



PETRONAS

Enabling Upstream Operational Excellence through Integrated Operations

A. Ghaffar M. Dawam
Head Integrated Operations
PETRONAS Upstream Operational Excellence



**digital
energy
journal**

***“Doing More with Offshore
Engineering Data”***

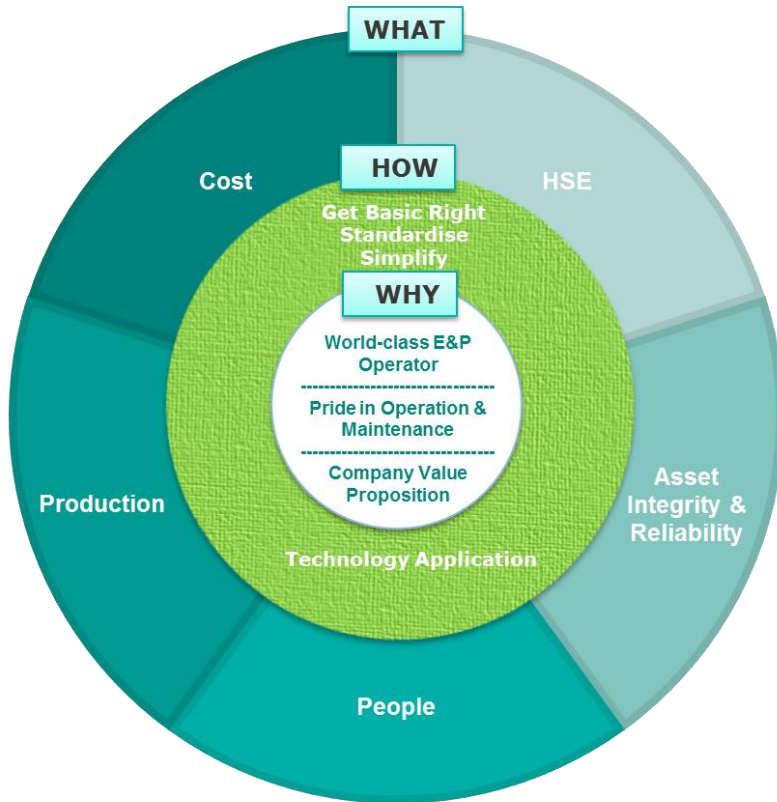
14 October 2014

Kuala Lumpur, Malaysia

© 2014 PETROLIAM NASIONAL BERHAD (PETRONAS)

All rights reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means (electronic, mechanical, photocopying, recording or otherwise) without the permission of the copyright owner.

