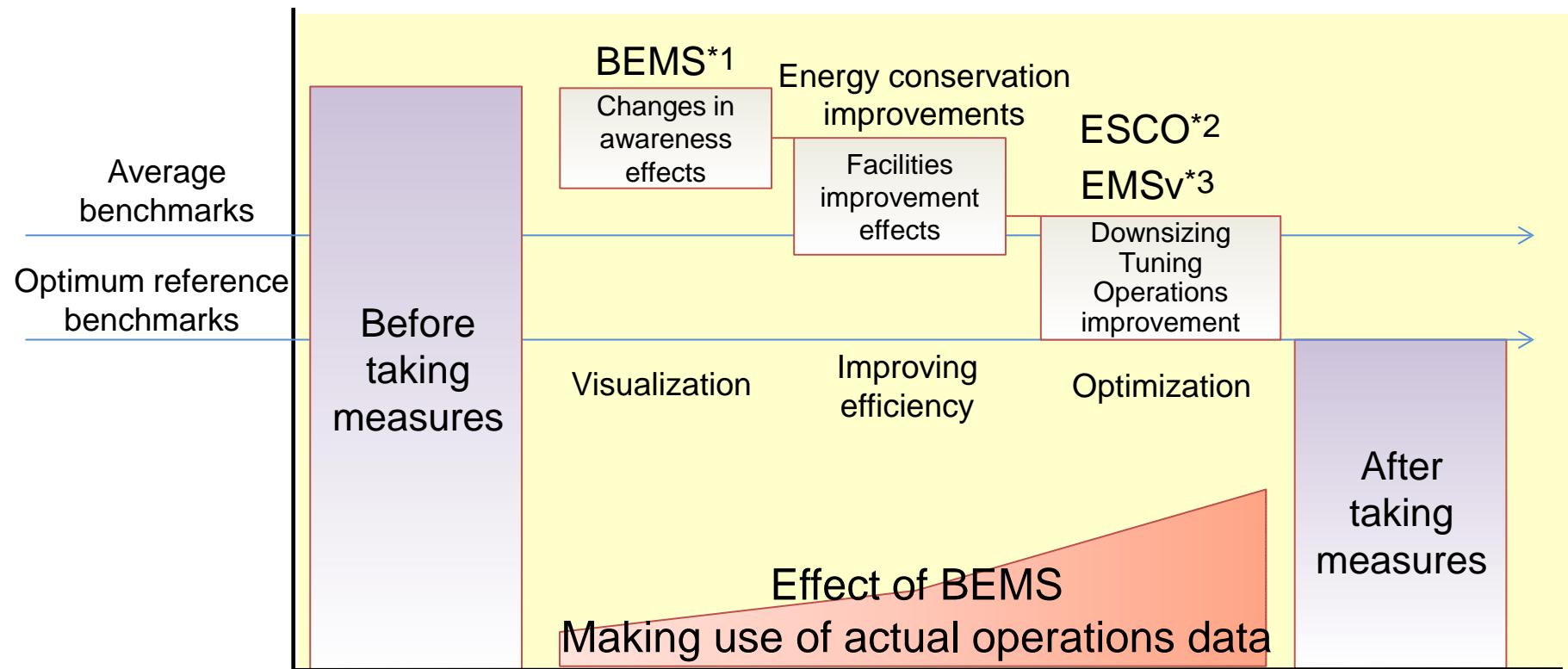


# Implementation of thorough energy management in the commercial sector (Making use of BEMS, energy conservation audits, etc.)

- The constituent elements for realizing energy conservation are changes in awareness by visualization, improvements in efficiency due to facilities renewal, and additionally improvements in facilities operations. The utilization of BEMS is essential to realize energy conservation.
- In order to realize the application of BEMS to the maximum extent, promotion of the application of energy management supporting services is important, together with the popularization of BEMS.



Downsizing:

This is the calculation of the optimum capacities of heat sources, etc. and the downsizing of facilities. For general facilities improvement, even if there is excess heat source capacity, in many cases the design adopts the same capacity to avoid risks resulting from downsizing.

\*1 BEMS: Building Energy Management System

\*2 ESCO: Energy Service Company

\*3 EMSv: Energy Management Service

Source: Azbil Corp. presentation materials 4 relating to the 2nd Long-term Energy Supply and Demand Subcommittee