

An aerial photograph of Vancouver, British Columbia, showing the city's skyline, False Creek, and the surrounding mountains. The city is densely packed with high-rise buildings, and the water is filled with boats and ships. The mountains in the background are covered in green forest.

# Southeast False Creek Neighbourhood Energy System

IDEA Conference  
June 2018





# Southeast False Creek NEU Overview



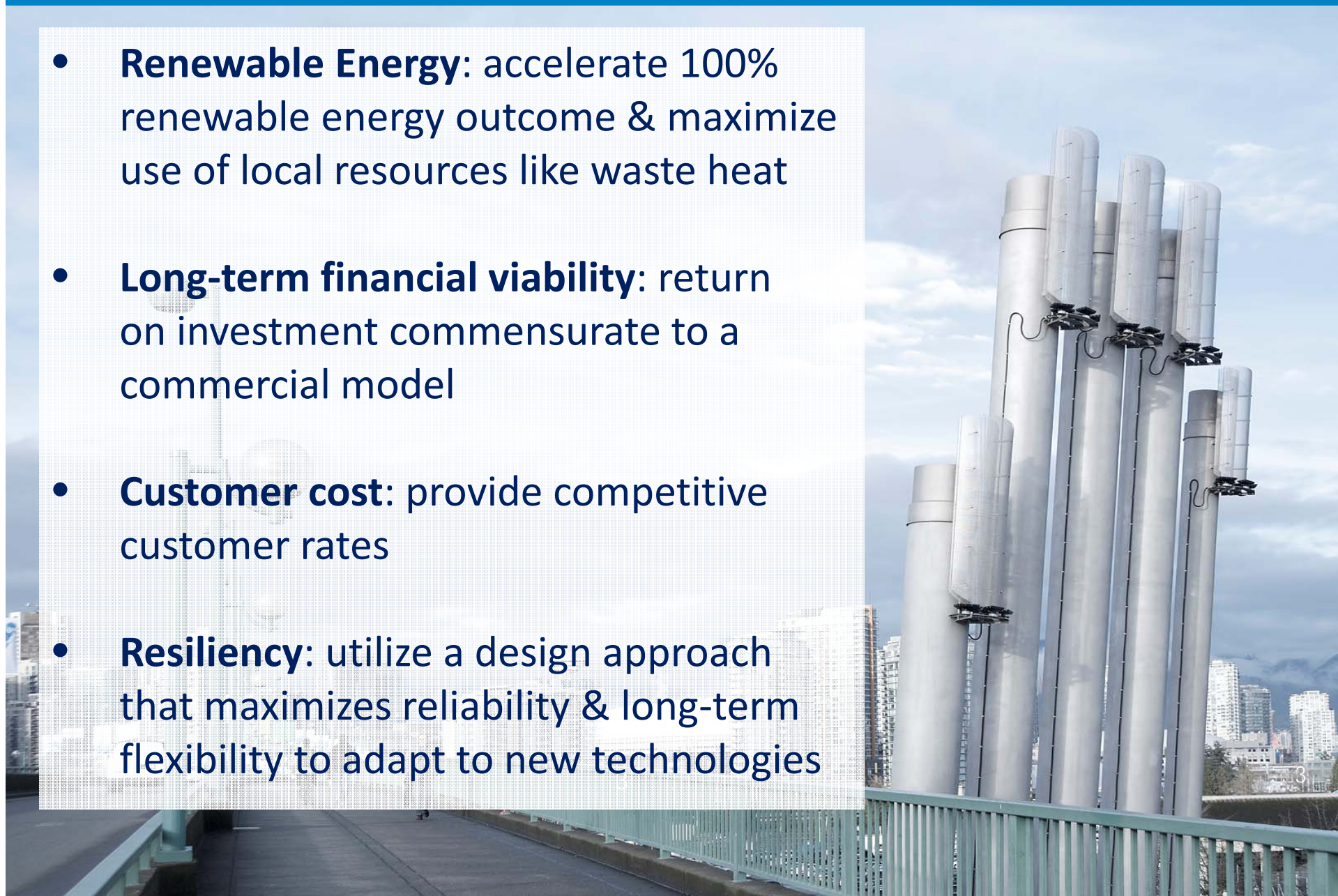
- Utility provides space heat & domestic hot water
- Operational since 2010
- Owned & operated by the City with independent oversight by Expert Panel
- 70% of energy from renewable sources: waste heat from sewage + renewable natural gas
- Financially self-sustaining, delivering cost-effective renewable energy



