

Country Paper for

**Multicountry Observational Study Mission on Innovative Enterprises
Implementing Energy Management System(ISO 50001)**

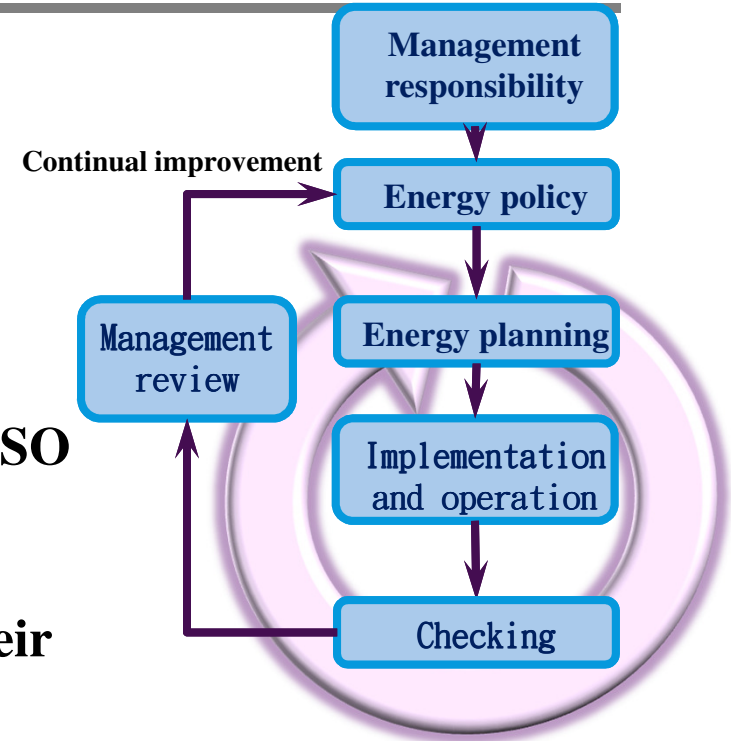
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Industrial Energy management system guidance

- The ISO's new energy management standard, ISO 50001, was announced in June 2011.
- Since 2012, Taiwan IDB actively prepare to assist industrial plants in establishment of ISO 50001.
- In 2013, the guidance project was started. Forty factories were assisted to establish their ISO 50001.