Key themes for delivering excellence in operations

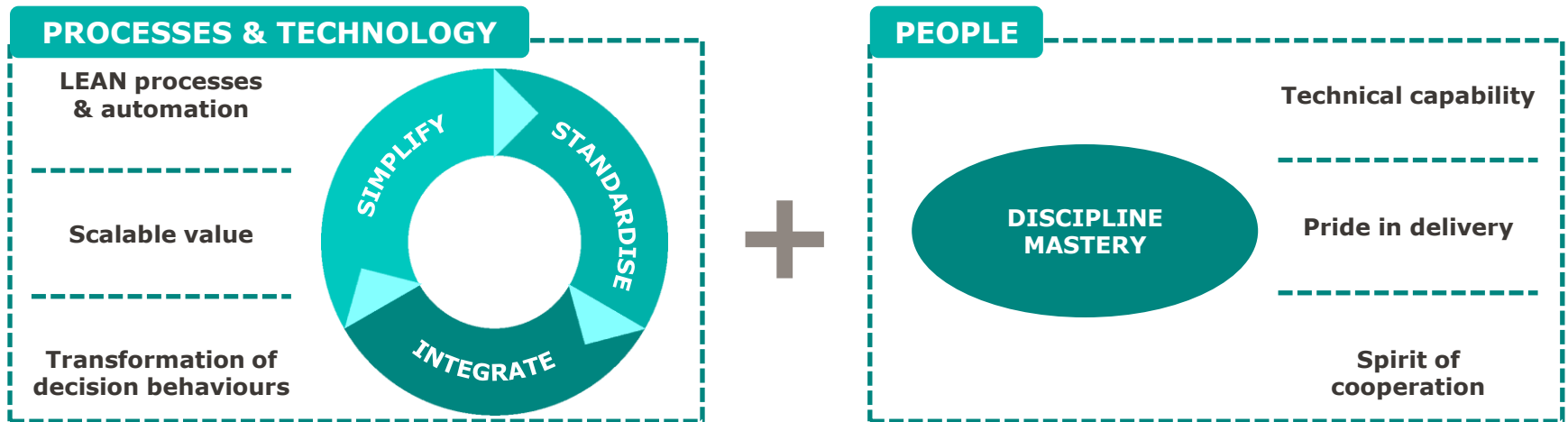


OE VISION in upstream

“Every employee will work in cooperation – leveraging discipline mastery and empowered to act decisively and safely – for the pride of themselves and their team.”

- ✓ Competitive Advantage
- ✓ Continuous Improvement
- ✓ Leadership
- ✓ Integration

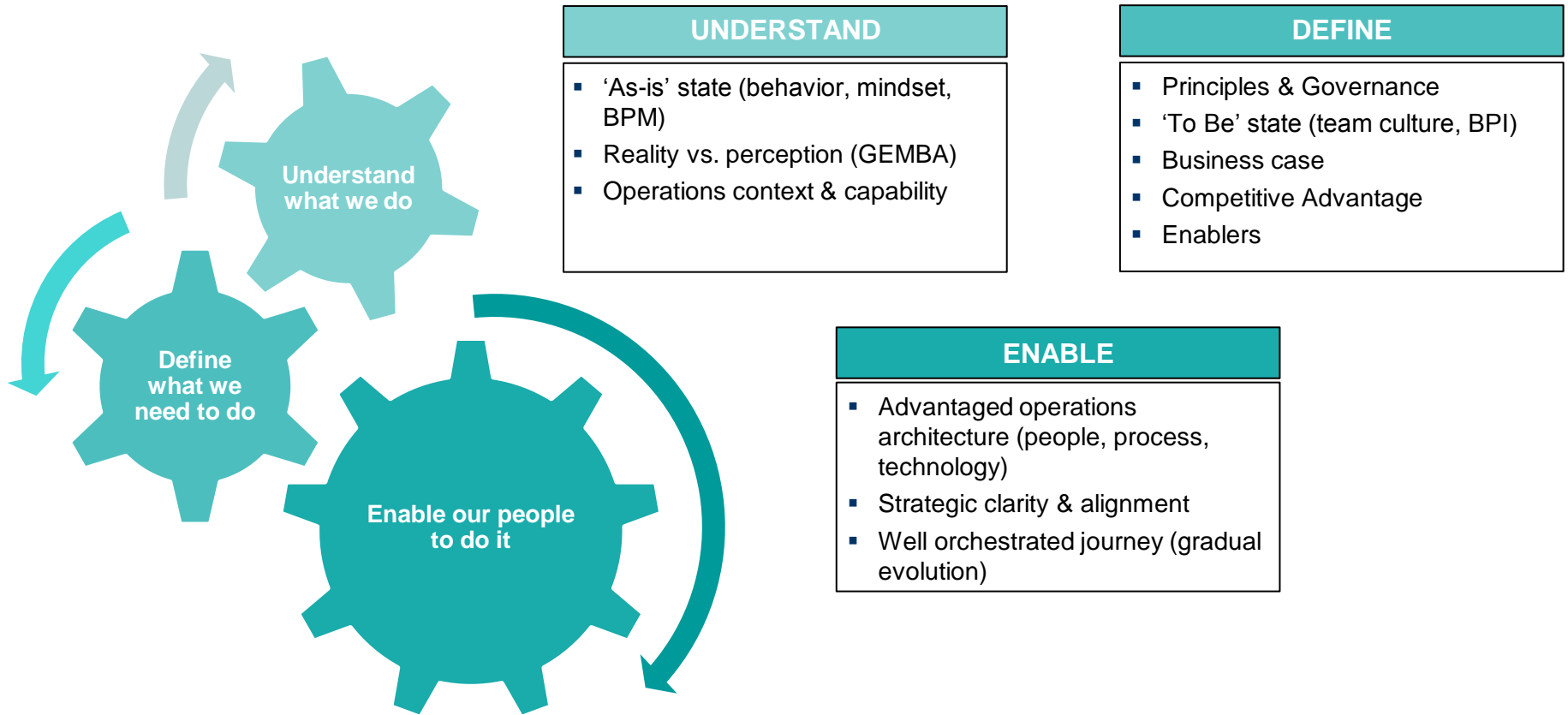
IO can be defined to enable Operational Excellence



