Culture Transformation & Marginal Gains A Nexen Culture & Efficiency "Case Study"



A New Energy

Background - About CNOOC Nexen UK Business





0 / 0 / 0 everyday Excellent HSE performance By Choice programme Safety, HRP & E-Reps Strong asset integrity culture



3 of the top 7 UKCS producing assets Long asset life > 2030 Increasing plant reliability



Low cost operator in UKCS Strong cost management culture "Cherish The Margin"

A compelling vision that affirms our top quartile operator status

Moving from Top Quartile to Best-in-Class

- 1. We needed a clear vision and ownership of results by the whole organisation

HEALTH, SAFETY & ENVIRONMENT	0/0/0 Every day	Lost Time Incidents (LTI) Recordable Process Safety Events Significant Events	
PRODUCTION	Profitable Barrels	Net Production of 234 mboe/day All-in cost per barrel	
PROFIT GROWTH	Cherish the Margin	Improvement in Cash Flow Improvement in Earnings	
VALUE Achieve "OE ² "		Global Exploration Capital Execution of Major Projects Governance Framework and Internal Controls Innovation Quality & Efficiency	

NEXEN'S CULTURAL BELIEFS





SAFETY FIRST

I protect the safety and well-being of myself, my co-workers and the communities and environment in which I work.



I innovate and take informed risks to achieve superior results.



BE THE BEST I relentlessly drive to be Best in Class.



STEP UP I hold myself and expect others to be accountable for delivering superior results.



RESULTS MATTER

I contribute to defining the expected result and strive to exceed expectations.



VALUE FEEDBACK

I seek, provide and act on constructive feedback.



I plan effectively and know when to move to action.



WIN TOGETHER

I collaborate without boundaries and align with the team to achieve superior results, and I share our successes and learnings.

Moving from Top Quartile to Best In Class

2. We identified the cultural shifts required to deliver results



RESULTS PYRAMID®

- The results we achieve are a product of the actions we take.
- The actions we take are influenced by the beliefs we hold.
- The beliefs we hold are created by the experiences we have.

HOW DO WE WORK AROUND HERE?



(Nijer



FOCUSED RECOGNITION

l want to recognize	NAME		for demonstrating			
Safety FirstBe the Best	Results Matter Do it Right	Be Bold Step Up	Value FeedbackWinTogether			
in the following manner:						
By doing this, you have positively impacted the following key result(s):						
KEY RESULT(S)						
	Given by	Γ	Date			

Moving from Top Quartile to 'Best In Class'

- 3. We then realised we needed to identify MARGINAL GAINS to change experiences and create new results quickly
 - 'Marginal Gains' small enhancements to any activity / scope / project or process that will sustain or improve our aspirational targets over the short and longer term
 - Remember, <u>it is not one special solution</u>; it is about continuously looking to see where you can make many small gains
 - Focusing on gains which will positively influence our targets

TODAY > TOMORROW

Marginal Gains – Olympic History





How do you measure the difference between first and second place? This difference is 1/100th of a second – but what can you do different to the competition who are all trained athletes too?



TODAY

Production is priority and Water Injection is secondary

TOMORROW

Water Injection rates will underpin Production success

What is the key belief we want to create? *Water Injection is vital to the delivery of production barrels*

Marginal Gains that will help instill the new belief:

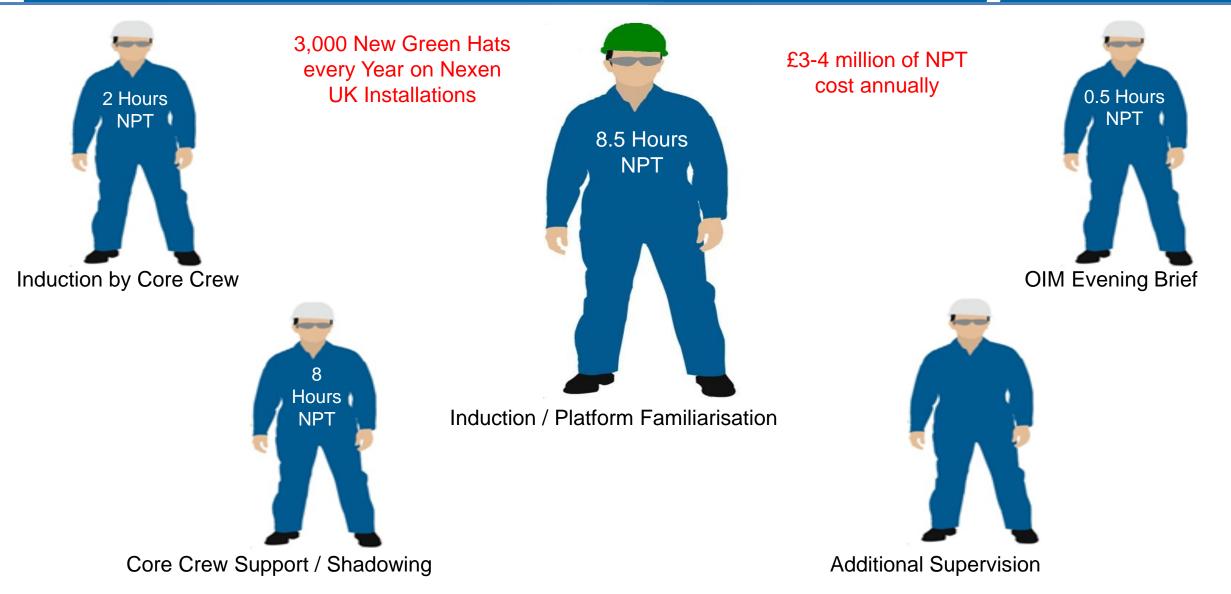
- 1) Start each shift handover discussing water first oil next
- 2) Water Injection shown in our daily and weekly reports above oil
- 3) Communicate recognition of Water Injection success at all levels of the organisation
- 4) Buzzard Sulphate Removal Package by-pass allows higher volumes
- 5) Scott maintain 4 Water Injection pumps as priority
- 6) Golden Eagle prioritise Water Injection commissioning



