

ERNST & YOUNG *BOSTON*

EY Global Goal:
Net-Zero by 2050

Boston = Top 5
Sustainable City

Historic Building = Infrastructure Challenges

PHASE 1

MINIMAL COST, *HIGH IMPACT*

2025 - 2028



HVAC SETPOINTS

±3°F setpoint changes during
winter and summer months



COMPOST BINS

5 compost bins replacing
existing trash cabinets

583,222 ▼ **\$158,251**

lb Reduction in CO₂ Emissions

Savings



HVAC OCCUPANCY SENSORS

Occupancy sensor add-ons to pre-existing motion sensor

Existing infrastructure provides a **strong foundation for implementation**

2,525,999

lb Reduction in CO₂ Emissions



\$65,475

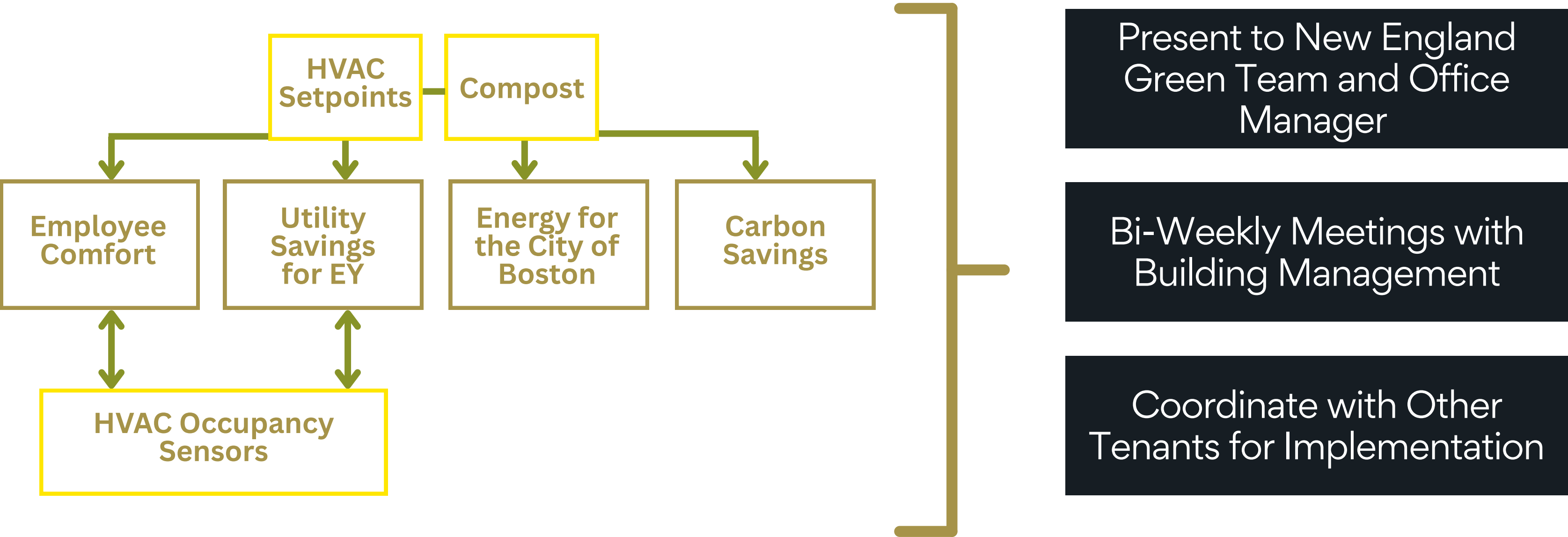
Savings



~2

Year Payback Period

FULL-CIRCLE SOLUTION



10-Year Horizon

3,109,221

**lb Reduction in
CO₂ Emissions**



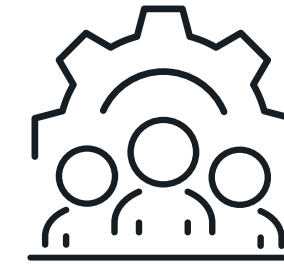
\$223,726

In Cost Savings



4-Way Win:

**Key Impact
Communities**



***A Scalable Blueprint* for Aging Infrastructure in
Corporate America**