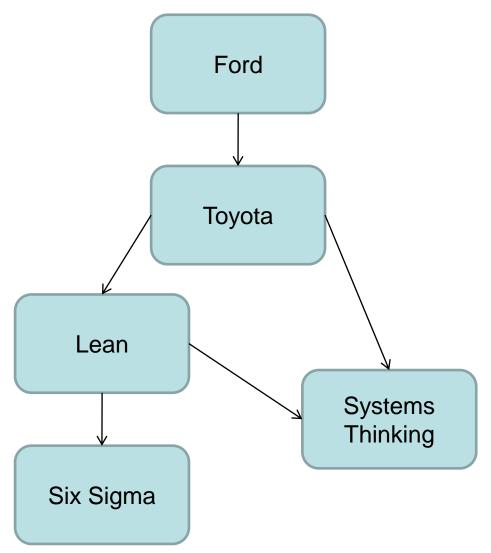


An Introduction to Lean and Systems Thinking

Rob Bailey Principal Advisor

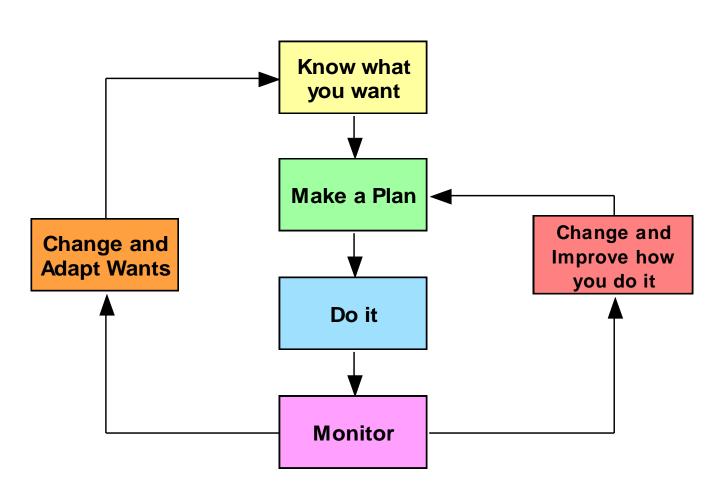
History

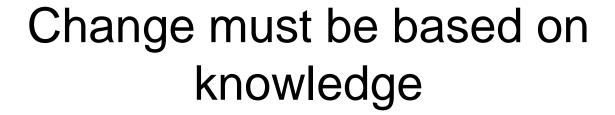




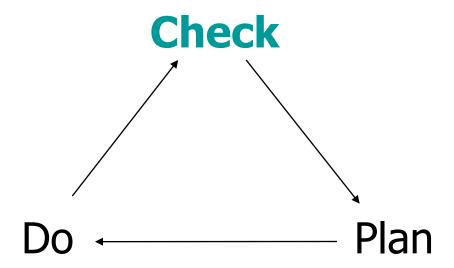


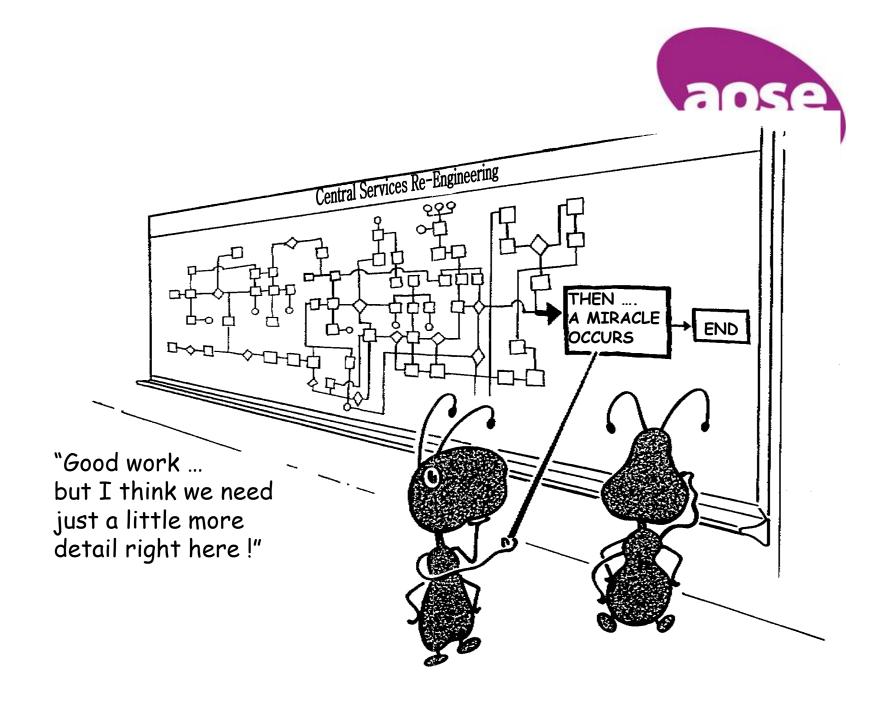
Process Re-engineering





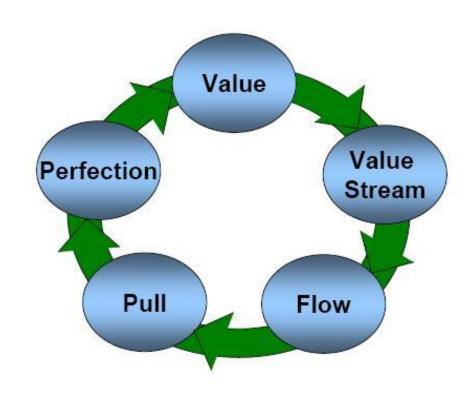






Lean

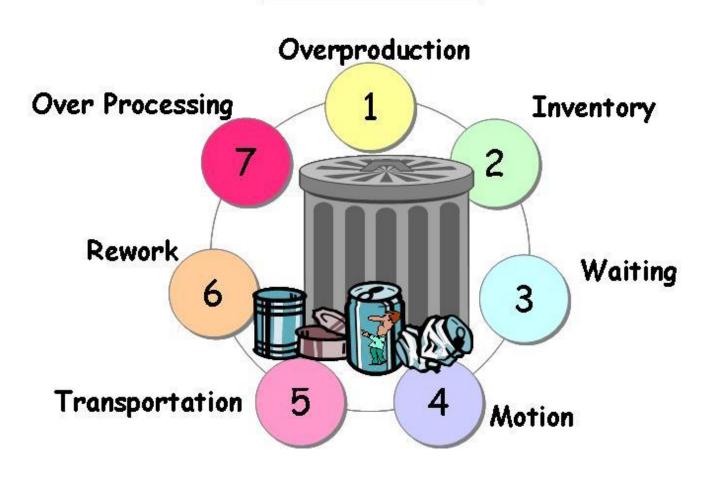




Lean

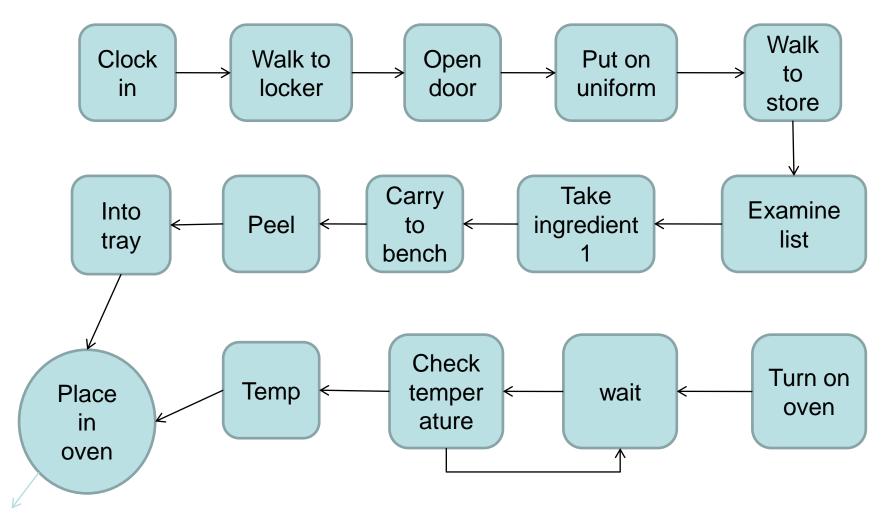


The 7 Wastes



Systems Thinking





Changing management thinking



COMMAND & CONTROL

top-down

SYSTEMS THINKING

outside-in perspective

functional specialisation design demand, value and flow

separated from work decision-making

budgets, throughput, targets, service standards,

measures

motivation

management ethic

attitude to customers

intrinsic

integrated with work

related to purpose,

variation over time

act on the system

what matters?

extrinsic manage budgets, manage people

contractual

```
Where is my cover, Meals on wheel etc etc. " 2.5%
"I an known to you but my S.W. has changed
 Lett." 1.5%
"Who is my the s.w." 3.5%
 I am known to you but I don't have an Sw but my
 Cirs have changed," 5.5%
"I we are not sure what is going as ." 30.7%
I have been trying to contact .... " 10.6%
"I have phoned a few times." 6%
When will .... phone we back." 1%
