



CLEANER PRODUCTION

In

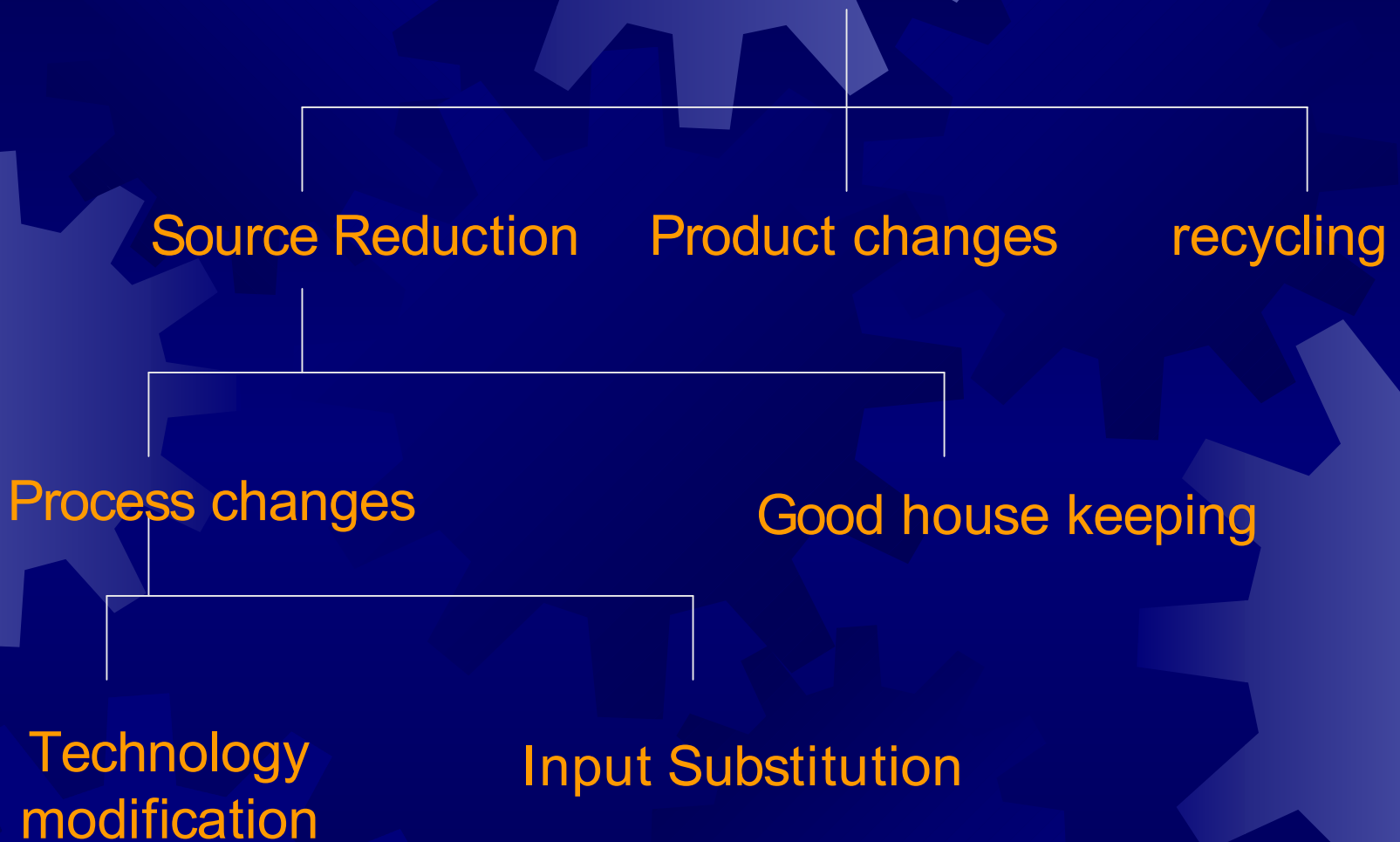
Electricity Generating Authority of Thailand



EGAT's Vision

Providing an efficient and reliable power supply at a competitively low price with environmental and social concerns

Cleaner Production in EGAT



Process Changes

- Modification of three thermal generators from oil to oil/gas firing with more modern and efficient burning equipment



