



# Greening Building Operations in Healthcare

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November 26, 2019

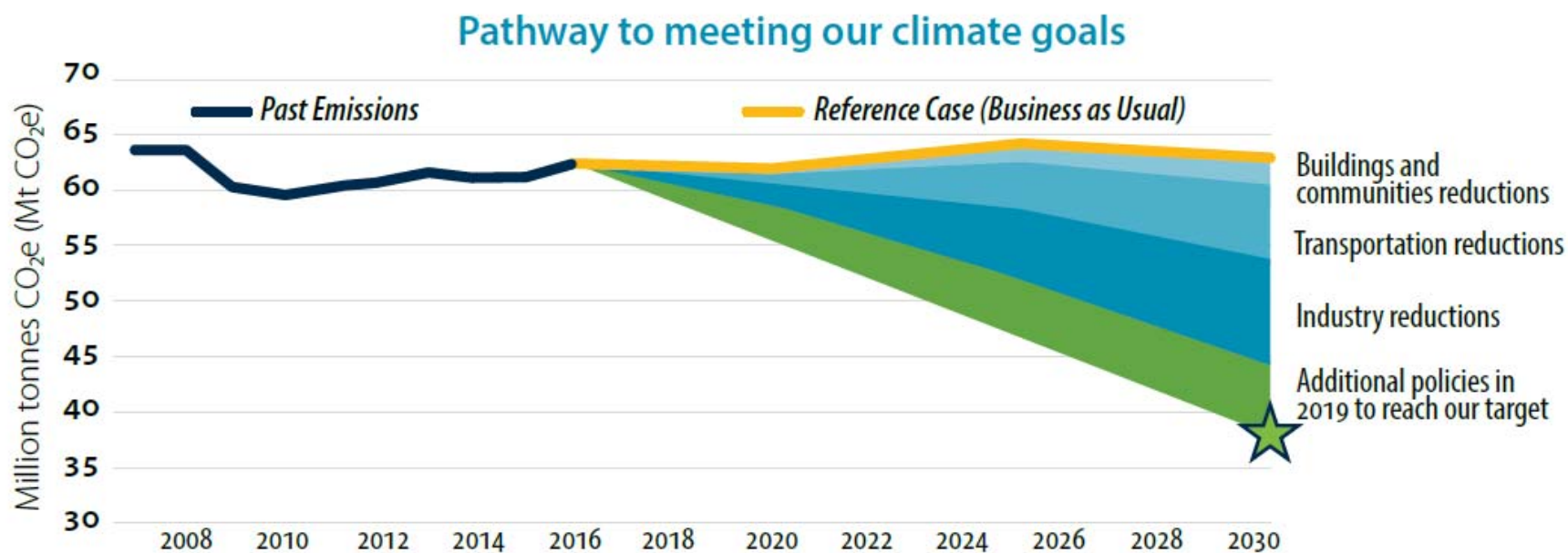
We're working together to help B.C. save energy.



