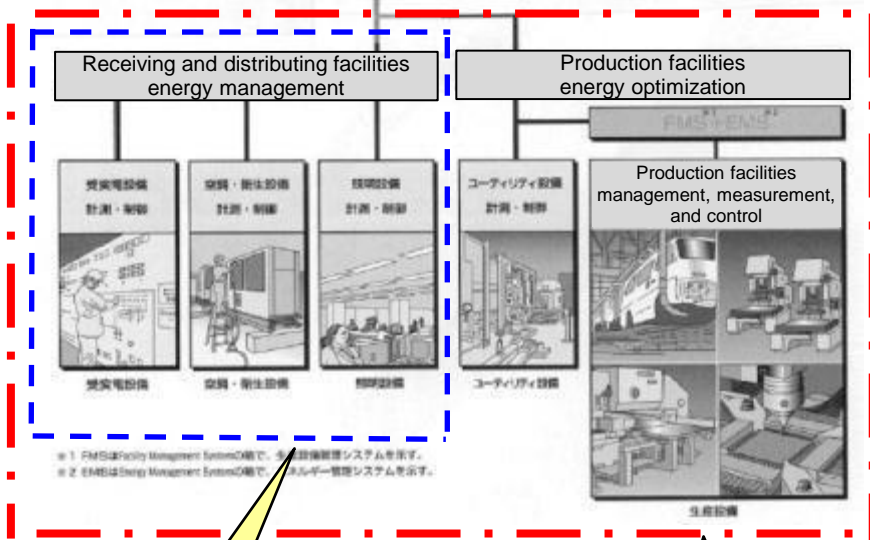
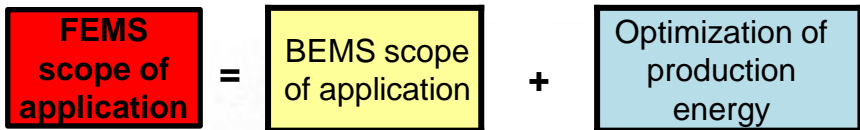


# Implementation of thorough energy management in the industrial sector

## (Improvements of operations by energy management using FEMS, etc.)

- The popularization of Factory Energy Management Systems (FEMS) will be required to gain an understanding of the energy usage situation and operation conditions of the production facilities in factories, to rationalize the energy use, and to optimize the total life cycle management of facilities and equipment in factories.
- By applying the IoT (Internet of Things) such as by using sensors to measure, audit, and analyze production facilities, it should be planned to improve energy intensities through implementing flexible production and facilities predictive maintenance.

### FEMS scope of application



BEMS scope of application

FEMS scope of application

### FEMS activity cycle

Source: The Japan Electrical Manufacturers' Association

