Quality and Productivity Improvement and Awarding System

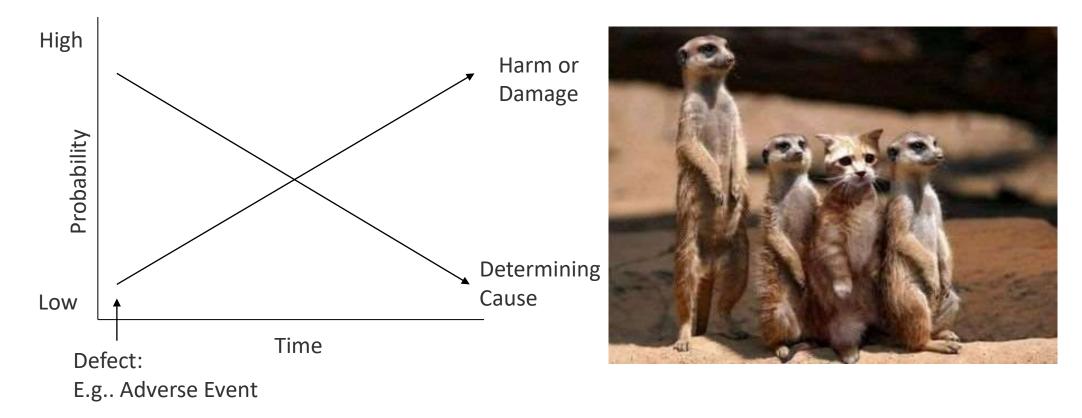
Norman Faull Emeritus Professor Graduate School of Business University of Cape Town Chairman: Lean Institute Africa





