

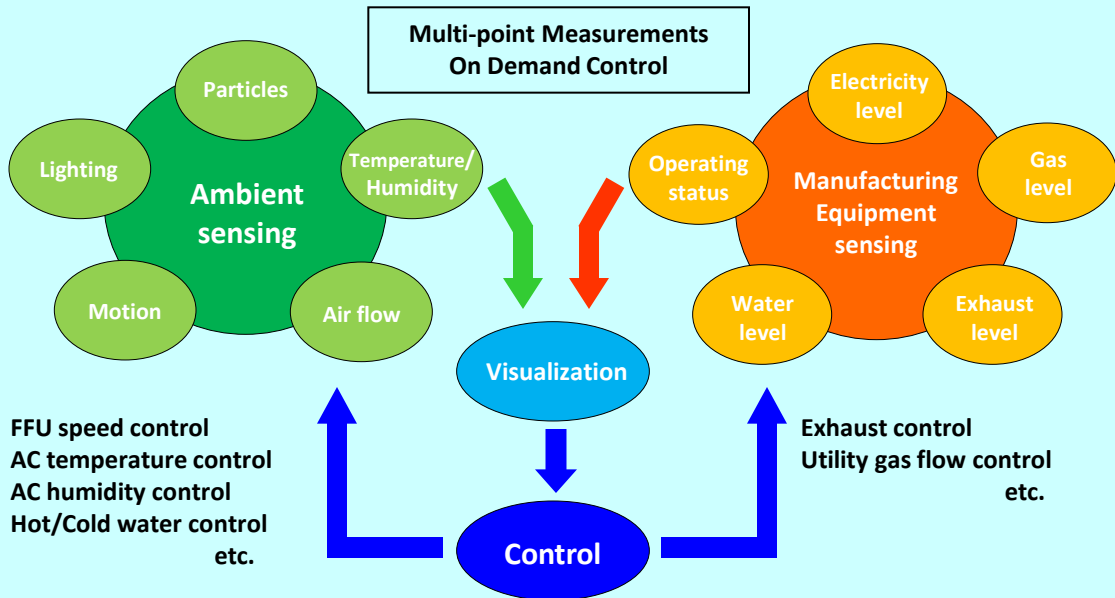
# Green Operation on demand (GOOD) for clean room : koji Ando

**Keywords:** On Demand Control , Visualization , Ambient Sensing ,  
Manufacturing Equipment Sensing , Air Conditioning Control

## Abstract

◆ Sensor network can realize "Clean on Demand" in a clean room through measurements at numerous points ,and significant energy savings.

■ Constructing a Sensor network to reduce CO2 emission in a clean room  
Optimize energy usage while maintaining quality with Multi-point measurements.



■ Smart Air Conditioning System (Clean on Demand)

**From**  
 Particles : Periodic measurement  
 Temperature/Humidity : Little-point measurement

**To**  
 Particles : Continuous measurement  
 Temperature/Humidity : Multi-point measurement

