

VE (Value Engineering)



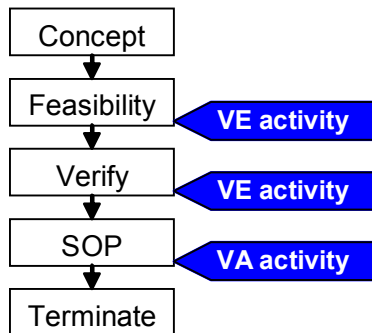
Background

- Cost reduction ideas from other organization are difficult to capture and use

Objective

To achieve target cost, enforce concurrent activity starting from concept & design phase, then continue during entire life cycle

Phase



Who

Phase	Project Leader	Engineering	Production Engineering	Production	Coordinator
VE	Y	Y	Y	Y	Engineering
VA		Y	Y	Y	Production

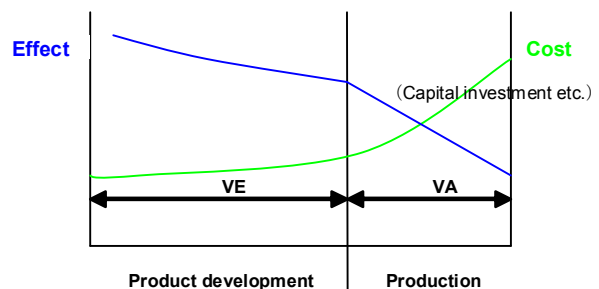
Procedure

1. At every DR phase, the cost target and current cost must be reviewed. Set up countermeasures, if target is not achieved.
2. For effective VE, the project leader must appoint a committee member and fill in the target charts and countermeasure board in the Oobeya
3. Inside of Oobeya, it's must show graphically to see the progress
4. Detail activity is explained in the attachment.

Output

- VE suggestion sheet
- Visual cost structure board

Results



Comment

VE and VA activity are also important tools to achieve the cost target. It must be budgeted from concept phase.