Designing a management system for built-in reliability & quality & productivity

Get to know normal from abnormal right now and respond right now

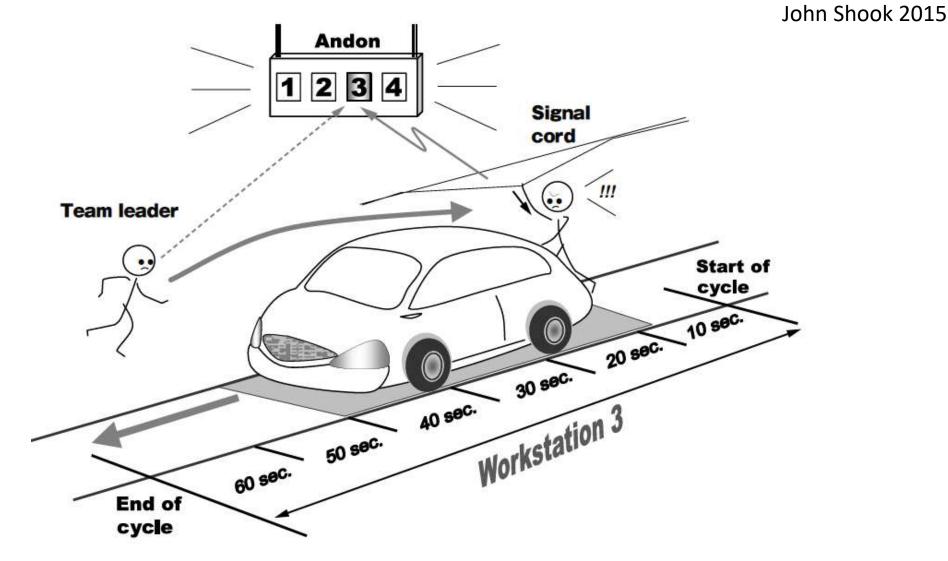




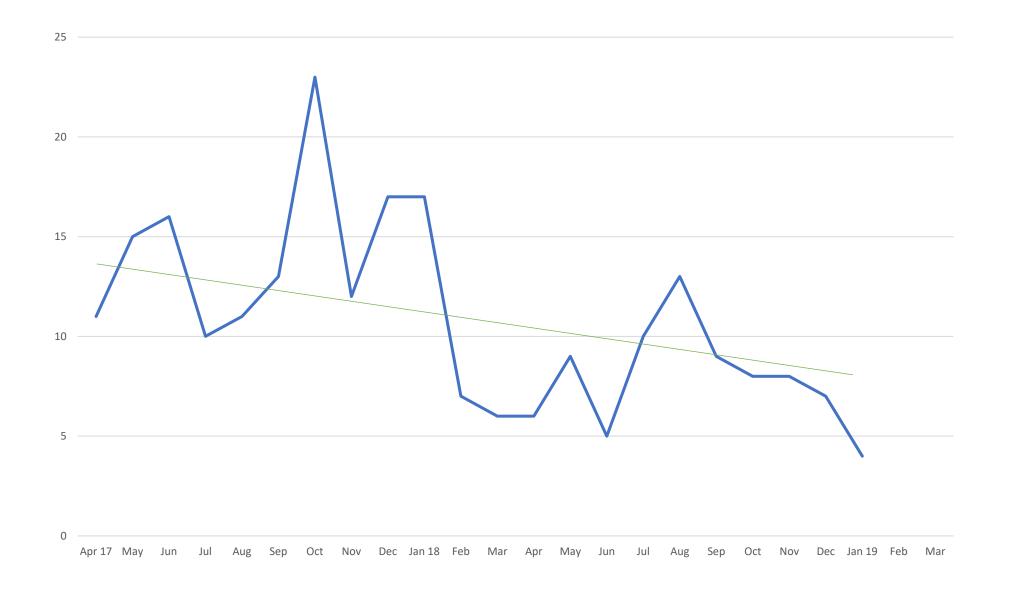
Adapted by Norman Faull from slide by David Munch from slide by John Shook: U. Michigan 2103

Design the work to build in quality, to solve problems, to develop people...



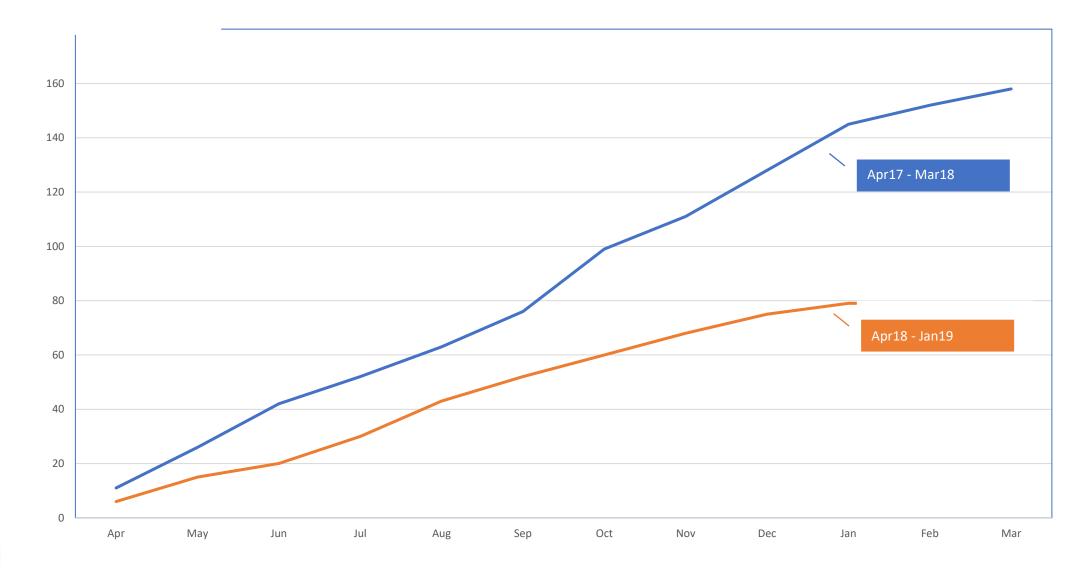


Defect Reduction: Monthly Inpatient Neonatal Deaths April 17 - January 19





Cumulative Inpatient Neonatal Deaths April 17 - January 19





How achieved?

By behaviour change in managers - less 'telling'

- Go see
- Connect people to purpose
- Ask about current situation
- Ask about target condition
- Ask about obstacles
- Ask about countermeasures
- Ask when we can go see...