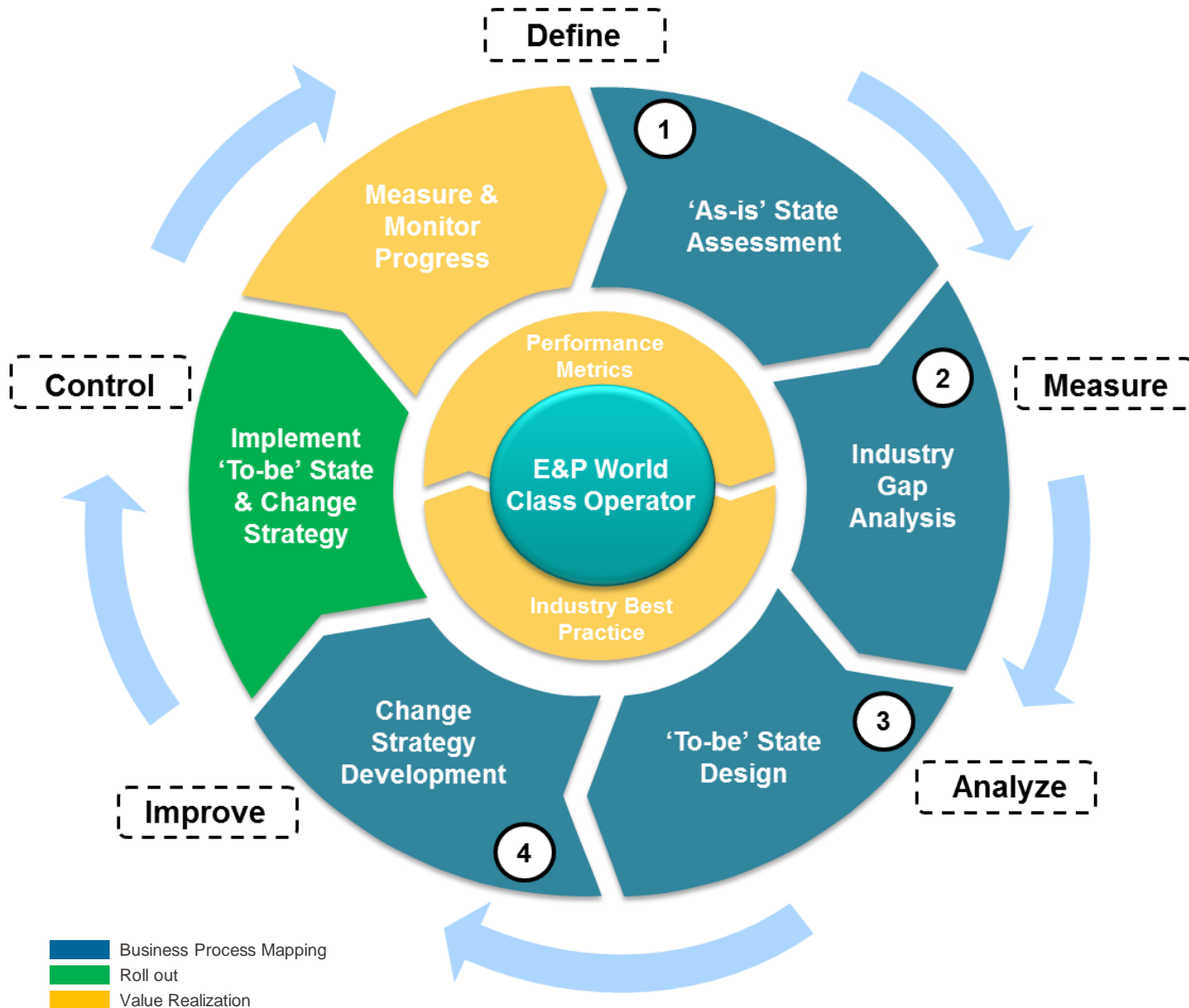
Defining IO

“IO is the enabling component of the Operational Excellence journey: a combination of real-time awareness technology, simplified processes, and collaborative mindset that fosters cooperative decision-making to achieve common objectives for HSE, asset integrity, and optimized production”.

