



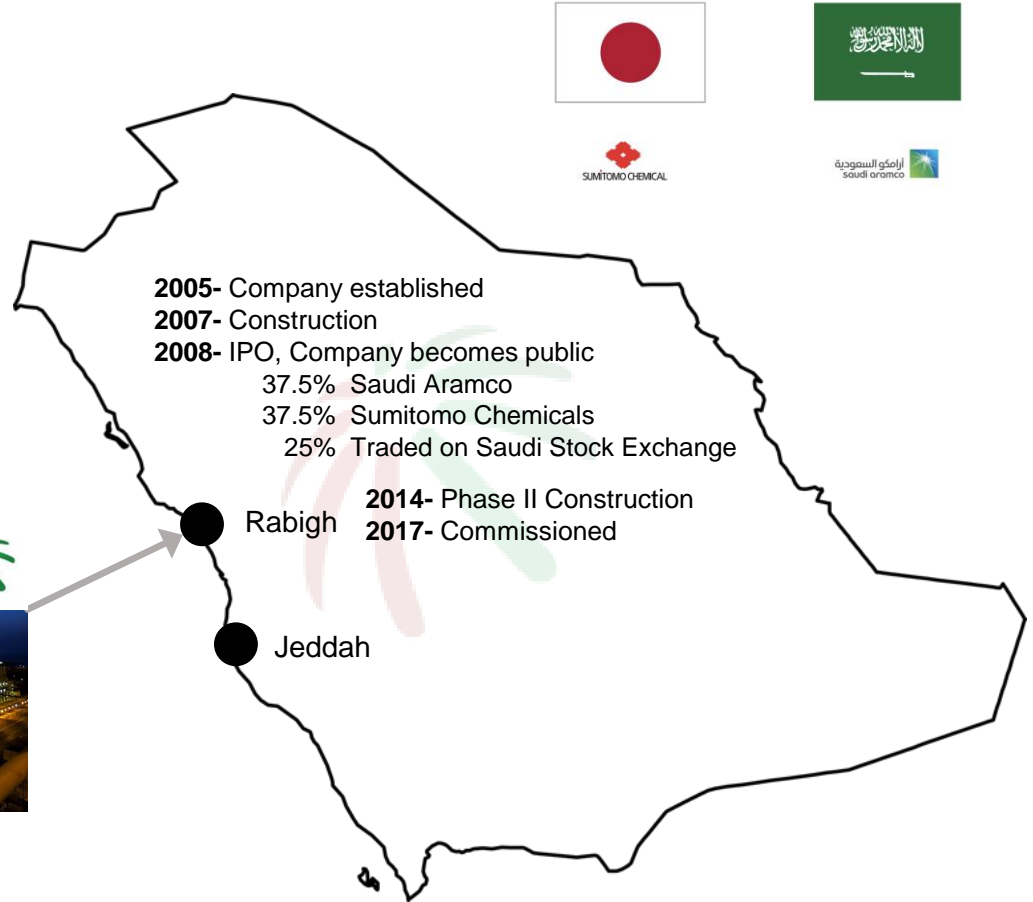
Nidhal Jamal

- Head of System Control Technical Support
 - Reliability, Availability, Security for All Control & Plant Information systems (OT)
 - In the OT business for 15 years

Petro Rabigh

- \$20 Billion two phase project
- Built on 3000-acre site
- Integrated Refining & Petrochemical Complex
- World's Largest High Olefin Fluid Catalytic Cracker
- 30 production plants
- 3,500 Employees

