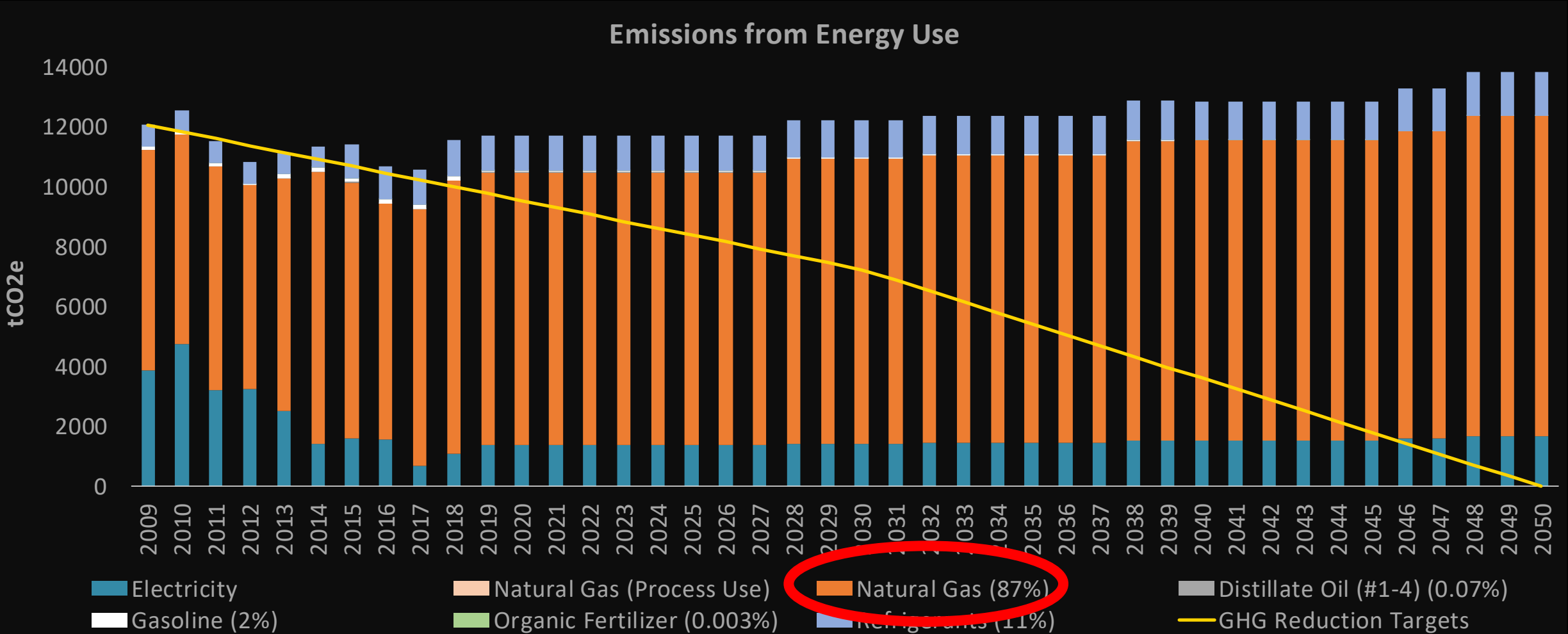


% of GHG Emissions Nationally

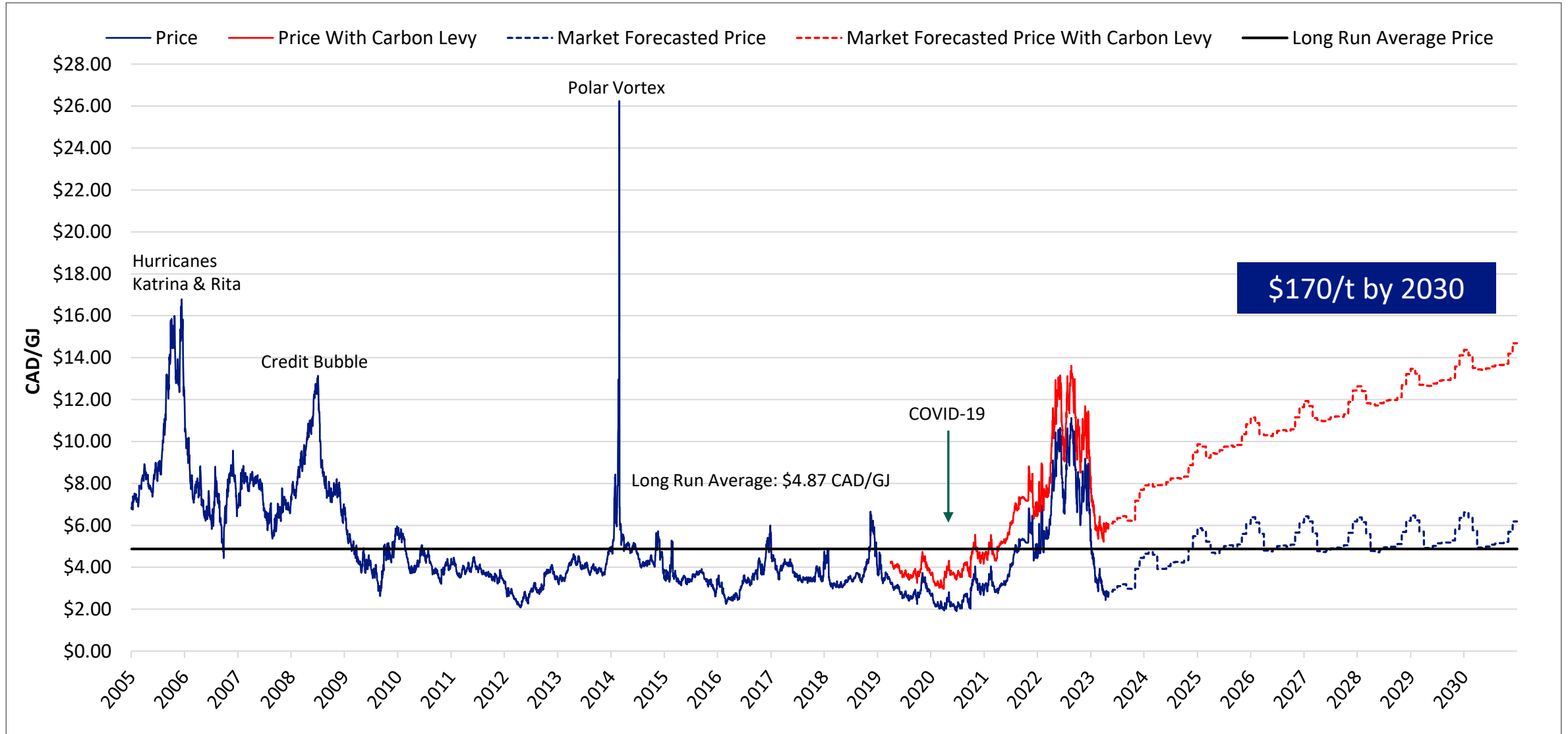
HOSPITAL ENERGY SOURCES



TYPICAL HOSPITAL CARBON EMISSIONS PROFILE