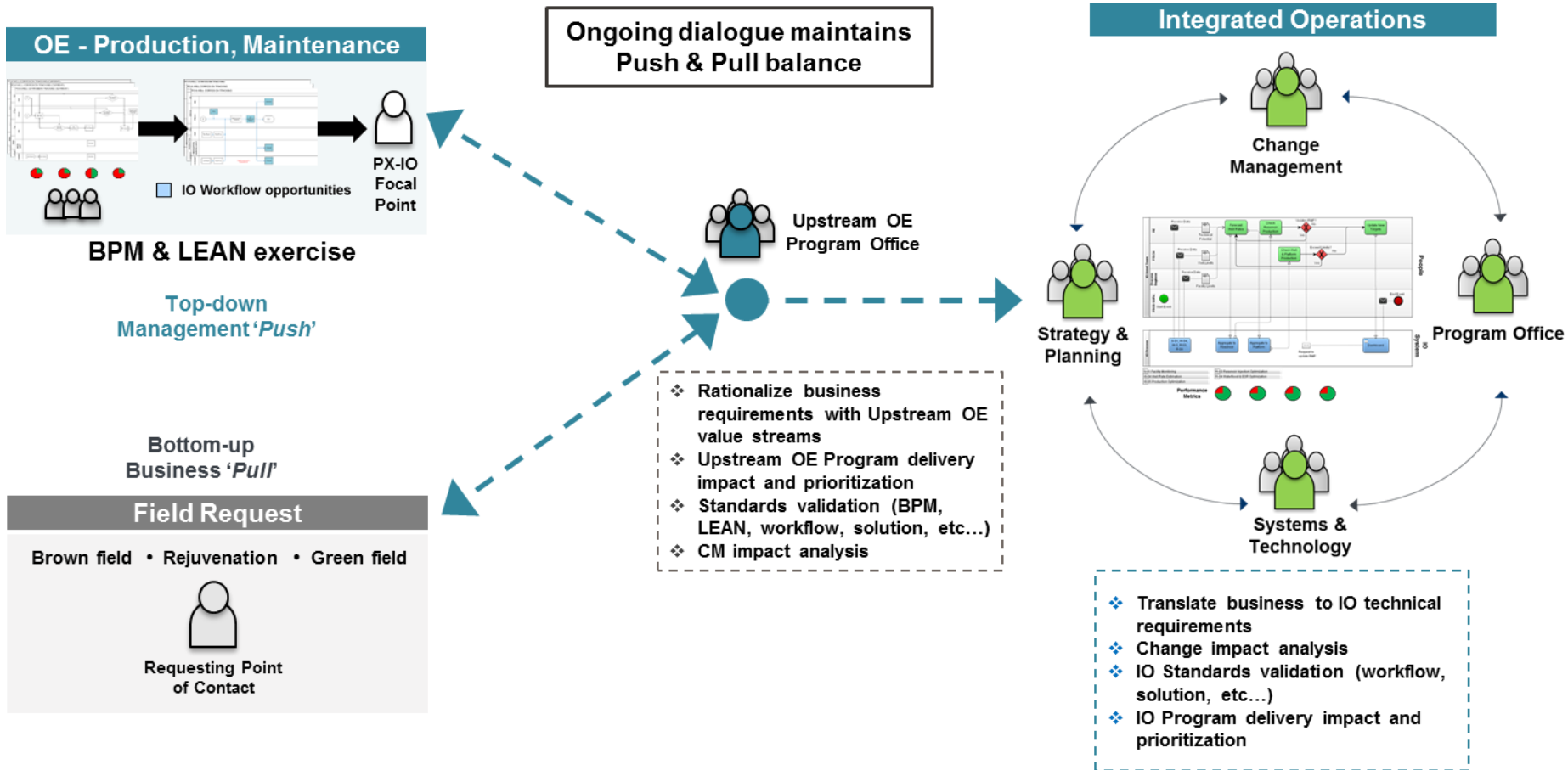
Business Process is critical to defining excellence in operations



