

CHEMISTRY THAT MATTERS™



A TURNAROUND ON TEESSIDE

BUILDING A COMPETITIVE FUTURE ON TEESSIDE

Daren Smith, Site Director Teesside.
Wednesday 20 June 2018



SABIC ON TEESSIDE



Ethylene Pipeline Infrastructure



Large Versatile Olefins Cracker



World's Largest LDPE Plant



Above Ground and Underground Logistics



North Tees Import /Export Logistics



BUILDING A COMPETITIVE FUTURE

BUILDING A COMPETITIVE FUTURE

COMPETITIVE FEEDSTOCK'S AND ENERGY SOURCES

- Continued development of locally arising alternative sources of feedstocks and energy
- Renewable and Circular economy opportunities
- Proactive government support and approach for the exploitation off the UK's unconventional gas resources (i.e. Shale gas and coal gasification)

FURTHER INTEGRATION OF THE CHEMICAL INDUSTRY AND OF CROSS SECTION SUPPLY CHAINS

- Build on existing extensive industry integration
- Downstream derivative investment opportunities
- Leverage existing pan Teesside infrastructure
- Take advantage of regions stimulus opportunities

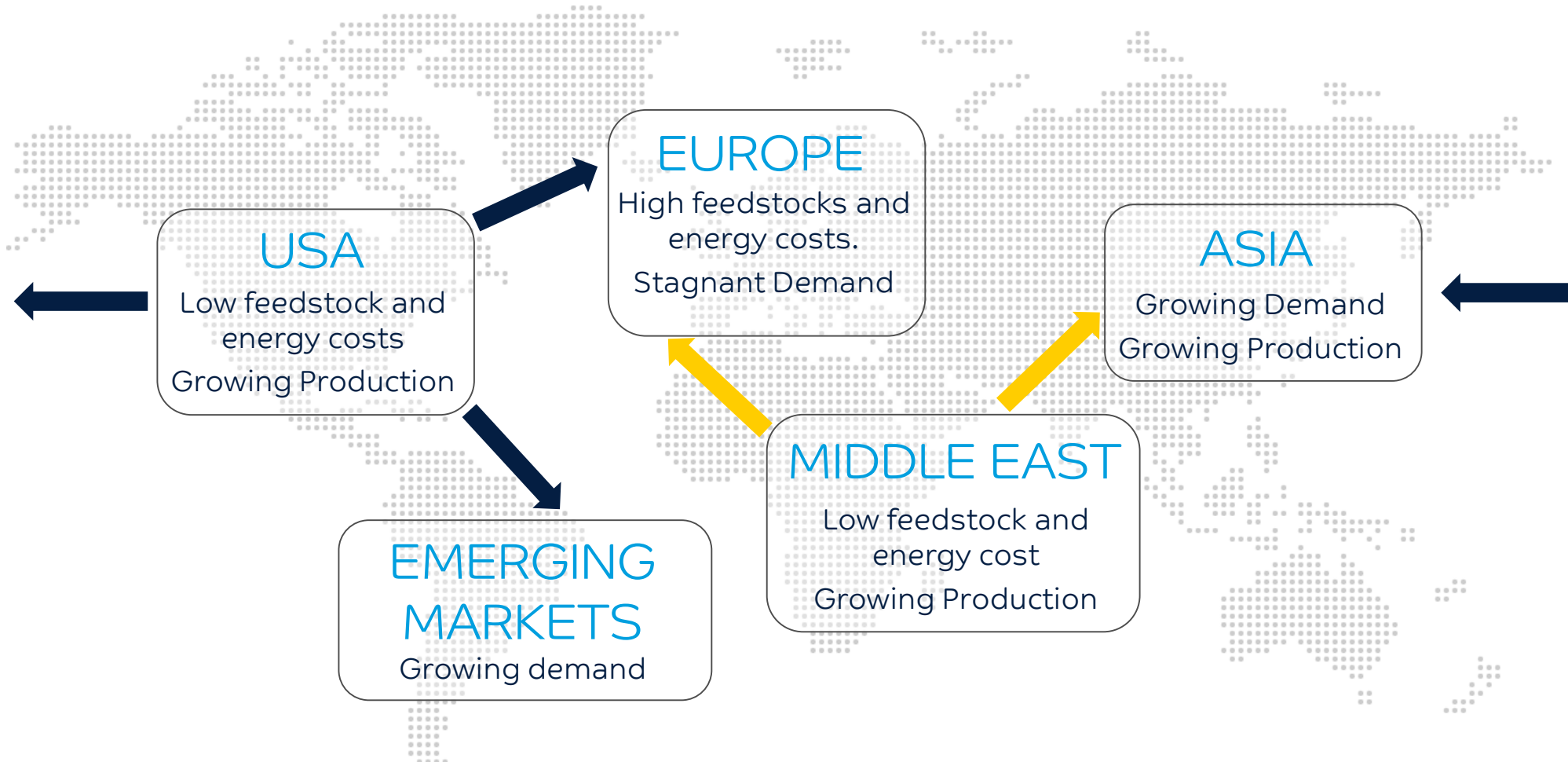
SKILLS

- Ensure everyone has the basic skills needed for a modern economy.
- Building a new system of technical education to benefit half of the young people who do not go to university.
- Boosting STEM
- Continued free movement of labor between EU and UK