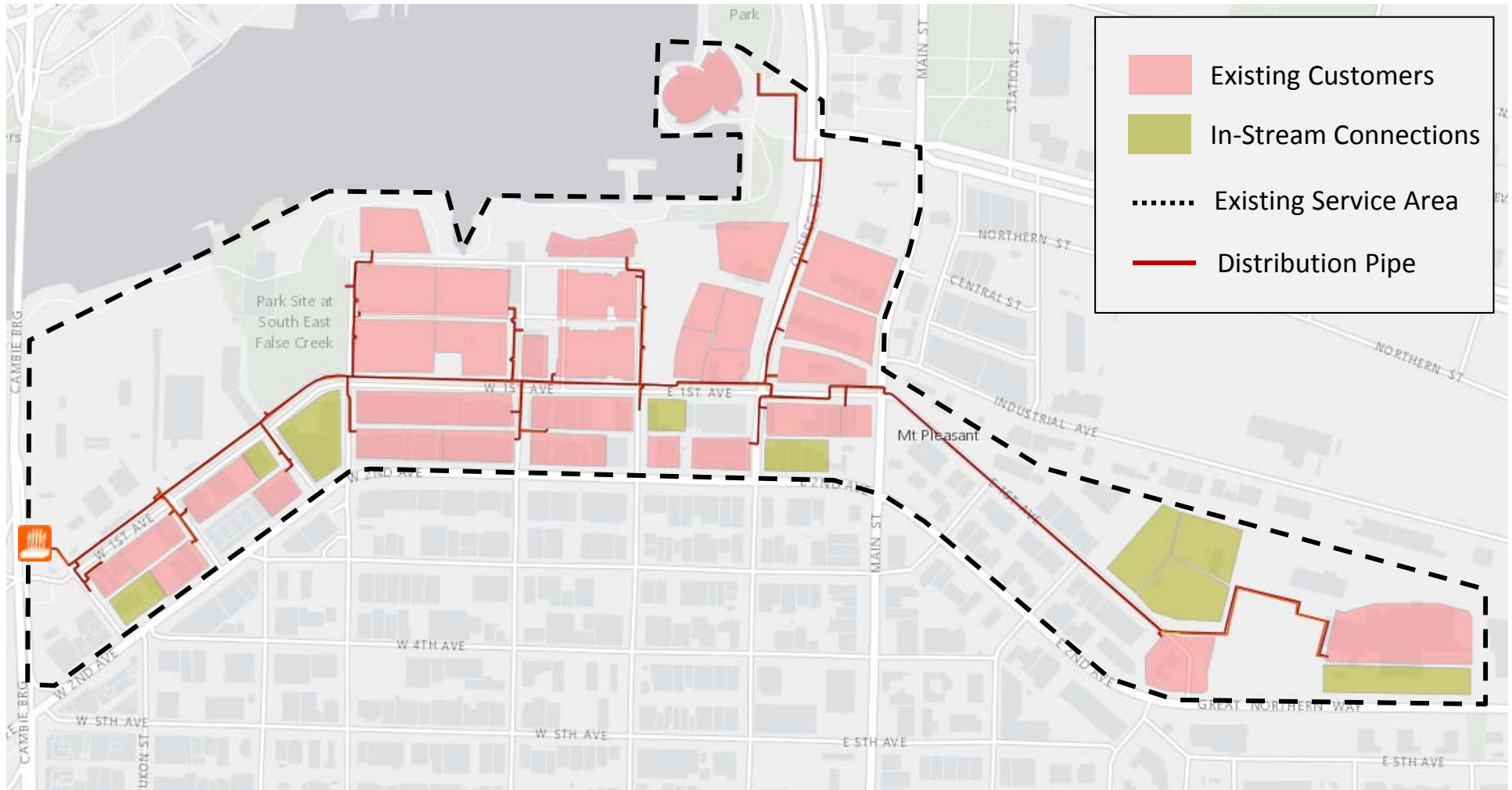


# Utility Principles of Governance

- **Renewable Energy:** accelerate 100% renewable energy outcome & maximize use of local resources like waste heat
- **Long-term financial viability:** return on investment commensurate to a commercial model
- **Customer cost:** provide competitive customer rates
- **Resiliency:** utilize a design approach that maximizes reliability & long-term flexibility to adapt to new technologies



# Current Service Area



**Buildings Connected: 32** | **Floor Area: 5.2 M sq. ft.** | **Pipe Length: 4.7 km**  
*480,000 m<sup>2</sup>* *2.9 miles* 4