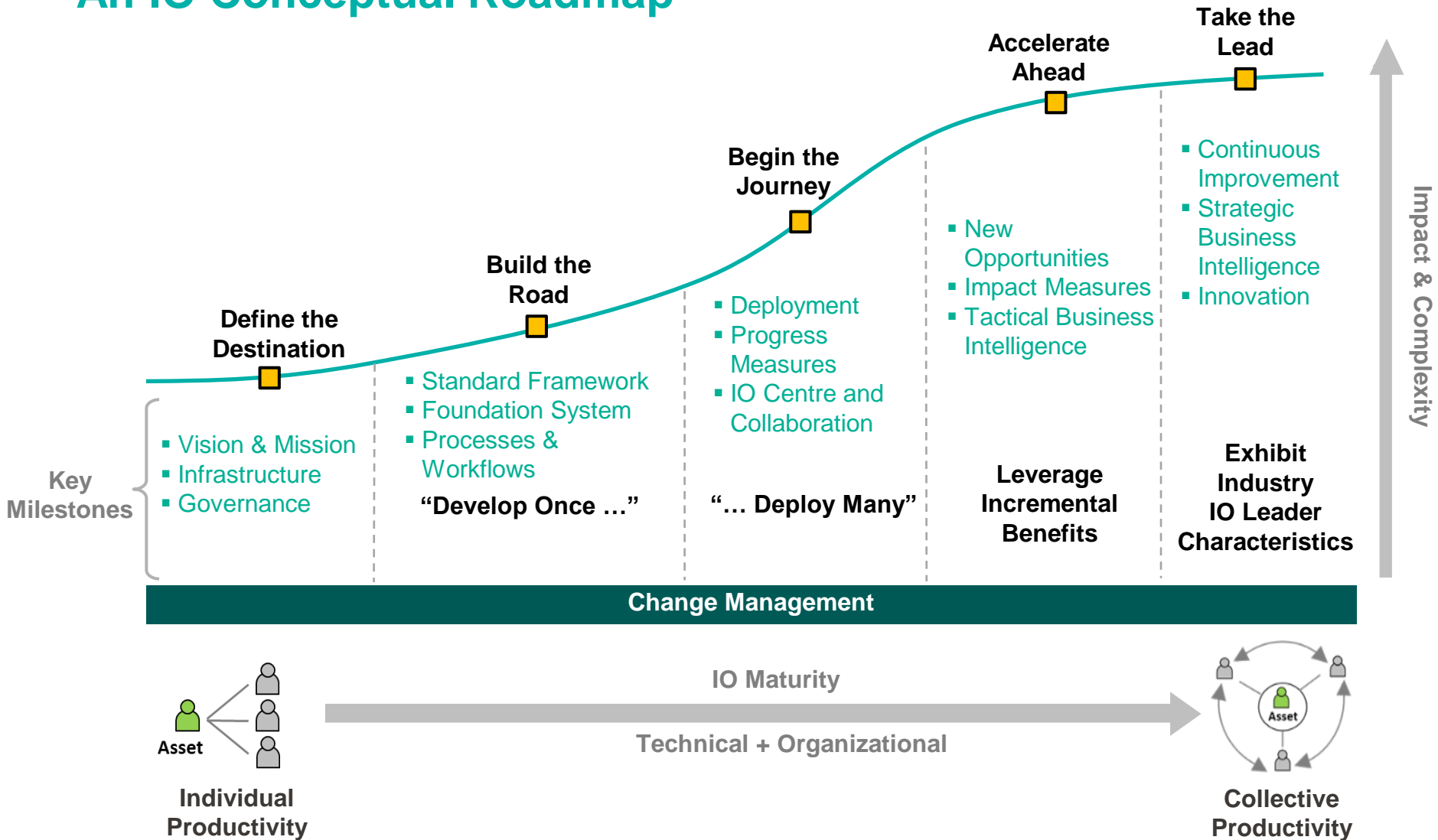
Business Process Improvement



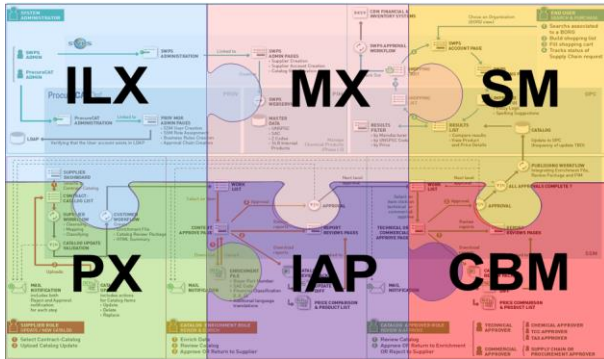
Managing management *push* and asset *pull*