بترو رابغ
Petro Rabigh



Petro Rabigh Products: *What do we make?*

Feed

Crude
400,000BPD

Ethane
125
MMSCFD

Butane
15,000BPD

Production

Refined
Products
15,000 KTA

Petrochemicals
5,000 KTA

20+ products produced

Refined Products

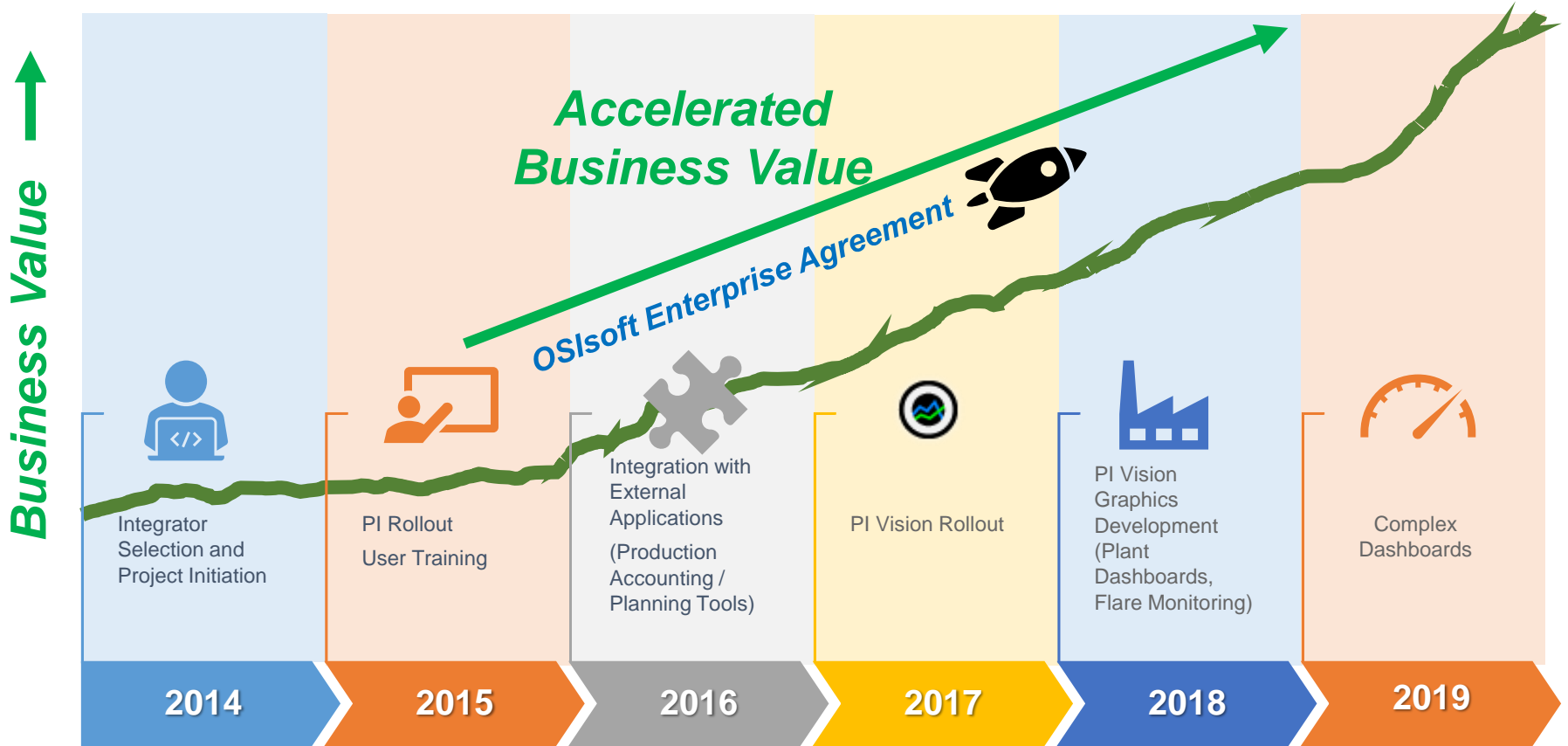
Diesel
Gasoline
Jet Fuel
Fuel Oil
LPG
Naphtha

Petrochemicals

MEG	Acetone
PE	EVA
PP	TPO
LDPE	EPR
P-Xylene	PMMA
Phenol	Nylon-6
Benzene	MEG
MMA	POX



PI System Rapid Deployment & Value Acceleration



EA is an Enabler!

- With No limitations, we experiment freely
 - Create and Roll out analysis and tags rapidly
 - Spin up servers to Improve infrastructure with no concern about licenses
- CoE works with us to materialize ideas

謝謝 KEA LEBOHA
 TAPADH LEIBH 고맙습니다
 БАЯРЛАЛАА MISAOTRA ANAO
 DZIĘKUJĘ CI NGIYABONGA TEŞEKKÜR EDERIM GRACIES OBRIGADO شكرا SALAMAT
 DANKON TANK TAPADH LEAT SALAMAT
 KÖSZÖNÖM DANKIE TERIMA KASIH GRACIES
 СПАСИБО
 PAKMET CIZGE
 GO RAIBH MAITH AGAT
 БЛАГОДАРЯ GRACIAS MAHADSANID
 TI БЛАГОДАРАМ
 TAK DANKE MAHADSANID
 RAHMAT MERCI
 HATUR NUHUN
 GRAZZI PAKKA PÉR
 PAXMAT CAҒA
 CẢM ƠN BẠN
 WAZVIITA
 FALEMINDERIT
 TI БЛАГОДАРАМ
 СИПОС
 DANK JE EΥΧΑΡΙΣΤΩ GRATIAS TIBI
 AČIŮ SALAMAT MAHALO IĀ 'ŌE TAKK SKALDU HA
 GRAZZI PAKKA PÉR
 PAXMAT CAҒA
 SIPAS JI WERE TERIMA KASIH
 UA TSAUG RAU KOJ
 TI БЛАГОДАРАМ
 СИПОС
 MULȚUMESC
 HVALA FAAFETAI
 ESKERRIK ASKO
 HVALA ХВАЛА ВАМ
 TEŞEKKÜR EDERIM
 GRAZIE
 DI OU MÈSI
 ĎAKUJEM
 MATUR NUWUN

