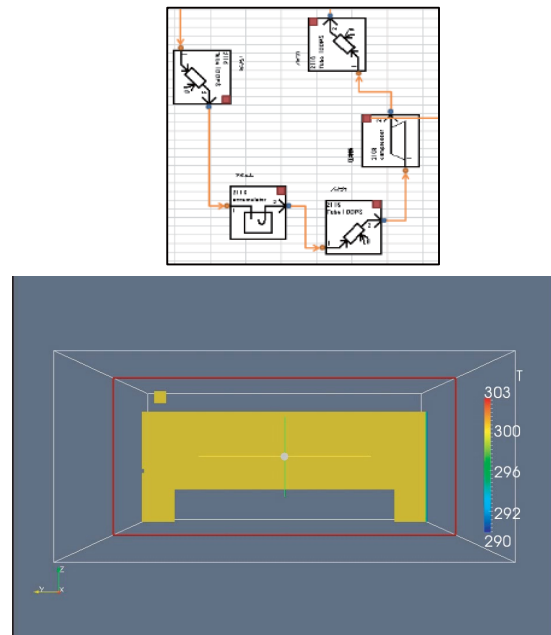


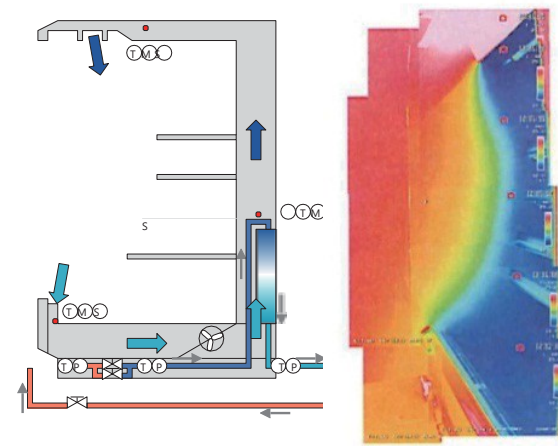
社会実装① システムの最適化

理論解析体系を活用したシステムの最適化

Multi-physics analysis

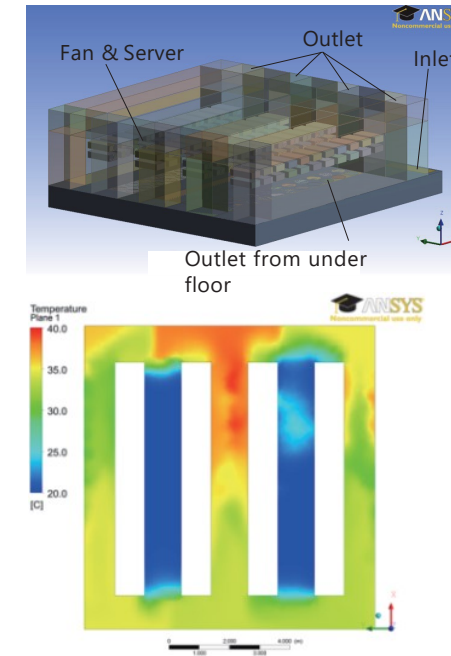


Show case analysis



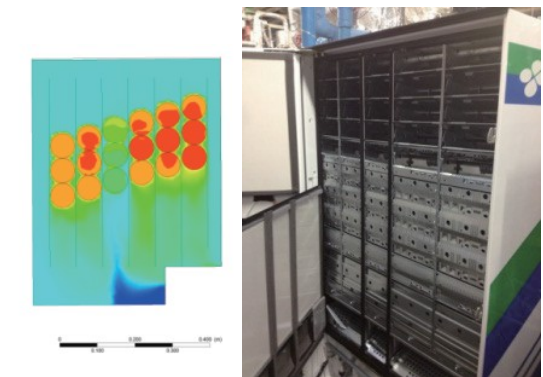
Optimization of whole show case and introduction of natural refrigerant

Vending machine analysis

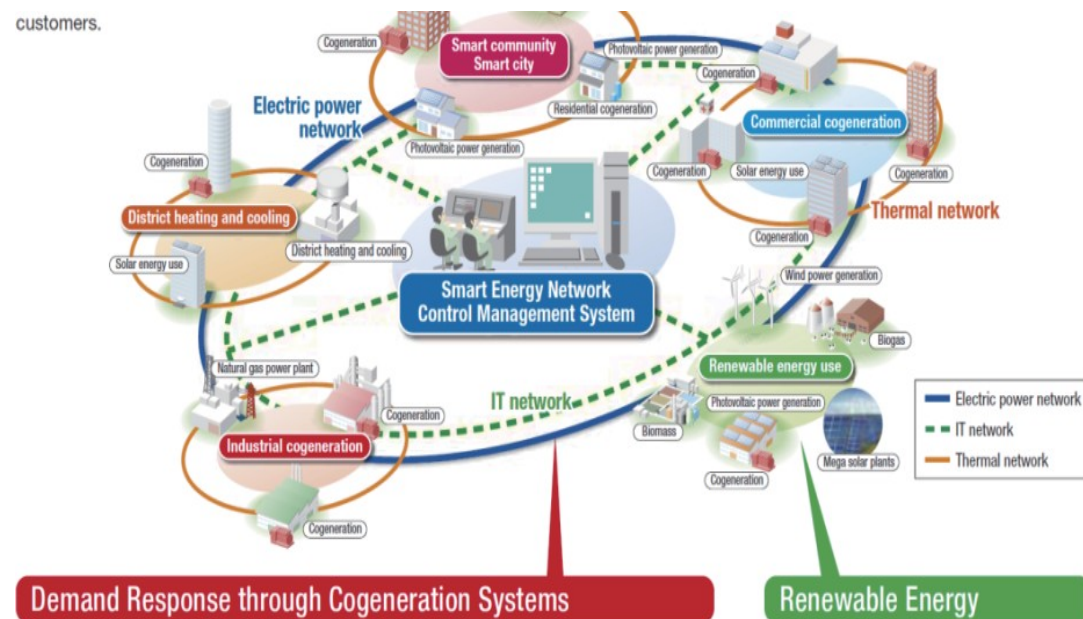


Optimization of whole vending machine and introduction of natural refrigerant

Multi-physics analysis

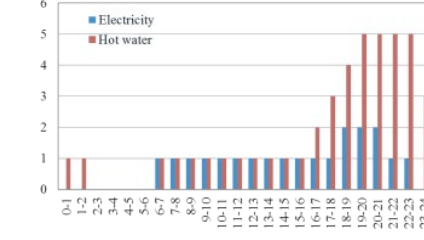


Total areas energy analysis



Area	Area (m²)	Electric load (kW)	Hot water load (kW)	Thermal load (kW)
Residential	100000	1000	500	1000
Commercial	50000	500	250	500
Industrial	20000	200	100	200
Public facilities	10000	100	50	100
Medical facilities	5000	50	25	50
Governmental facilities	5000	50	25	50
Education facilities	5000	50	25	50
Research facilities	5000	50	25	50
Other facilities	5000	50	25	50

Residential



Commercial

