

# COLLABOR8 ILAP – WELCOME



FORUM

### ILAP HISTORY & STATUS OVERVIEW +10 YEARS OF INDUSTRY COLLABORATION & CONTINUOUS IMPROVEMENTS



FFSHORE NORGE

Norskolje&gass

**EPIM** 

KonKraft

# MANAGERS & USERS SEE JUST THE TIP OF THE ICEBERG,



# **ILAP VALUE PROPOSITION**









# KRISTOFFER & COLLABOR8



# **KRISTOFFER'S BACKGROUND**



If you want to transformation humans dare to think differently





# Realising benefits through industry collaboration, common standards and shared digital solutions.



# **INDUSTRY COLLABORATION**

#### Vision:

Drive industry collaboration initiatives, enabling business transformation through standardization and data sharing, to the benefit of the industry.

#### https://collabor8.no/

Collabor8	Services Support Collaboration projects Sign up		
For Operators	For Suppliers		
API Module for Cash Call and Billing Authority Communication	Collabor8 Hello ERA Acute EqHub ILAP Loop		
Collabor8 Hello Critical ERA Acute EqHub Footprint	Magnet JQS TIRC		
GSTR Guide to Resource Regulations		FPIM	Norskolje&g
Human Rights Assessment Service ILAP Joint Audit (Helicopter)			Norskoljedg
L2S Loop Magnet JQS Security Agreements Subsurface			
TIRC Virtual Inventory	How to register a		



# **DIGITAL PORTFOLIO**

#### ASSET AND LICENSE MANAGEMENT

#### L2S

- authority communication
- api module for cash call and billing
- subsurface
- gstr
- ilap

#### MATERIAL MANAGEMENT

- virtual inventory
- critical
- eqhub
- tirc
- loop

#### ENVIRONMENT

footprint
 eraacute

guide to resource regulations

REGULATIONS



# CREATING VALUE THROUGH DIGITAL COLLABORATION





- Analyze existing ideas
  obtained
- Collect and review new ideas
- Ideate and structure idea backlog of initiatives that is within our focus areas
- Evaluate ideas from the ideation phase based on defined strategic and technical selection criteria
- Mature short-list of selected ideas
- Recommend fully matured ideas for the project phase
- Execute the project supported by Offshore Norge based on the set
- Project type
- Project organization
- Governing structure
- Financing
- Run as JIP or by Offshore Norge
- Develop pilot/MVP (if relevant)
- Prepare implementation and roll-out

- Implement and adopt the digital initiative in the industry
- Deliver business value
- Continued improvements
- Operational governance, either provided by Offshore Norge or other agreed party



**Key Activities** 

# ILAP - STRATEGY





# FROM INTENT TO STRATEGY ALIGNMENT



#### **Broad Ecosystem Network**

#### Description

- We start by building further on the 10 years of collaboration & learnings from other Collabor8 services
- The ILAP service strategy uses the concept of Digital Platforms & Ecosystem thinking combined with project theory as it's pillars
- We want you to understand and give feedback so we can collaborate, learn improve, and align



## VITAL COMPONENTS FOR A <u>DIGTAL</u> PLATFORM SERVICE

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0 •• 0 •• Defining the path to become a digital platform, a business model used to grow and scale in new markets and develop ecosystem strategies, commercial Model & monetization, capabilities that will make the digital platform viable and competitive

### **Digital Platform Engineering**

Digital

Platform

**Strategy** 

Building the product, data services and nfrastructure required to operate a modern digital platform



Change management & evangelism to increase use. Identifying, attracting and engaging the ecosystem players required for a successful multi-sided digital platform



Ensuring the trust, security and global compliance required in a complex digital platform environment

### Digital Platform Enablem

Supporting functions & technologies to enable digital platforms; Service Desk, communication, contracts, Terms & conditions, life-cycle mgmt., continuous improvement framework



# **DIGITAL CORNERSTONES IN UPSTREAM**

#### **Digital Production**

Proactive issue resolution & optimal operation utilizing advanced digital technologies to provide greater integration and insights across the landscape of legacy systems from distributed control systems to sensor

#### **Digital Asset mgmt.**

Digitized assets connected in real-time to provide intelligence for self-healing, to forecast demand and understand changing performance requirements, providing insights into both risk and value to the enterprise

#### 000 **Digital Value chain optimization**

Secure & scalable common cloud platform. Rationalization of infrastructure, applications and data. Agile subsurface workflows and on-demand managed services. Advanced knowledge management, greater insight & decision-making

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#### **Digital Worker**

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Augmented workers improve efficiency and safety, becoming a connected asset to be coached, scheduled and monitored in real-time, protected and optimized by digital technologies