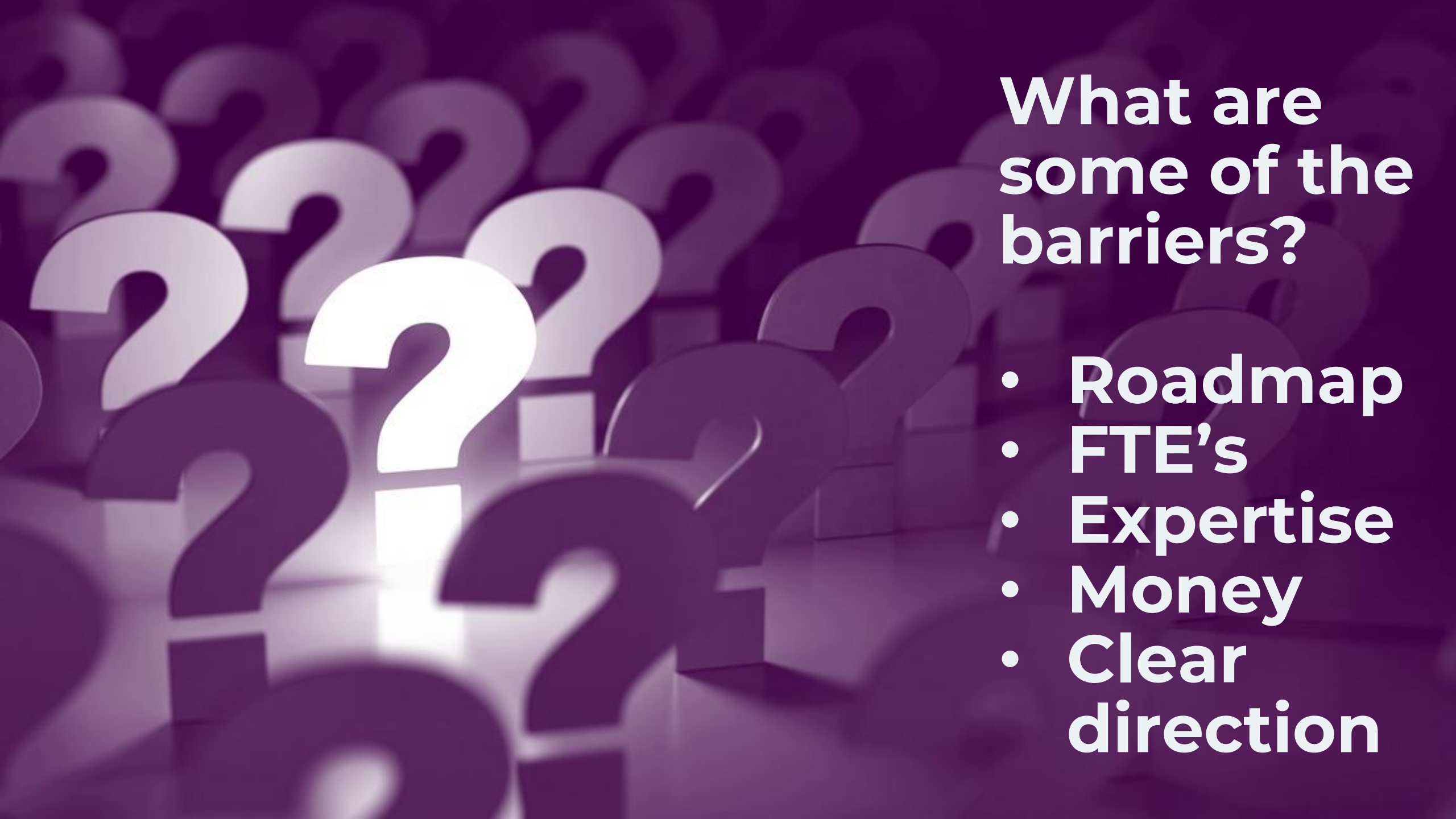
CARBON LEVY IMPACT ON NATURAL GAS PRICES



Overcoming Barriers



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The background of the slide is a dark purple color with a pattern of question marks. One question mark in the center-left is significantly larger and brighter than the others, which are smaller and dimmer, creating a sense of depth and focus.