A TURNAROUND ON TEESSIDE

A LOOK BACK AT 2017

COMPETITIVE GLOBAL LANDSCAPE

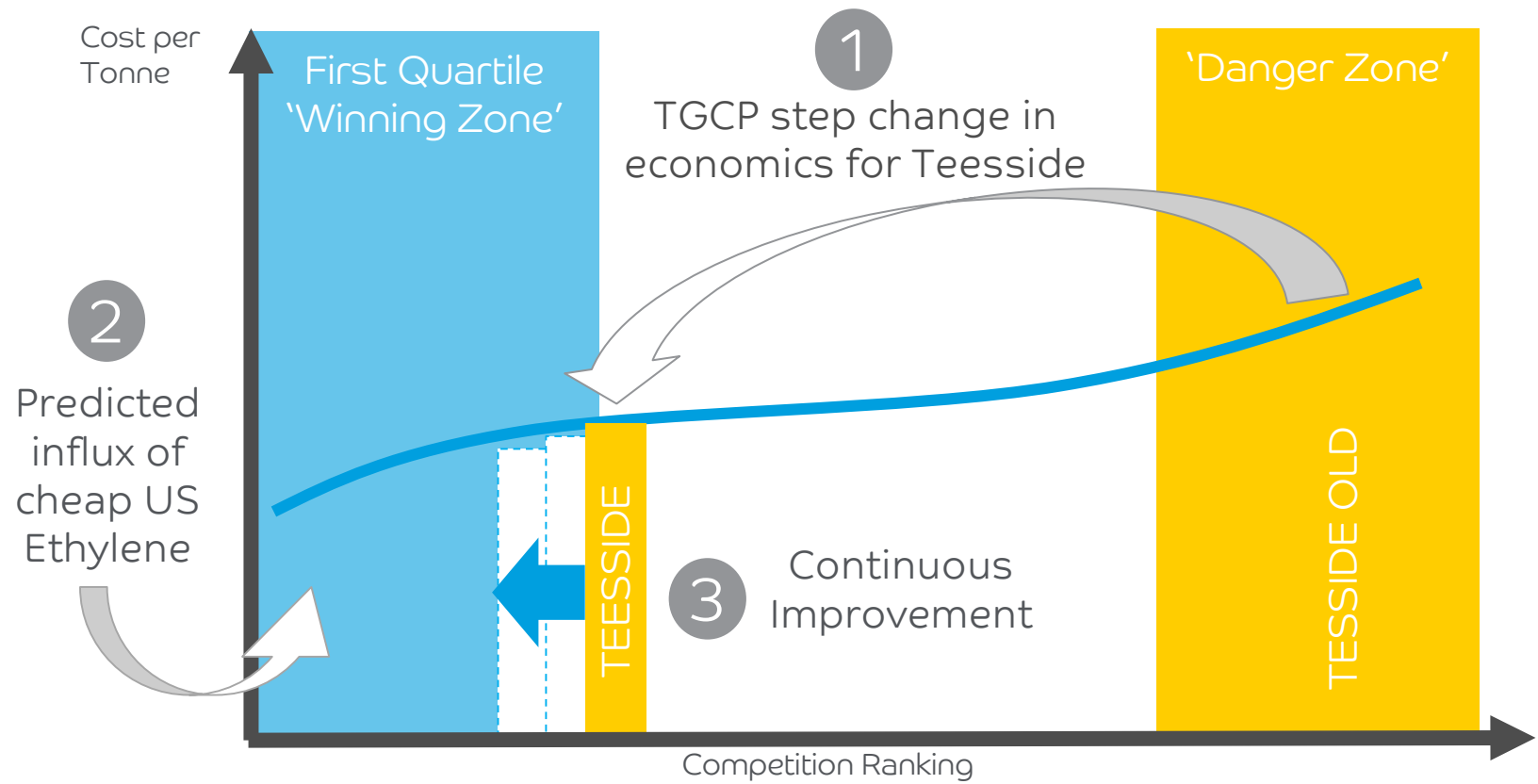


HIGHLY COMPETITIVE GLOBAL ENVIRONMENT

THE TEESSIDE GAS CRACKING PROJECT



THE NEED FOR CONTINUOUS IMPROVEMENT



TO MAKE SURE WE ARE CLOSE TO THE FIRST QUARTILE, AND STAY OUT OF THE DANGER ZONE

THE TEESSIDE DEMOLITION PROJECT

AROMATICS 1



PARAXYLENE 5



BUTADIENE 2



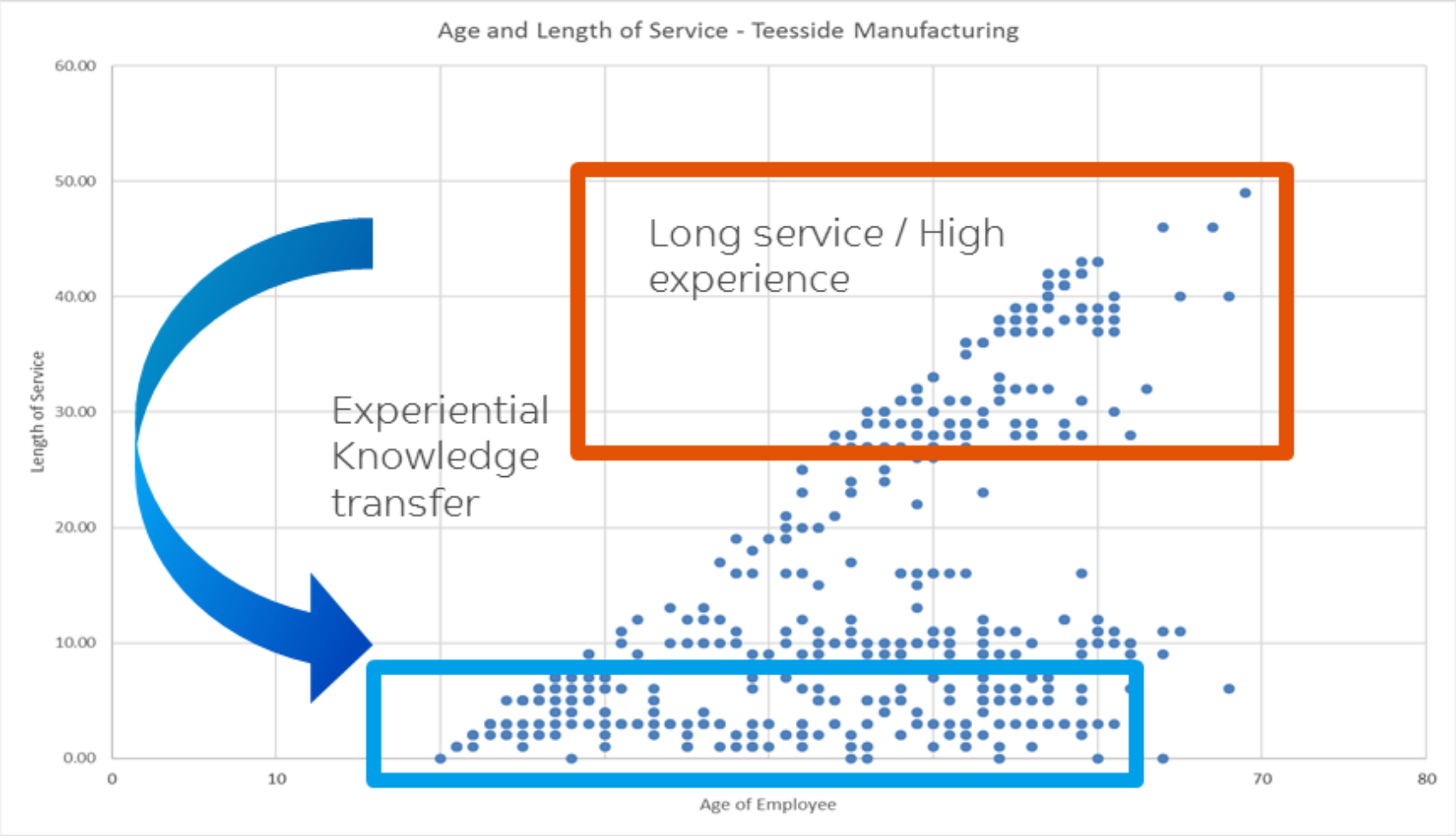
AROMATICS 2



OLEFINS 5