- more 'asking'



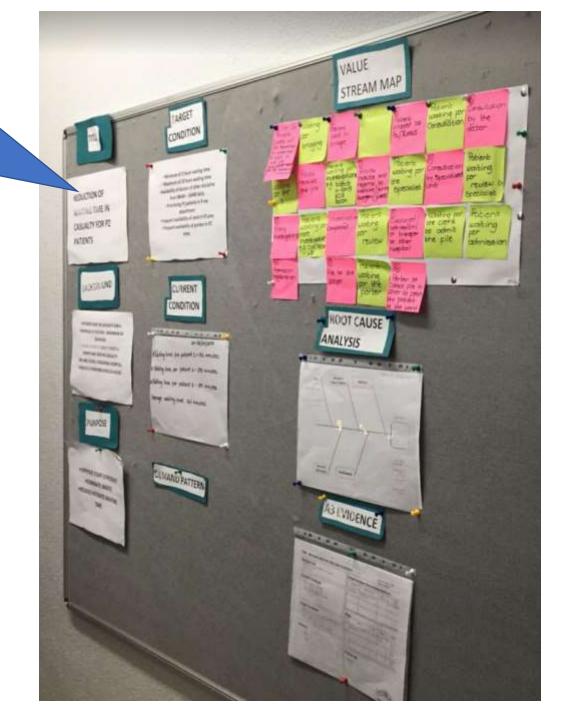
Go see, connect to purpose, ask, ask, ask, ask (humbly) and return to see



Acknowledge

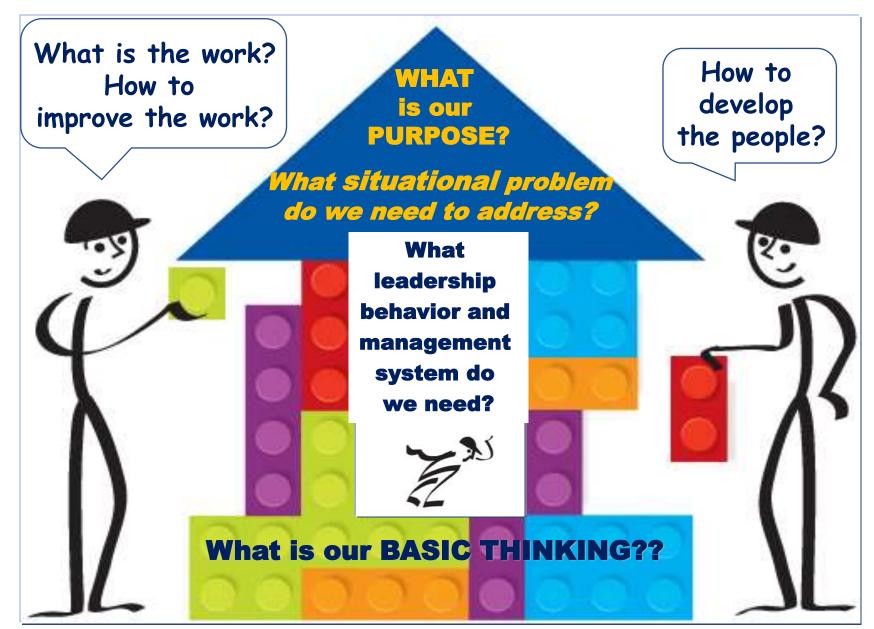
Purpose Current condition Target Condition Value stream map Fishbone