**Interior Health**  
*Every person matters*

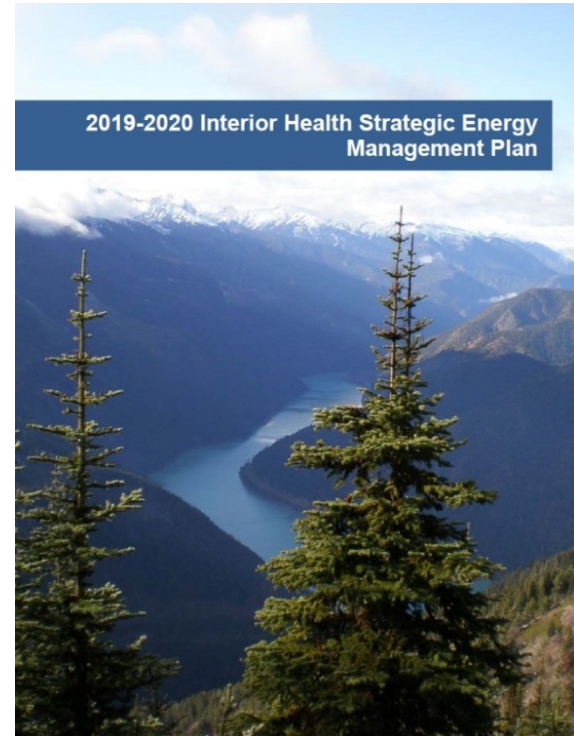
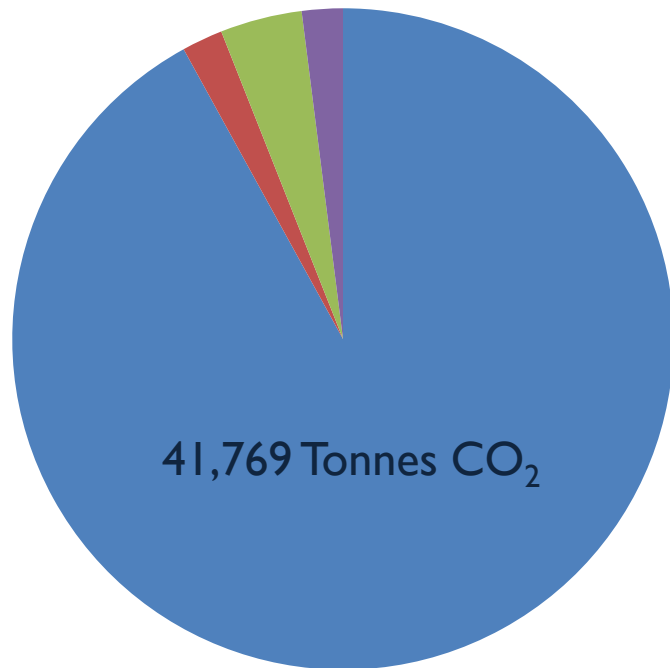