OUR PEOPLE



A TURNAROUND ON TEESSIDE

GROWTH

GROWTH – A VISION FOR SABIC TEESSIDE

WHAT WE HAVE:

We have operating assets ready for the next 20 years of operation
We have a skilled and talented workforce within the North East region
We have the ambition and the energy to move forward on Teesside
We have the land, facilities and resources to build.

WHAT WE NEED:

Competitive Feedstocks and energy sources
Further integration of the chemical industry and of cross sector supply chains
A skilled workforce ready and able to face the challenges of the next 20 years sustained operation.

WHAT WE MUST DO:

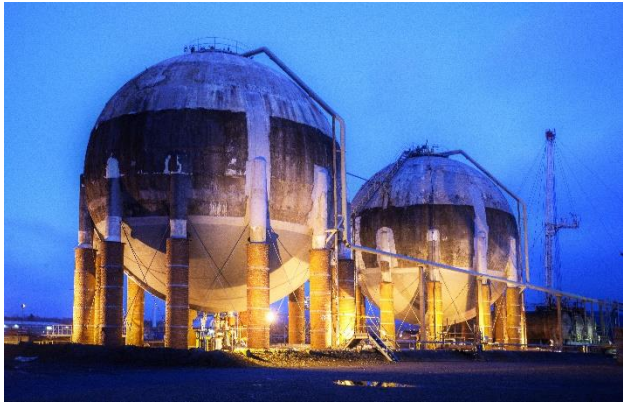
Compete
Innovate
Improve.

TO UNDERPIN THIS VISION FOR THE FUTURE WE MUST DELIVER THE BEST
TURNAROUND EVENT EVER ON SABIC TEESSIDE IN 2020

A TURNAROUND ON TEESSIDE

THE OLEFINS 6 2020 TURNAROUND

THE TURNAROUND



WHAT IS THE TURNAROUND AND WHAT DRIVE IT?



