

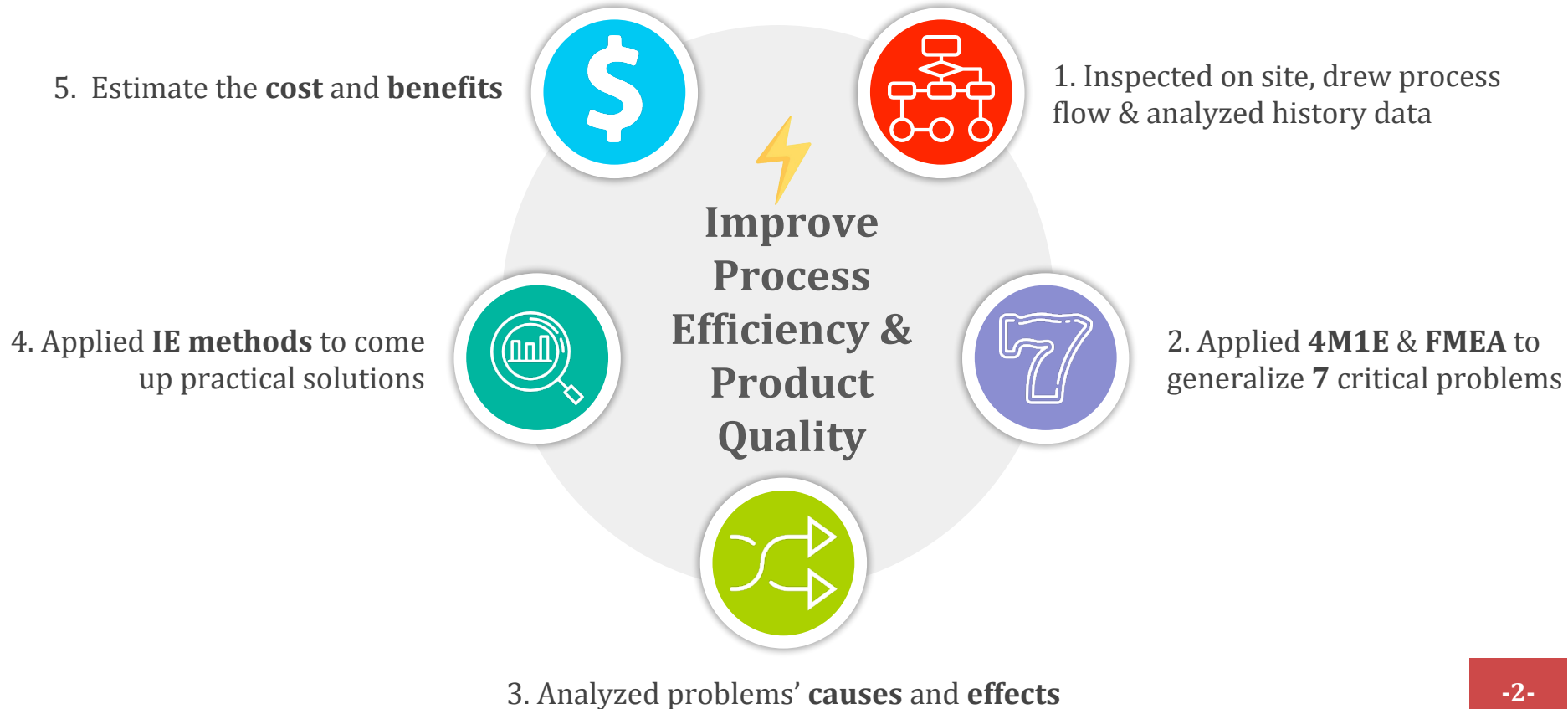
Production & Operations Improvements

@AEON Motor Industry

2016/12

This is a required coursework in Industrial and Information Management Department, NCKU. Composed of totally 5 people, our team spent nearly one year with assistance by the professor Tai-Yue Wang and employers in Aeon and aimed to provides analysis and practical solutions to improve the efficiency and quality of AEON.

Goal & Steps



Solutions

Quality Control



Information Mgmt.



Human Engineering



(I) Material Incoming Station

- Use a more secure sampling plan (MIL-STD-1916) to decline the raw material defect rate

(II) Warehouse

- Turn the manual material recording process into a complete electronic system
- Use RFID to help track the inventory
- Install LED sensor light to strengthen the lightness in warehouse

(III) Assembly Line

- Improve the station to reduce the number of difficult screwing
- Electronically record every failure on assembly line
- Turn the manual site inspection process into a complete electronic system

(IV) Inspection Station

- Regularize an strict inspection SOP

4M1E
Classification

■ Method

■ Environment

Estimated Benefits