# CleanBC's Pathway to Climate Mitigation





# IH Plan for Building Emissions Reductions







**Zone of No control or Influence**

**Zone of Influence**

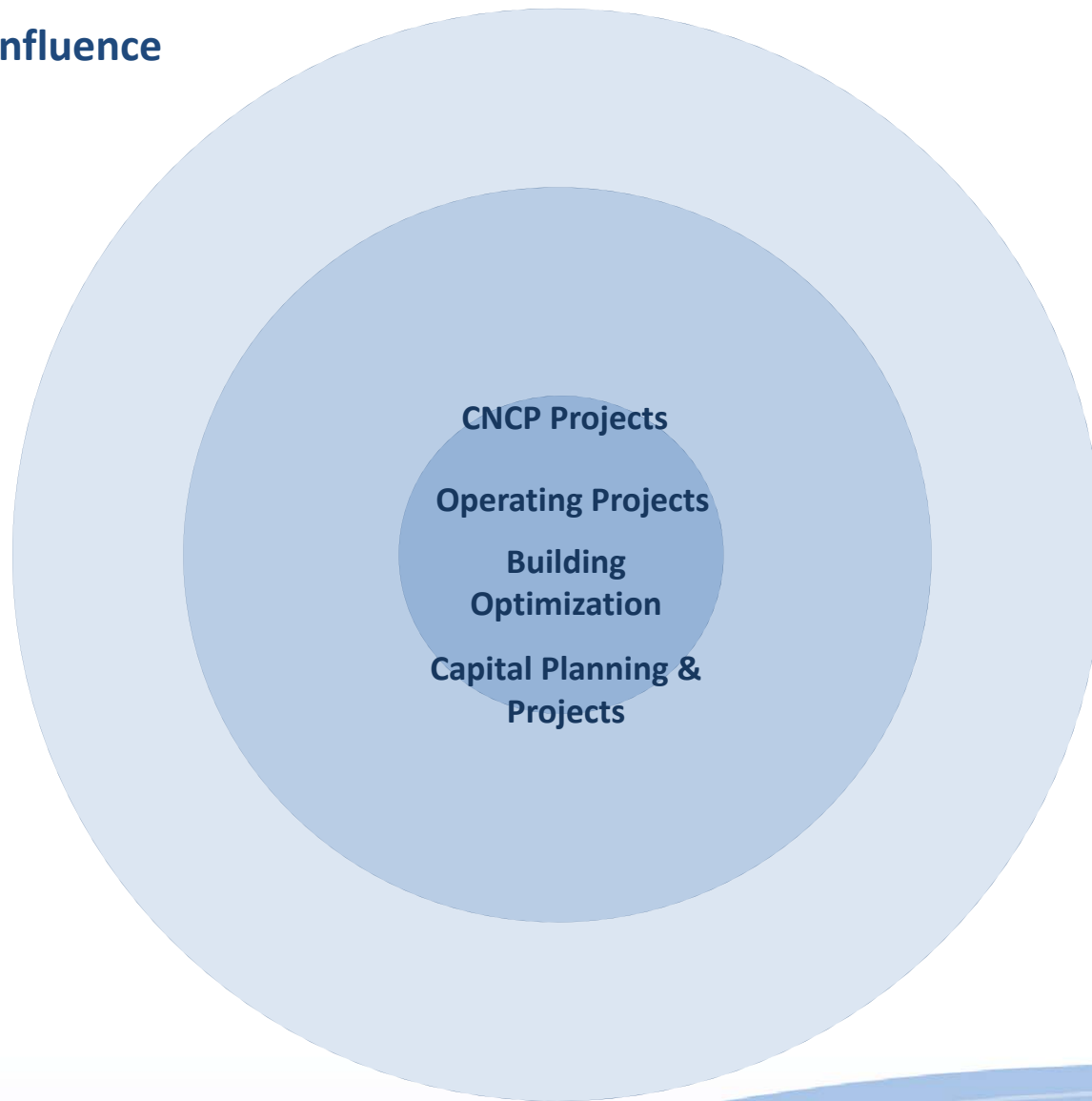
**Zone of Control**



**No control or Influence**

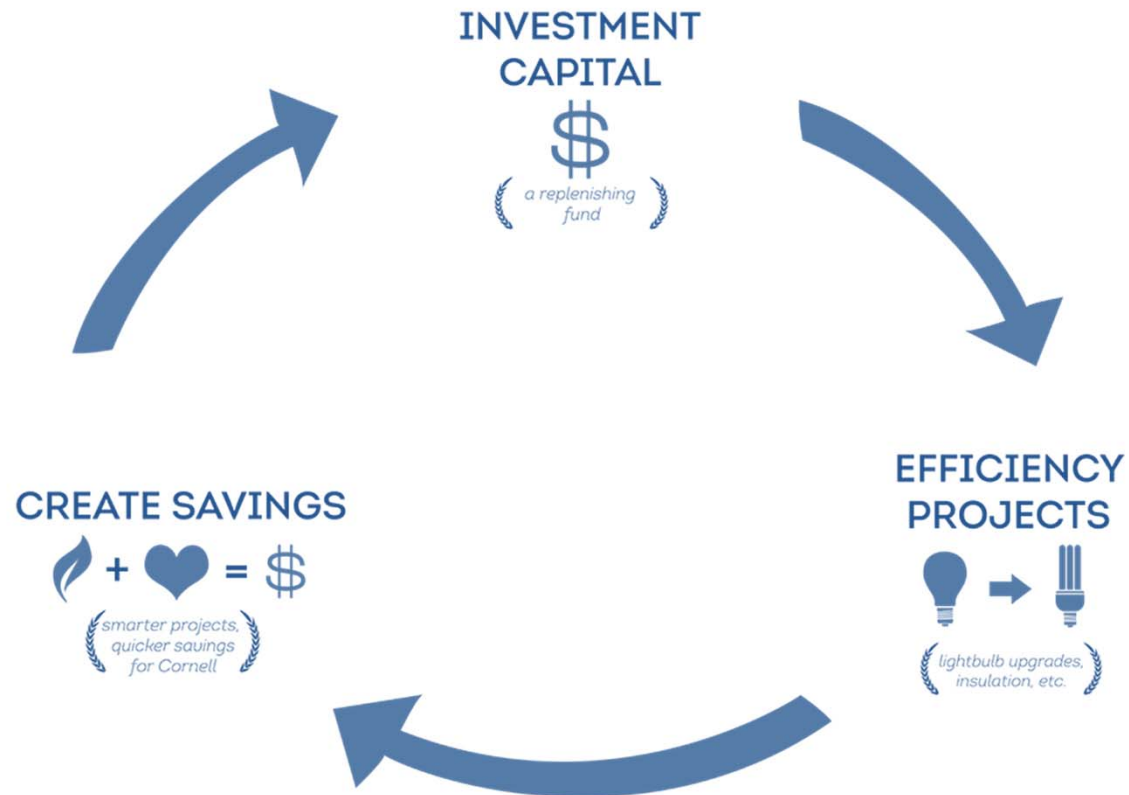
