

# Subtask A: Collection and Evaluation of Input Data for Energy Master Planning

- A.1 Goal: Research and develop representative building energy benchmarks and targets
- A.1 Status: Reports and metrics collected and analyzed from U.S., Germany, Austria, and Norway. Findings - Existing benchmarks and targets for each country were developed in different ways making them not directly comparable. Findings summary paper in preparation.
- A.2 Goal: Develop a database of energy utilization indexes (EUI) of Public, Academic, and Armed Forces building types
- A.2 Status: Standardized data collection template completed. U.S. & Denmark data in. Germany & Austria collecting data.

# Subtask A: Collection and Evaluation of Input Data for Energy Master Planning (cont.)

- A.3 Goal: Establish a database of representative building models .
- A.3 Status: Sources of models for all building types identified. Team currently pulling models together.
- A.4 Goal: Collect and develop energy efficiency incremental and total costs for building, HVAC, supply, and renewable technologies, etc.
- A.4 Status: Team working to identify sources of data. Collaborating with Subtask C on list of technologies.

# Subtask A: Next Steps

- Complete paper on comparison of existing benchmarks and targets (FY19 Qtr 1)
- Finalize database of energy utilization indexes (EUI) of Public, Academic, and Armed Forces building types (FY19 Qtr 1-2)
- Using consensus approach, develop consistent energy performance targets (for each country) (FY19 Qtr 2-3)
- Assemble representative building models and package into database for usability (FY19 Qtr 2-3)
- Collect and develop incremental and total costs database by energy efficiency technology (FY19 Qtr 3-4)