An IO Conceptual Roadmap



Operational Linkages



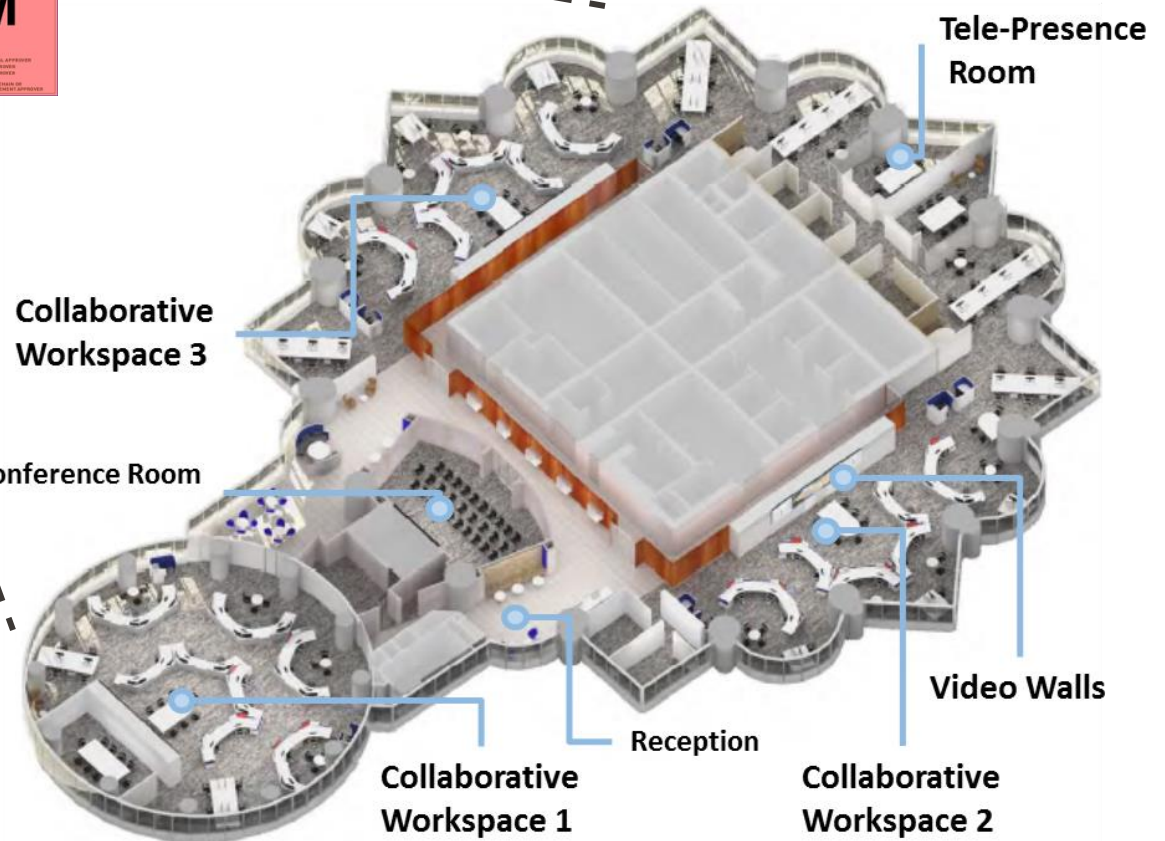
Function:

- IO Centre Of Excellence
- Strategic Decisions
- Global operations monitoring & optimization
- Global Subject Matter Expert (SME) support



3 Main Collaborative Work Spaces with 24/7 capability :

- MX-Maintenance Excellence
- CBM-Condition Based Monitoring
- IAP-Integrated Activity Planning
- IL-Integrated Logistics
- SDM-Shutdown Management
- PX-Production Excellence



THANK YOU