**Influence**

**Control**





# Operating Projects





# Building Optimization

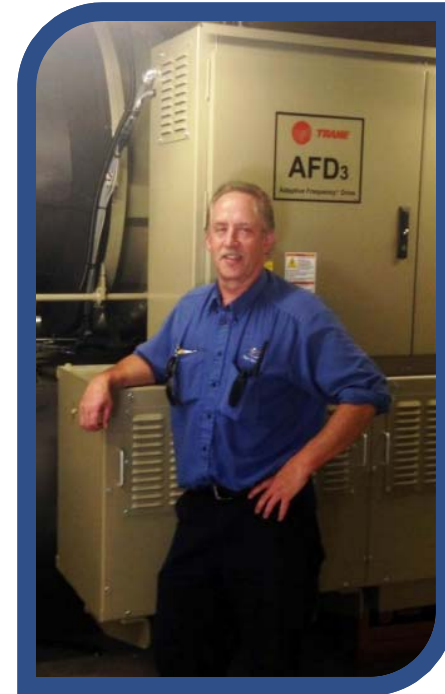
## 1<sup>st</sup> phase – Internal Pilot Retro Commissioning

- Boundary District Hospital Pilot
  - 12.5% natural gas reduction
  - 14% electricity use reduction
  - \$41,300 annual cost savings