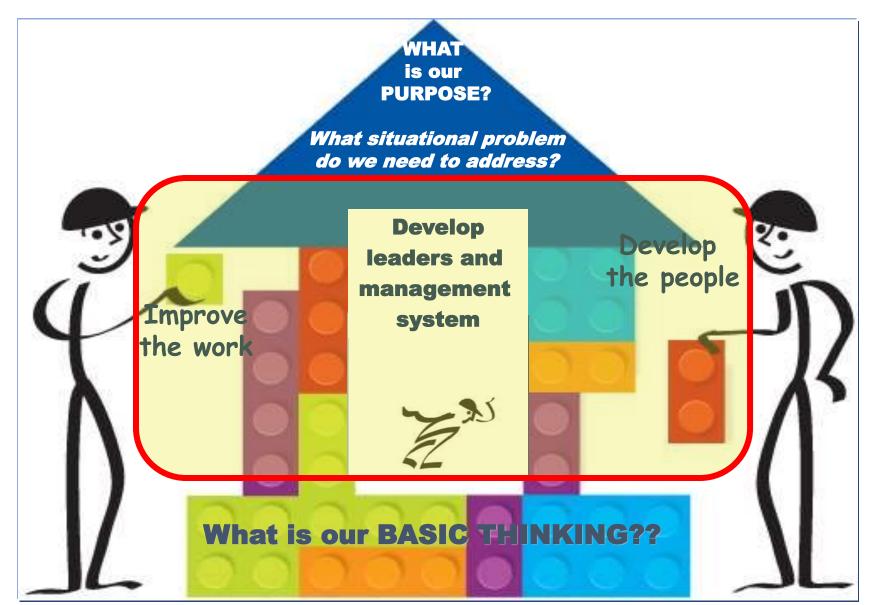
The transformation journey - five questions



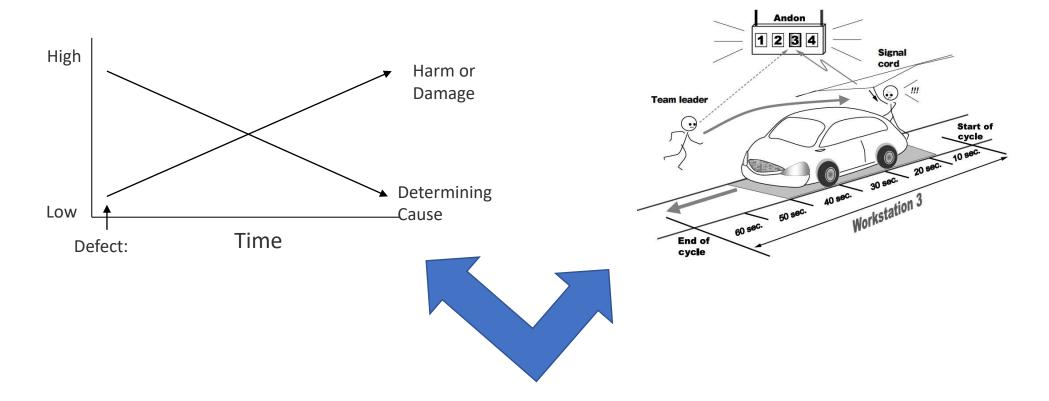


Where most of the work will be needed





Designing a management system for built-in reliability & quality & productivity



Make it safe for the individual AND the company to learn from mistakes



Africa *Kaizen* Award – to spread the word about *Kaizen* throughout Africa Spread the word about *Kaizen* throughout Africa – spread the *practice* of Kaizen Spread the *practice* of *Kaizen* – achieve improved competitiveness Improved competitiveness – more 'decent & productive' * jobs More good jobs – growing social and economic wellbeing

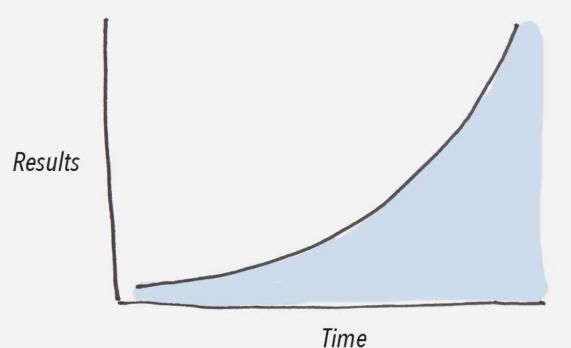


What Kaizen does over time....

Improvements come slowly in the beginning, but your gains increase rapidly over time

EXPONENTIAL GROWTH

Improvements come slowly in the beginning, but your gains increase rapidly over time.





Twenty-two companies were nominated for consideration for the Africa Kaizen Award 2020

Four companies were judged most impressive in their Kaizen work

But all should PERSEVERE – exponential gains!

And spread the word about *Kaizen*!

Contribute to growing social and economic wellbeing across Africa