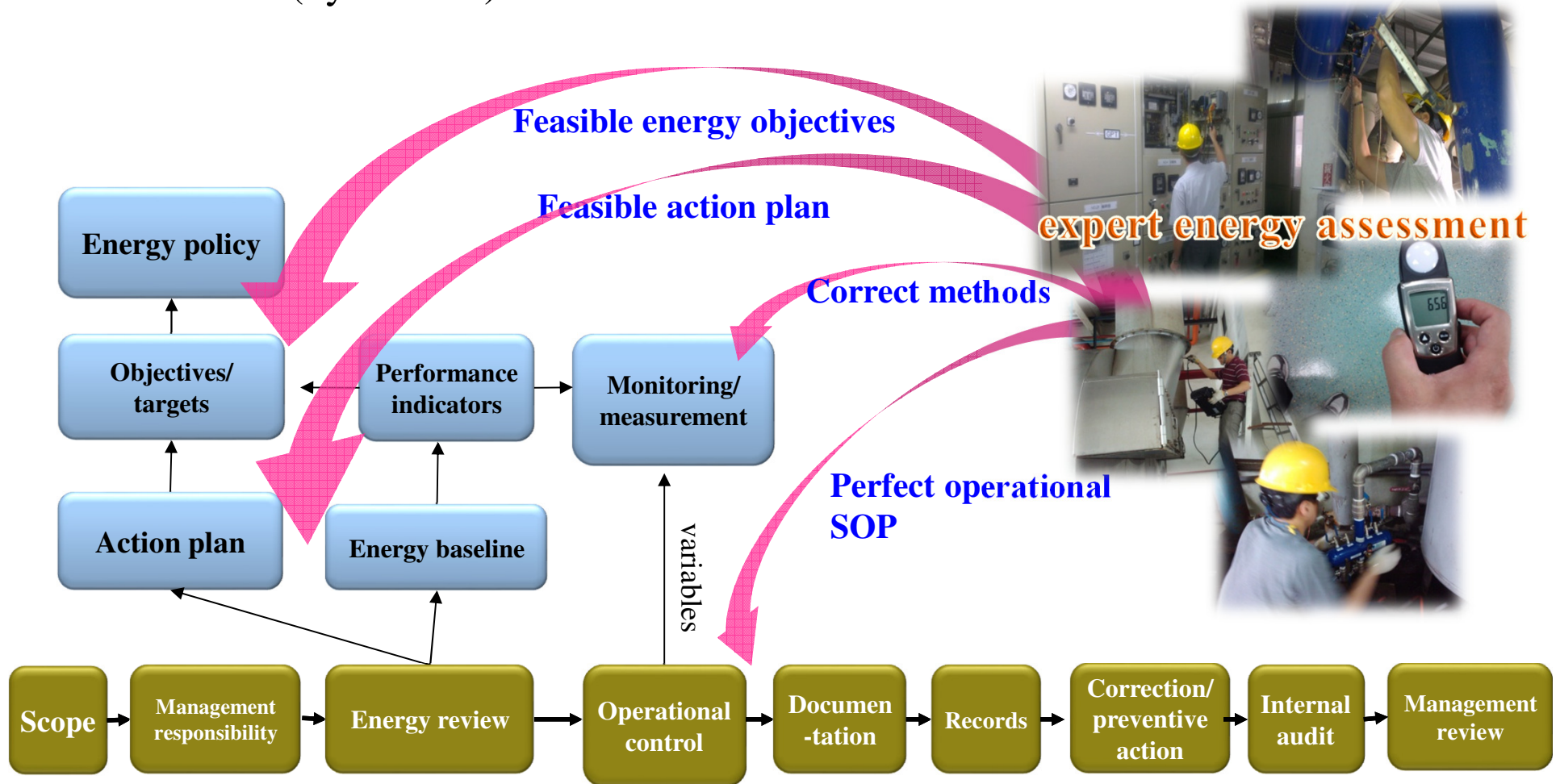


National policy	International standard	International trend	Sustainable development	Energy saving
To improve energy review management mechanisms and energy efficiency	By synergy guidance model, IDB extend establishment of ISO 50001 for small and medium enterprises	By developing processes and tools, IDB assist industrial plants in establishing ISO 50001 easier	By the expert energy assessment, industrial plants can achieve their energy efficiency objectives.	By the training course of ISO 50001 establishment, IDB improve guidance quality.



Industrial Energy management system guidance

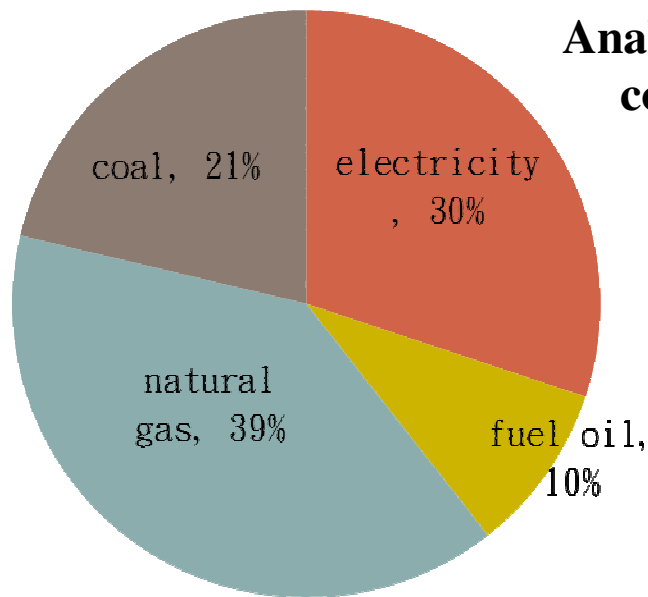
■ The advantage of combining ISO system guidance and expert energy assessment (by ESCOs) include :





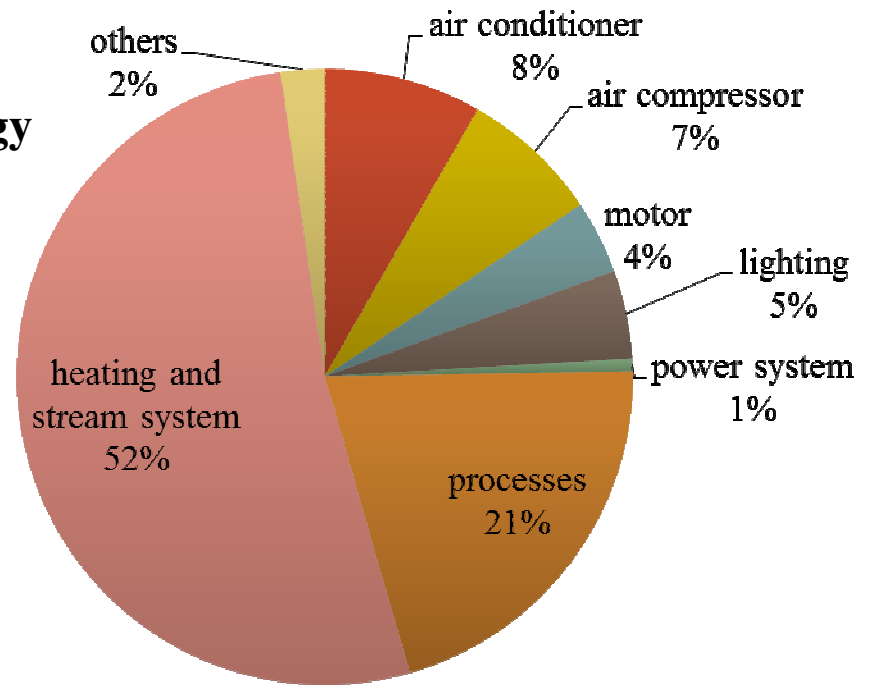
IDB Industrial Energy management system guidance

■ In 2013, Taiwan IDB assist forty factories to establish ISO 50001. The guidance project also assist forty factories to decrease 24 millions kwh of electric energy, decrease 12,858 KLOE of fuels, decrease 280 million of energy cost, and increase 350 million of ESCO's output value. Then, these factories will continually improve their energy efficiency in the future.



By energy types

Analysis of energy conservation



By system types

■ In 2014, Taiwan IDB still assist forty-five factories to establish ISO 50001 to continually decrease their energy cost and increase their competitiveness.

■ Best extension effects