## 2<sup>nd</sup> phase – FortisBC Funded Retro Commissioning

- Swan Valley Lodge
- Castlegar Health Centre
- Princeton General Hospital

## 3<sup>rd</sup> phase – Phased Site Retro Commissioning



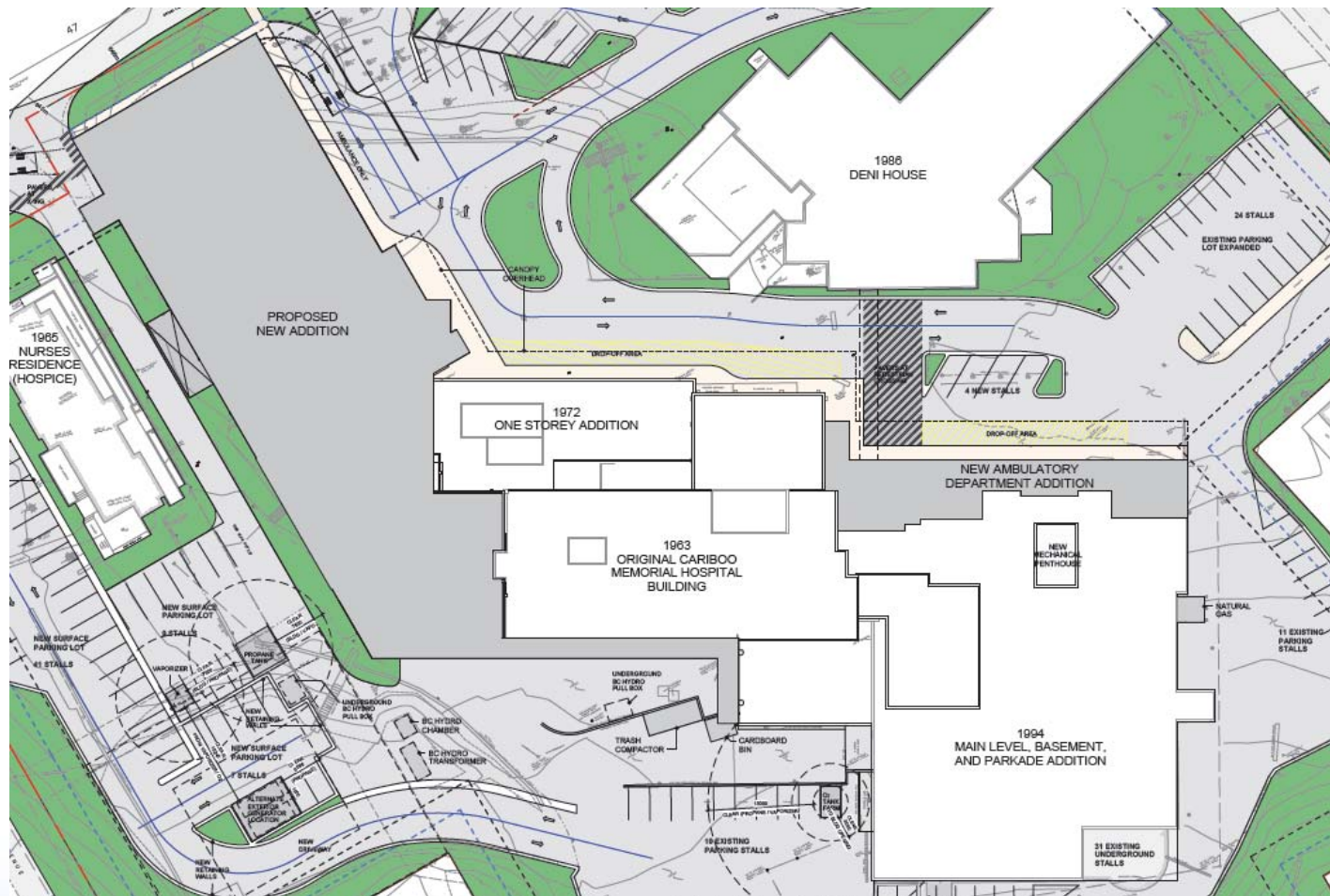


# *Capital Planning & Projects*





# Capital Planning & Projects





# CNCP Projects – Renewable Energy



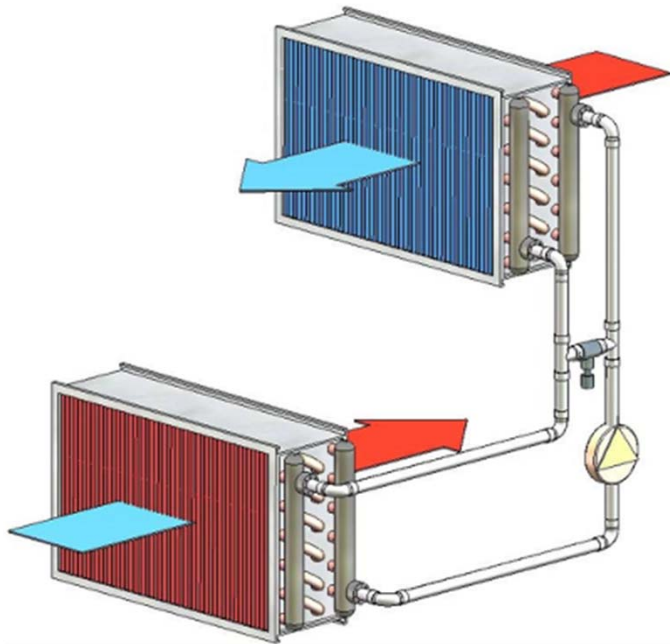


# CNCP Projects – Electrification



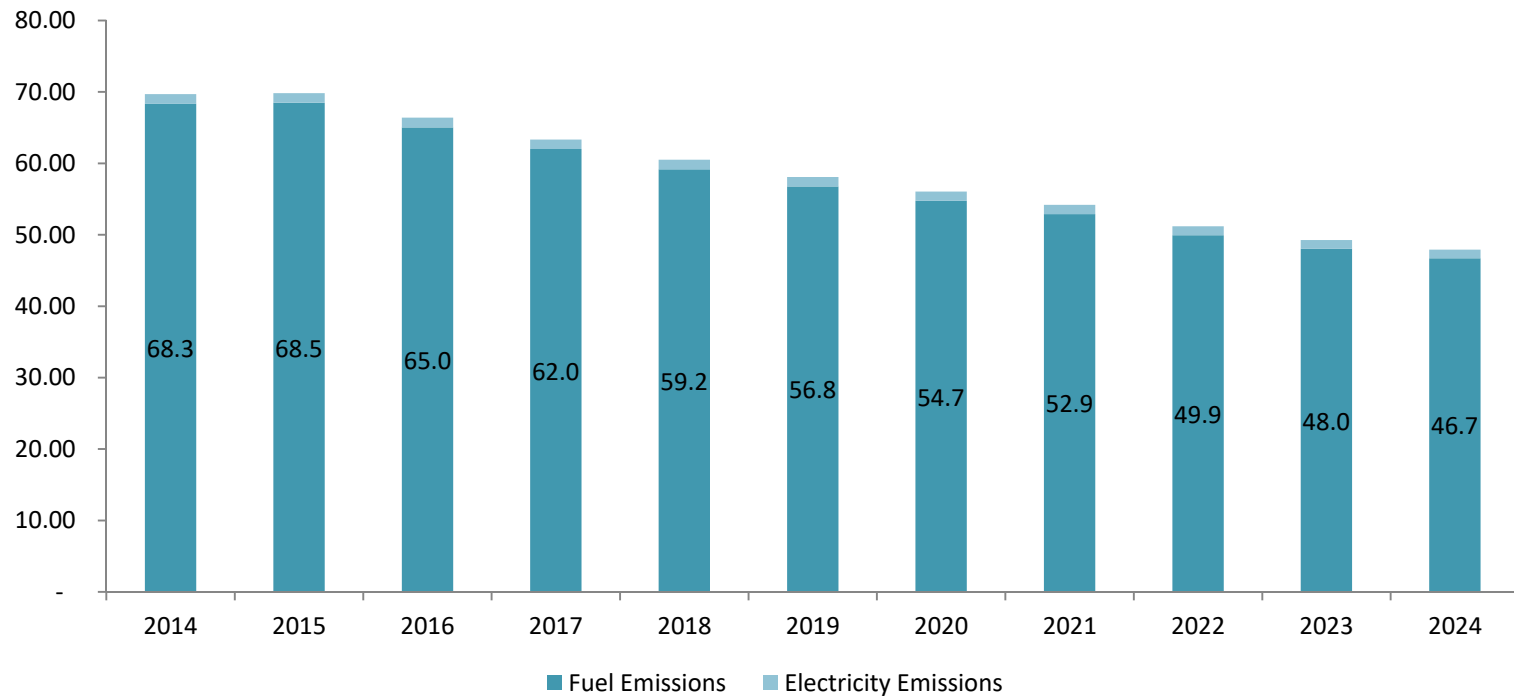


# CNCP Projects— Demand Side Management





# Annual Emission Projection

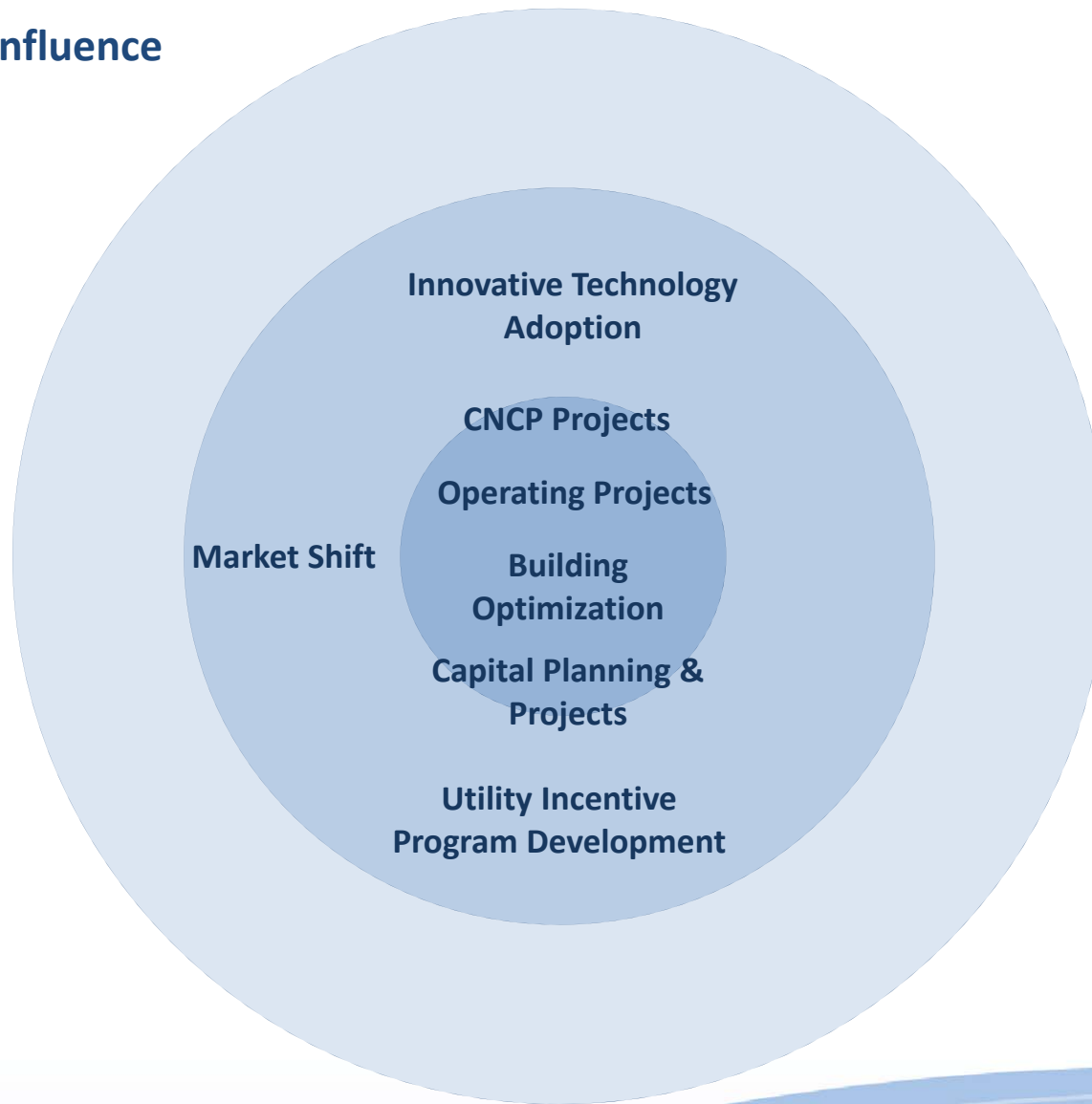




**No control or Influence**

**Influence**

**Control**





# *Innovative Technology Adoption*





## *Market Shift through Third Party Financing*

- East Kootenay Regional Hospital
- Shuswap Lake General Hospital
- Kootenay Lake Hospital





# Utility Incentive Program Development



Energy at work  FORTIS BC  
Clean growth pathway to 2050





No control or Influence

Influence

Control