" You have son me +42 but I don't understand." 9.5%
" You have son me +42 but I don't understand." 9.5%
" I brought in the form Into but it was incorrect." 1.5%
 "I am not hoppy with what you are whird pary have privated foffered." 10.1%
```

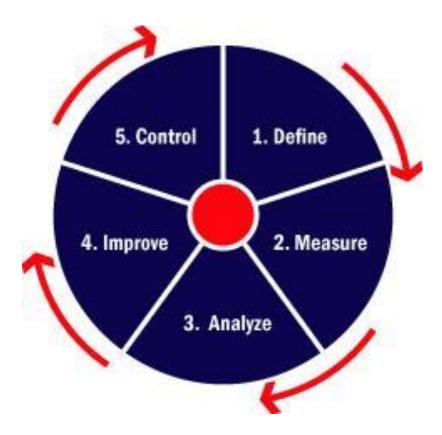
Failure Demand 74%

- I'm not sure what's going on 30.7%
- I have been trying to contact 10.6%
- I'm not happy with what you have provided 10.1%
- You have sent me... but I don't understand 9.5%

from ASO / Flow Foods to MOW Meals on Wheels - Changes * sheet Update CISS + spreadsheet MWIO+ Waits in MW12 tray at Change Major actioned Mow as requested change e.g cancel by SU Fax to until 50% flowfoods curther notice 98% concirm 80% 75% T ASO MOW 20 SU tells Driver MOW Fax to MOW to ASO FOR driver of incorms record in advise MOW fax book flowfoods clarification change action + check admin CISS for further into 2% No change 25% 50%SW 20% to current Per week Minor Service SW235 change Skeet SW 815 to e.g. carcel MOW EVOM todays meal waits in tray at MOW & MOW Update Flow Foods CISS MW10 to advise + HW12, Flowfood Referral scan cax to TRIM. Update shred cax Spread sheet descriptions of marchanic to Rock Abstrace to long and Charge of Inch Street or long on Storage | Limited | Storage | Limited | Storage | Storage | Storage |

Six Sigma





DMAIC



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