



The logo for TEXO, featuring the word "TEXO" in a bold, white, sans-serif font. The letter "X" is stylized with an orange triangle pointing downwards from its top right corner.

TEXO



Working differently to increase execution efficiency
on a major UK North Sea FPSO

Steve Johnson
Commercial Director, TEXO
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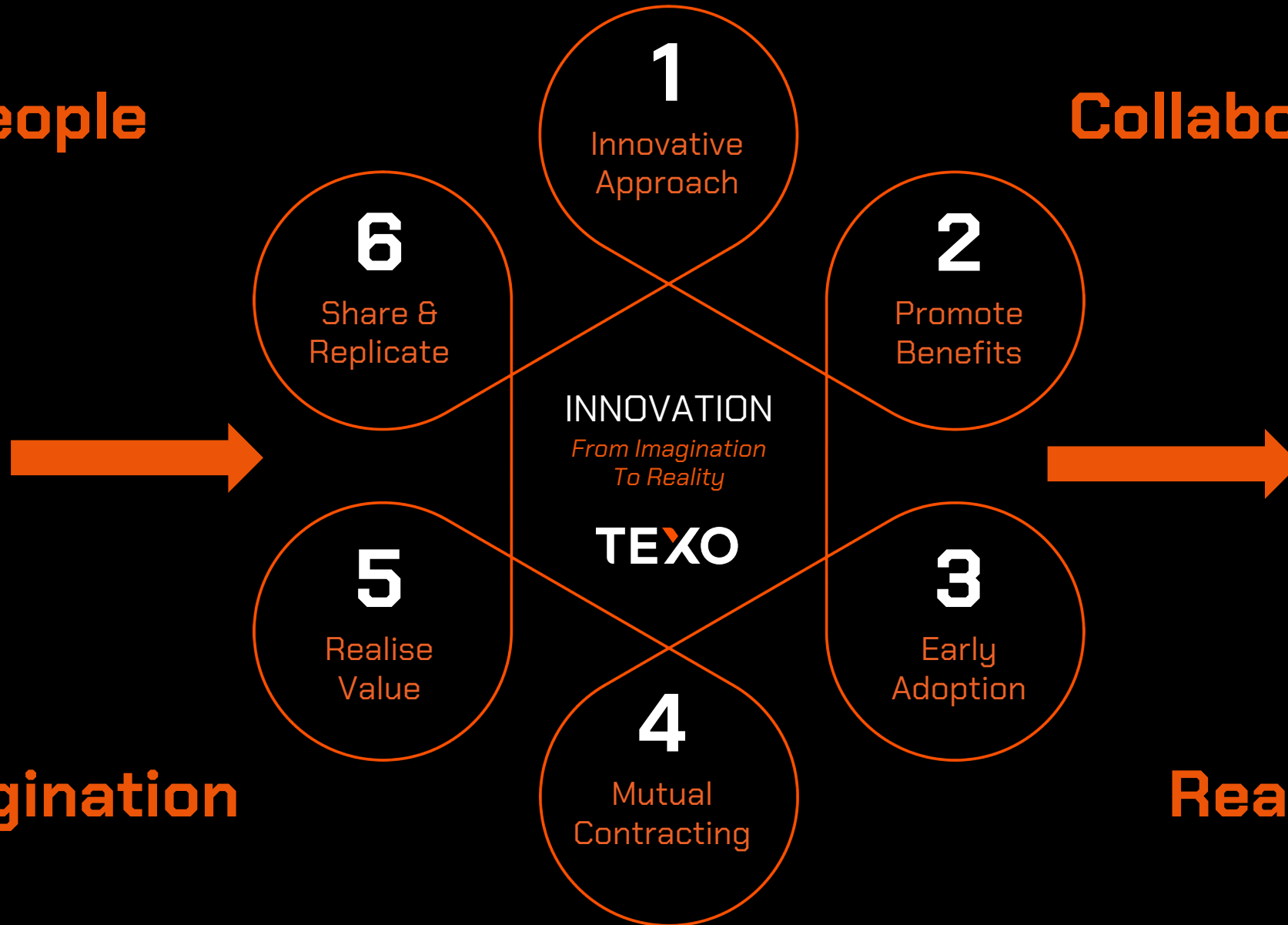


