SUSTAINABILITY CONTEXT

AFFORDABILITY
ZERO CARBON
NET ZERO

PHIUS+ 2015 quite successful

WHY CERTIFY? IT SHARES THE KNOWLEDGE:
• Of how to do this
• That anything is happening
• QAQC peace of mind
OPTIMUM LEVELS BASED ON BUILDING SIZE AND OCCUPANT DENSITY (15 scenarios)
Global Climate Zones – ASHRAE Standard 169-2013

Key Parameters:
- Heating/Cooling Degree days using Max/Min daily temperatures
- Annual precipitation

PHIUS+ 2018
Space Conditioning Criteria Estimator

ASHRAE Climate Zone: 5B
Floor Area (ft²): 2,500
Total Occupancy: 4

Estimated Space Conditioning Criteria:
- Heating Demand: 8.2 kBTU/ft²yr
- Cooling Demand: 6.8 kBTU/ft²yr
- Heating Load: 5.8 BTU/ft²hr
- Cooling Load: 4.1 BTU/ft²hr