#### **Digital Subsurface & Wells**

Ni Secure & scalable common cloud platform. Rationalization of infrastructure, applications and data. Agile subsurface workflows and on-demand managed services. Advanced knowledge management, greater insight & decision-making

#### **Digital Engineering & Capital Projects**

Using digital tools beyond CAD to better access, recycle and use engineering, operational, security and enterprise data to better predict, plan, control and execute capital projects across the upstream lifecycle



## **BACKGROUND FOR ILAP**

9 out of 10 projects run "over budget, under benefits" over & over again- regularly up to 50%, and not uncommonly over 50%



**I** spend more time in moving data than actual work

**W**e have lost of trust due to unreliable data



## **DIGITAL PLATFORM ECOSYSTEM**



Scope = Schedule Data



## THE SECRET FORMULA TO SUCCESS

## **Technology**

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Next-level process automation	and process virtualization	Future of connecti
Industrial IoT <sup>1</sup> Robots/cobots <sup>2</sup> /RPA <sup>3</sup>	Digital twins 3-D/4-D printing	5G and IoT connectivity
Next-generation  computing	5 Applied Al	6 Future of program
Quantum computing Neuromorphic chips (ASICs <sup>4</sup> )	Computer vision, natural-language processing, and speech technology	Software 2.0



## ethodology





## WE DON'T HAVE A SECRET FORMULA, BUT WE HAVE SOME FOCUS AREAS



- Put the users at the heart of solving critical business challenges
- Create positive user experiences
- Maximize adoption

- Start-up mentality
- Catch lesson learned
- Continually iterate ways of working
- Service Innovation

#### LEADERSHIP COMMITMENT

- Help leaders drive new ways of working
- Demonstrate engagement through actions, support and participation



# A BUSINESS TECHNOLOGY MINDSET

INTEGRATE INCREMENTAL IMPROVEMENT WITH DISRUPTIVE DIGITAL INNOVATION

## **Transform Business Capabilities**

Innovation and data as an asset

THE REAL PROPERTY AND ADDRESS OF ADDRES

## Build Digital Frontline

Planner Experience and collaboration



## Modernize Technology Backbone

Quality, performance and future proof



# **ECOSYSTEMS & DIGITAL PLATFORMS**

**Delivering a product and a transaction** 

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The key is to build on the back of the product user base with a digital platform ecosystem designed to create long-lasting relationship & loyalty



A Digital Ecosystem comprised of companies, people, data, processes, and things that are connected by the shared use of a digital platform



## A BUSINESS MODEL TO ENABLE CONTINUOUS INNOVATION



## TOP 10 COMPANIES BY MARKET CAP - APRIL 2023





## GOOD THINKING, BUT IS IT FEASIBLE IN OUR CONTEXT?



## IS KRISTOFFER STUCK IN THE CLOUD?

# **DIGITAL PORTFOLIO**



#### ASSET AND LICENSE MATERIAL ENVIRONMENT REGULATIONS MANAGEMENT MANAGEMENT L2S virtual inventory footprint authority communication critical • eraacute api module for cash call and billing eqhub subsurface • tirc

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Developer

Screenca

# **PROCESS FOR CREATING COLLABOR8 CRITICAL**





# **TURNING THE PROCESS TO GET INNOVATION**





## CONNECTING THE DOTS INTO A MATERIAL MANAGEMENT SUITE

Collabor8		Services	Support	Collaboration projects	Sign up
virtual inv	entory				
FAQ 🕑 Support 🕹				Access servi	ce (login) 😔
Share inventory t	o increase collaboration, and reduce cost and de	elivery time			
About	Sharing is caring				
	Share today, invest in tomorrow.				
	Share your inventory with others to enable sharing economy and increa operators. Operators can also trade critical and expensive equipment t delivery time and increase collaboration.				
	Share – Gain the opportunity to share and show your inventory to	-			



# PLEASE BRING US HOME TO ILAP!



## ILAP SERVICE ECOSYSTEM STRATEGY



# THE DIGITAL PLATFORM EVOLUTION



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OFFSHORE NORGE



# ILAP BUSINESS MODEL

BUSINESS, STANDARDISATION & TECHNOLOGY TOGETHER CREATES A SCALABLE ECOSYSTEM



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OFFSHORE NORGE



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# DIGITAL PLATFORM ENABLEMENT





## WE DON'T HAVE A SECRET FORMULA, BUT WE HAVE SOME FOCUS AREAS



• Maximize adoption

**Service Management** 

Service Innovation

# ILAP - SERVICE CAPABILITY OVERVIEW



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HORK IN PROGRESS

## FROM ALIGNMENT TO CONTRIBUTION: WE NEED TO BUILD THE DELIVERY MUSCLES

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OFFSHORE NORGE



#### **Broad Ecosystem Network**





**OFFSHORE** NORGE

Thank you for your attention!