10

Marginal Gains – Green Hats Impact on Non-Productive Time (NPT)



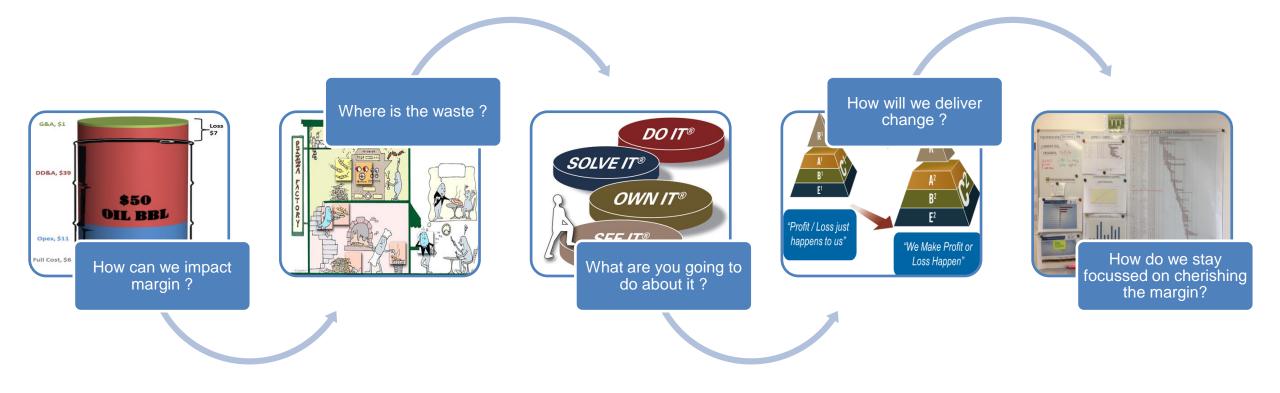


Marginal Gains





Taking marginal gains to the next level : "Cherish the Margin"



nexen

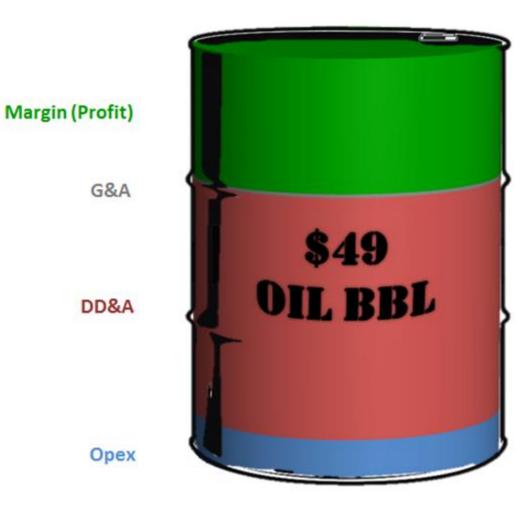
Ninoc

Keeping the initiative fresh, but simple

- Cherish the Margin focus on profitability
- War Room managing operations and large scopes effectively between onshore and offshore
- SCOPE measuring our operational performance every day



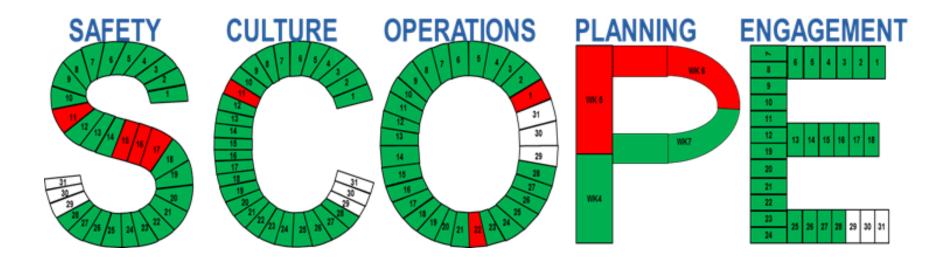
MARGIN = REVENUE – OPEX – DD&A



A war room mentality to deliver the margin everyday







How can this continue to work for us?

- 'Key Results' A clear vision that can be easily communicated is essential
- Maintain a focus on a small number of initiatives to ensure success
- Keep it simple, consistent and use a common language and process
- Empower the workforce to drive the improvements
- Ensure sustainability by demonstrating results and being relentless in the commitment to the vision

Our Journey









Cherish the Margin

Up from

flight