People

Collaboration

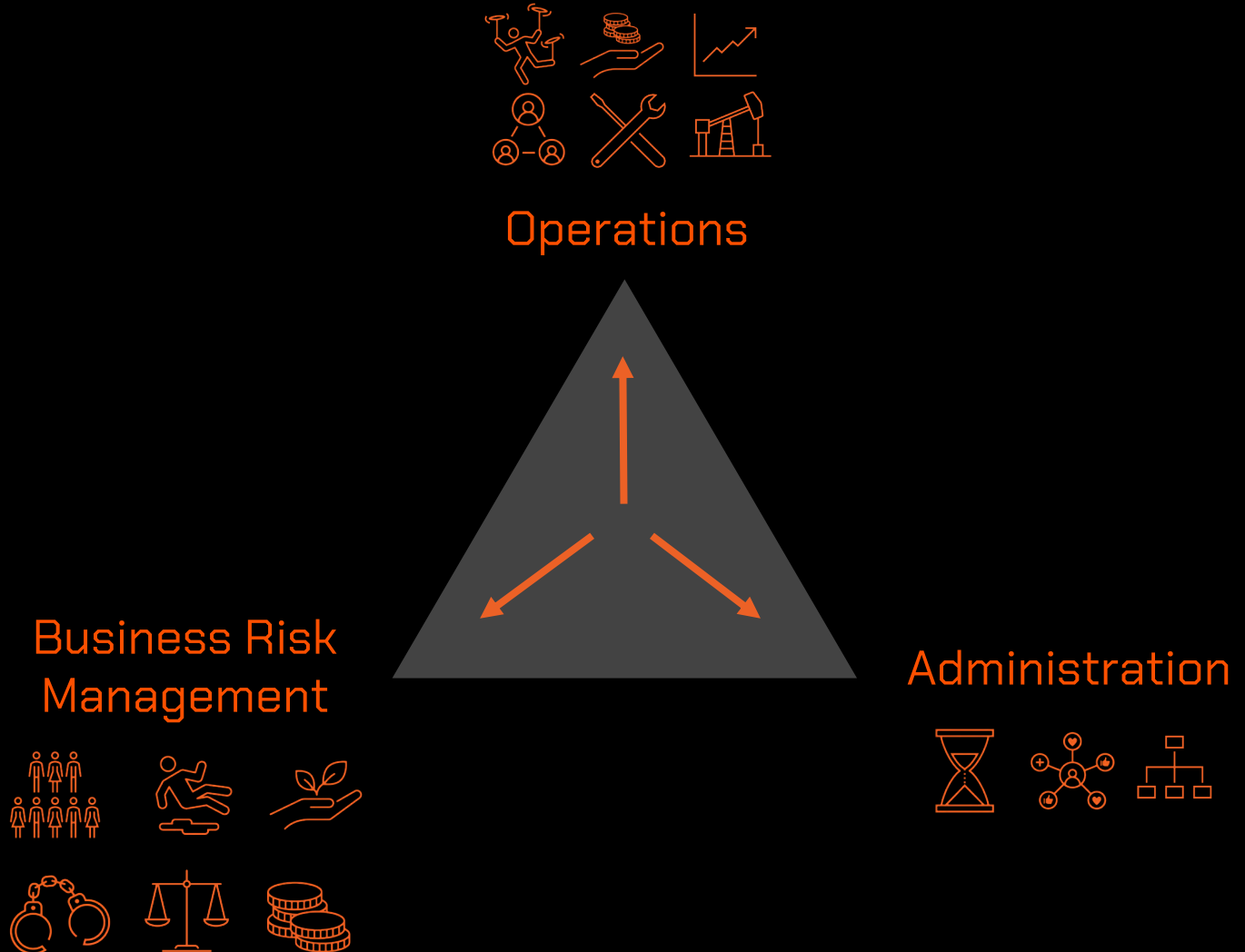
Imagination

Reality



Work Execution Efficiency Challenge

TEXO has developed specialist unmanned aerial system techniques with DNV to provide class approved inspections for storage tanks including FPSO cargo Tanks.





The Challenge

- Improvement on current methodologies
- Speed of deployment
- Requirement for reduced bed space
- Reduce risk to people in confined space
- Faster access to footage for assessment (DNV)
- Adaptability for change of scope
- Minimal downtime of asset
- Conforms to stringent inspection regulations



The Solution – Safety

- **Confined Space Work** – No manned entry to the tank – all operations occurring from outside the tank.
- **Working at Height** – Working at height hazard is reduced with less traditional working at height methods.
- **Minimise Exposure** – Detailed piloted inspections can majorly reduce the time required working at height and within a confined space by targeting the required areas highlighted from the drone.
- **Dropped Objects** – Inspection team able to identify ahead of manned entries.
- **Inaccessible Areas** – Team able to inspect roof steel work with ease and restrictive environments.
- **Class Accredited** – TEXO have developed methodology with DNV to ensure inspections are conducted to the highest standard in terms of safety in respects to personnel and the vessels and quality of data.



The Solution – Efficiency

- **Inspection Speed, POB and reduced downtime** – A 4 POB, 14 day work scope reduced to two POB over 96 hours. Able to complete multiple scopes on board.
- **Coverage** – Able to access from the roof top to the tank bottom and even fly between compartments with ease.
- **Targeted Detailed Surveys** – Tool to aid inspectors in targeting their follow up inspections.
- **Specialist Methodology** – Specialist inspection methodology ensuring DNV fully satisfied with the data.
- **Collaborative Working** – Instant **LiveStream** upload to desktops/laptops/handhelds and **TexZone** allows DNV inspectors to review footage, set follow ups and direct survey without being offshore. Instantly share footage, comments and findings with organisations via their browser as required and allows collaboration and complete transparency through the whole inspection.
- **Flexile Inspections** – Rapidly change inspection routines to follow up on observed defects without having to change access plans.

The Solution – Beyond Just Approval



https://www.youtube.com/watch?v=HCKRmQ_Lo0g

TEX **ZONE**

Switch on the power to do more.





Thank You

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