Initially South Bangkok power plant was thermal power source running on bunker oil



the year 2002

EGAT's generation from
natural gas accounted for 32.85 %
oil
2.11%

save cost about 1,341 Million Baht

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- EGAT has continuously pursued and supported research and development programmes to improve the effectiveness of its environmental technologies and management

Continual Improvement

Management Review

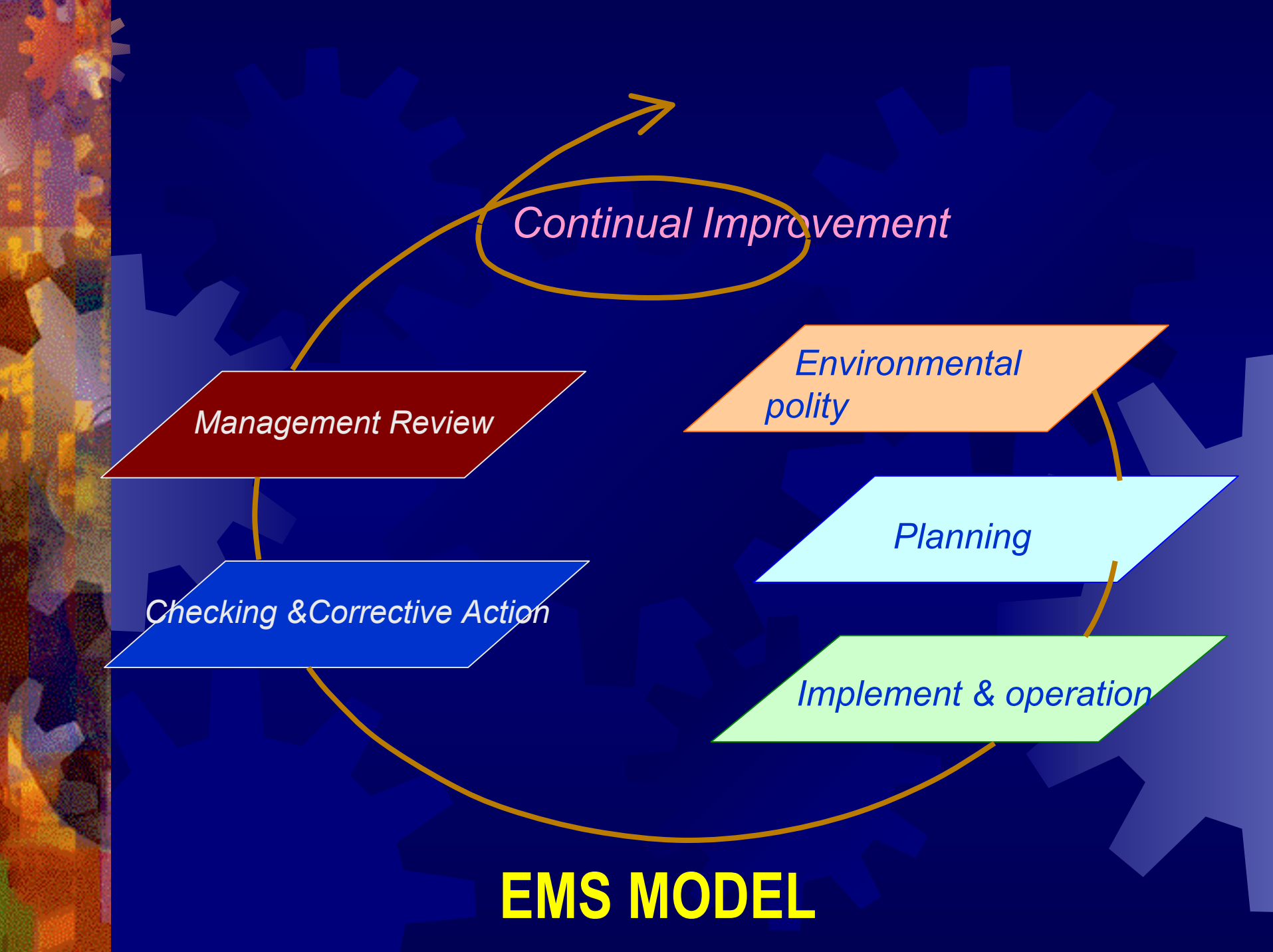