**What are
some of the
barriers?**

- **Roadmap**
- **FTE's**
- **Expertise**
- **Money**
- **Clear
direction**



**Is the
technology
available to
achieve net
zero
emissions?**

Yes

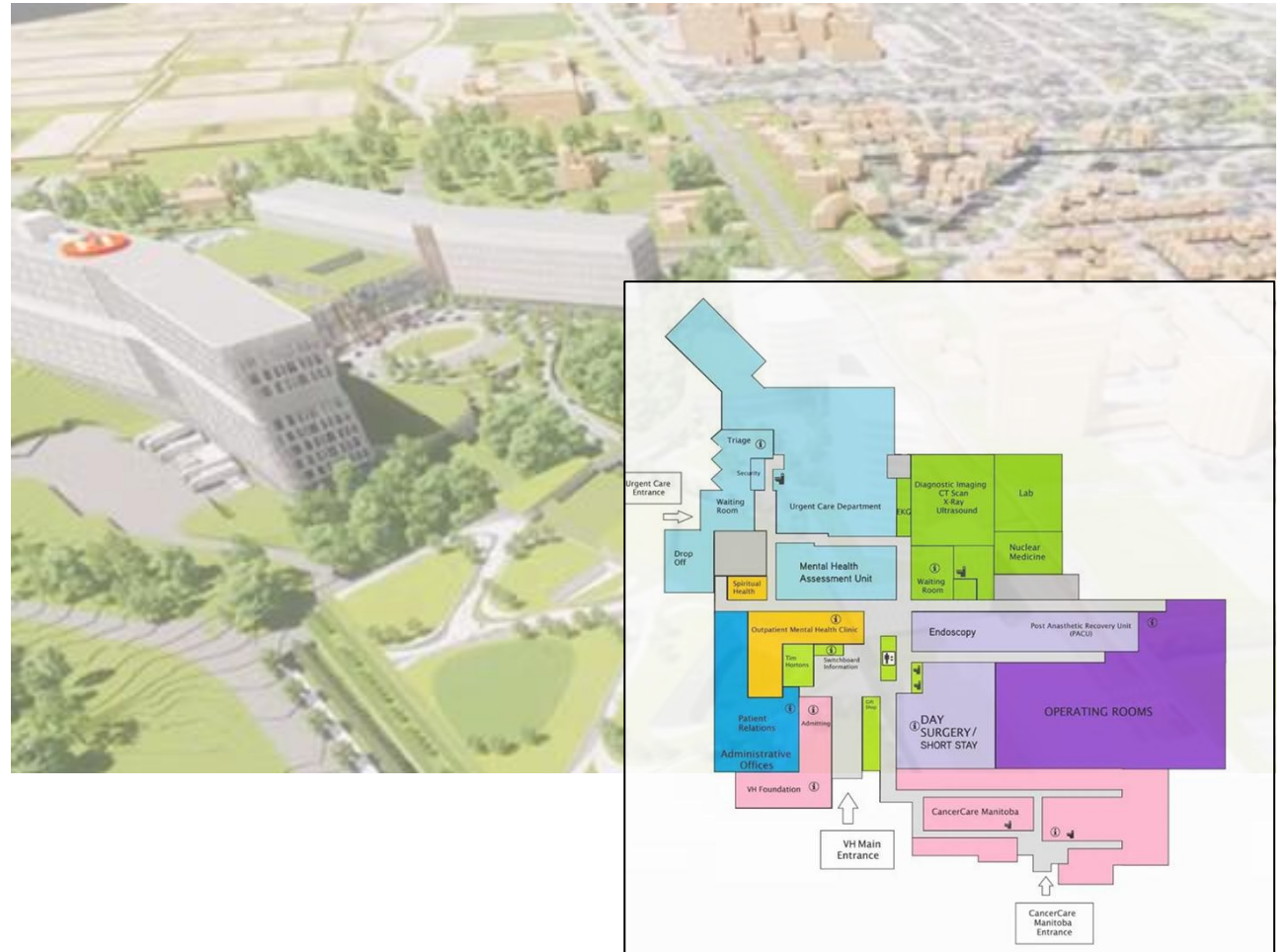


**What's
holding us
back?**

Exec Buy-in

1. Strategic & Infrastructure Master Plans

Reviewed by an Integrated Energy Partner



2. Carbon Assessment & Recommendations from Integrated Energy Partner



3.
**Internal
Stakeholder
Review:
Findings,
Options, &
Insights**



4.
**Start with an
Impactful
Action**



How To Decarbonize



Proven Steps:

1. Strategic & Infrastructure Master Plans Reviewed by an Integrated Energy Partner
2. Carbon Assessment & Recommendations from Integrated Energy Partner
3. Internal Stakeholder Review: Findings, Options, and Insights
4. Start with an Impactful Action



Questions



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Thank you

blackstone
energy services

Be informed. Be in control. Be the change.

rduffy@blackstoneenergy.com