KEY DRIVERS

CODAL (LEGAL) EQUIPMENT
INSPECTIONS

CYCLICAL MAINTENANCE AND
OPERATIONS TASKS

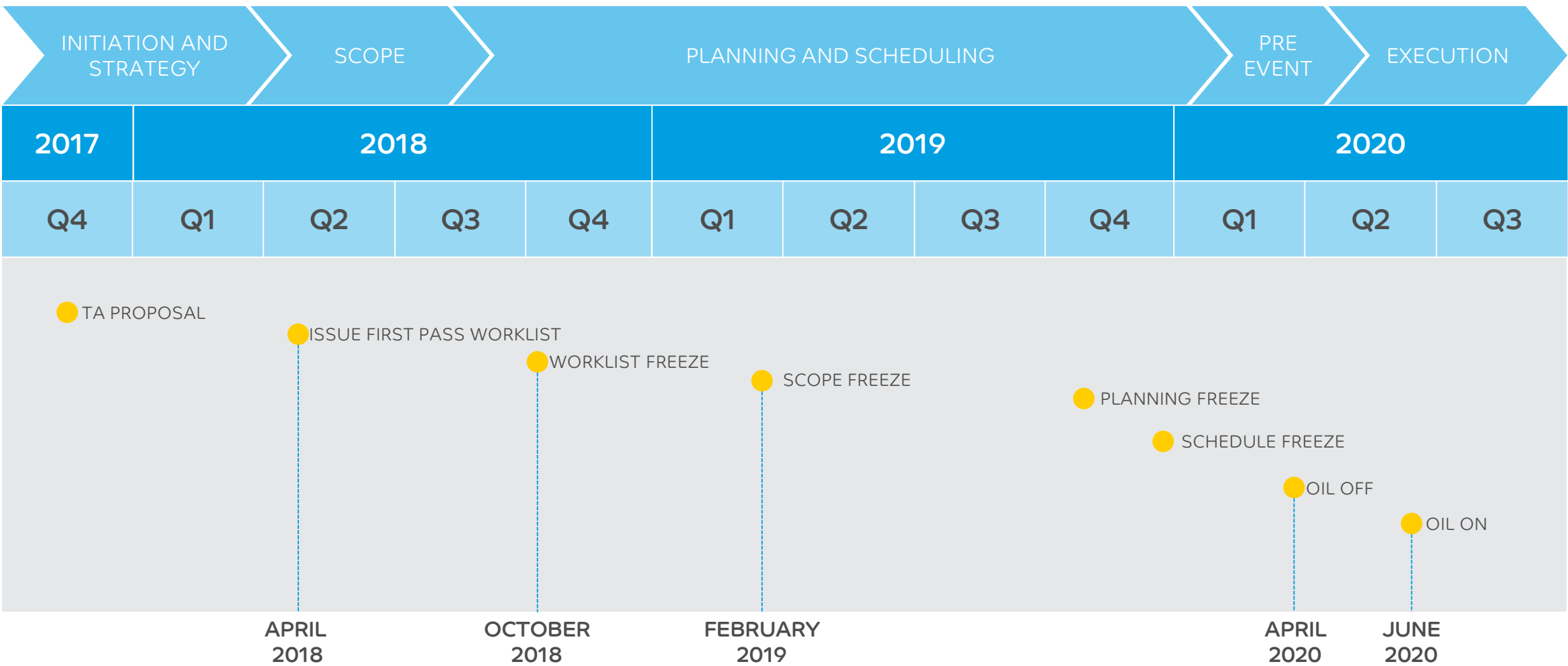
RELIABILITY AND AVAILABILITY

INSTALLATION OF APPROVED
EHSS PROJECTS

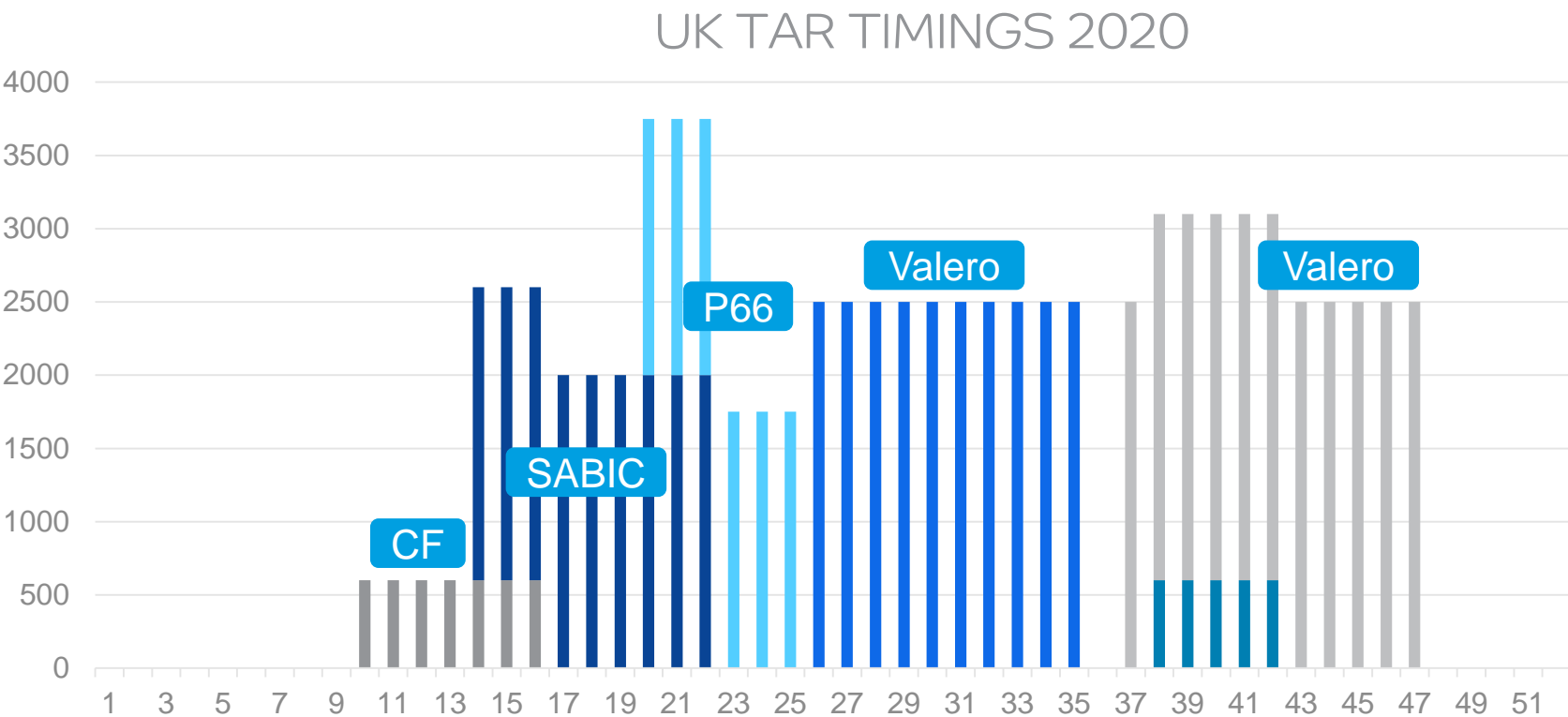
INSTALLATION OF APPROVED
VALUE PROJECTS

FOR A SUCCESSFUL TURNAROUND EVERYBODY INVOLVED PLAYS AN IMPORTANT ROLE.

OUR MILESTONES



WHEN WILL IT BE?



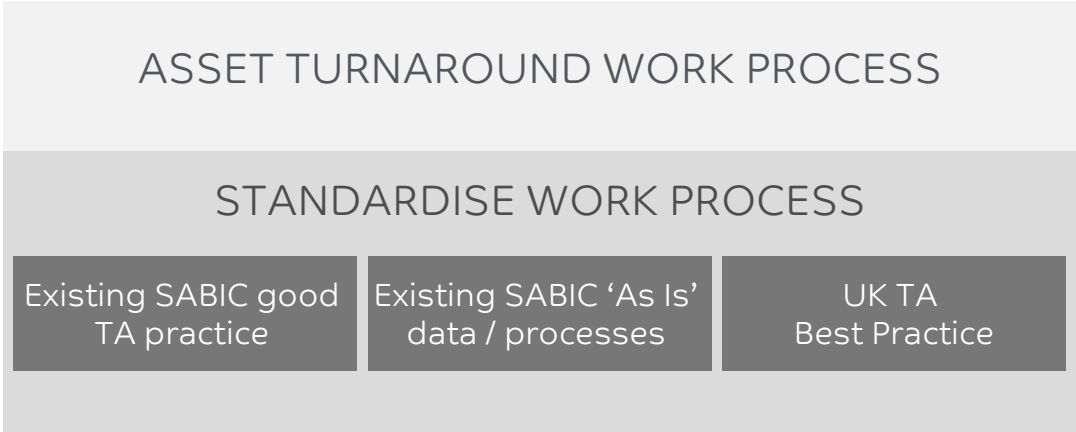
TIMING CONSIDERATIONS

- Avoid overlap with Olefins 4 in Geleen, Netherlands.
- Avoid poor winter weather condition.
- Manage forecast of UK activity in Q2/Q3 2020.

HOW ARE WE GOING ACHIEVE OUR AIMS?



USING A ROBUST AND FORMAL TURNAROUND WORK PROCESS WILL IMPROVE OUR PERFORMANCE



CONTACT DETAILS

Daren Smith – Site Director, Teesside – Daren.Smith@SABIC.com

Gary Scorer – Snr Manager, Turnarounds – Gary.Scorer@SABIC.com

Alan Wasson – Snr Manager, Special Projects – Alan.Wasson@SABIC.com

Steven Willson – Snr Manager, Maintenance – Steve.Willson@SABIC.com



THANK YOU