*Environmental
policy*

Planning

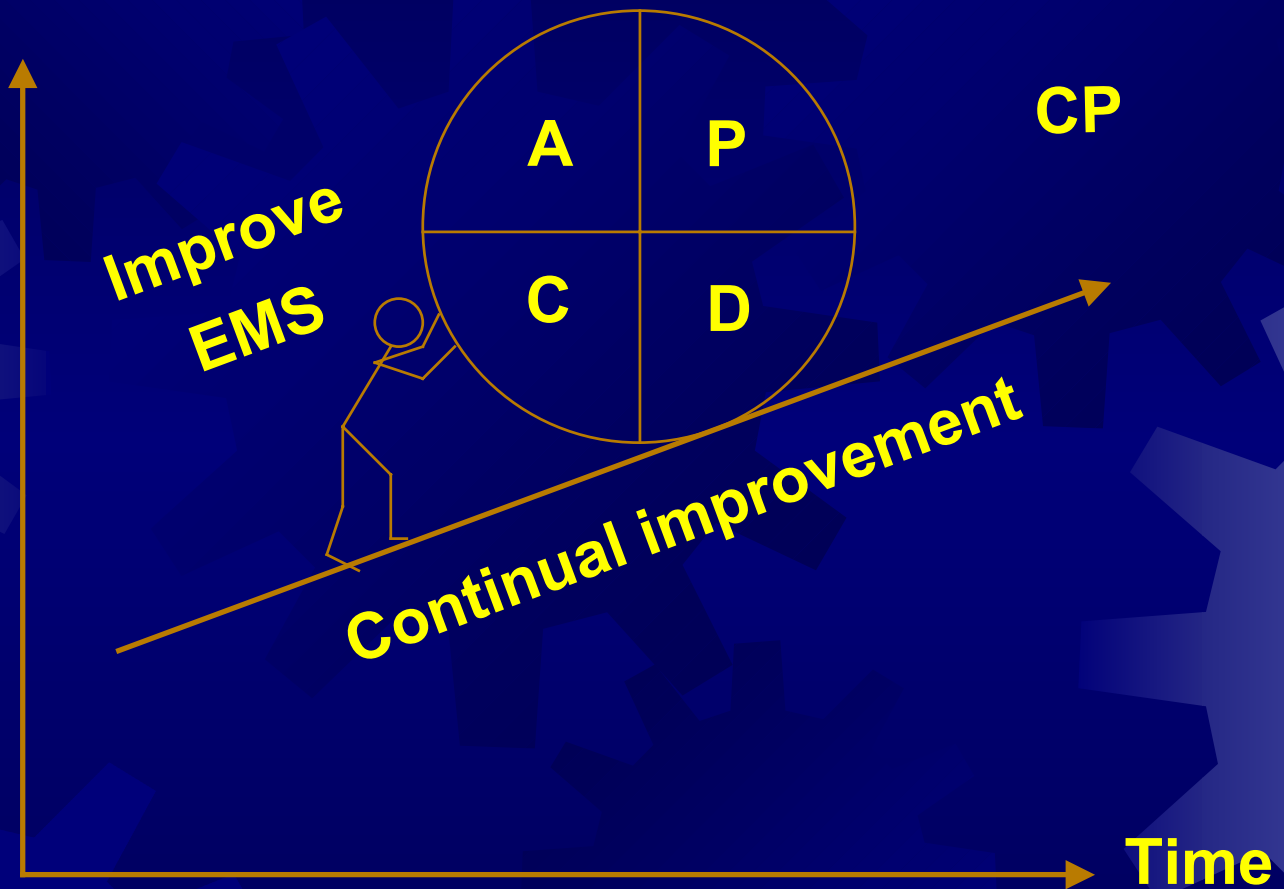
Checking & Corrective Action

Implement & operation

EMS MODEL



**Environmental
improvements**



CT & EMS Improvement Cycle



ISO 14001

All major EGAT's power plants
(6 plants) and other facilities have
achieved ISO 14001 standard for EMS

Benefit of CP in EGAT

- Pollution reduction
- Cost saving
- Improvement of operating efficiency & working condition
- Improvement of corporate image