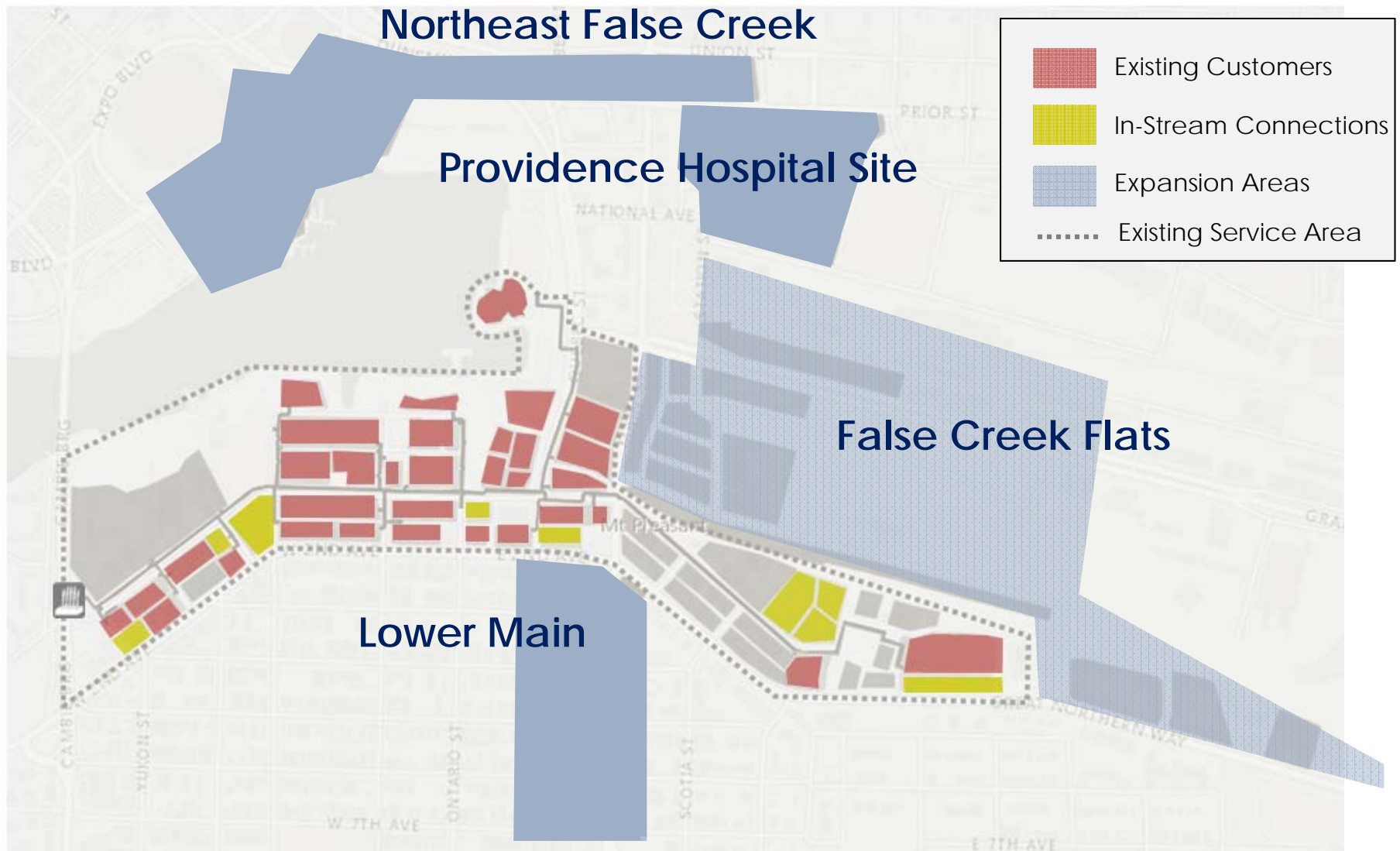
# NEU Expansion

A photograph of an industrial facility, likely a water treatment plant. The scene is filled with large, complex piping systems. Some pipes are painted a bright green, while others are wrapped in silver insulation. In the center, there are several large, dark-colored cylindrical tanks or components of machinery. The background shows more industrial structures and a concrete floor.

On February 21, 2018 City Council approved an expansion plan for the the City-owned NEU to parts of Lower Main, the False Creek Flats, and NE False Creek.



# Expansion Plan Areas



~22 million sq. ft. of floor area at build-out  
~2 million m<sup>2</sup>





More during the tour...

Learn more at  
[vancouver.ca/neu](http://vancouver.ca/neu)