



HSE DIGITISATION

Embracing the 21st century in HSE



Petrofac 

Mobile revolution



**3 hours
15 minutes**

“ The average a person spends **3 hours and 15 minutes** on their phone daily ”



“ Digitization is the enabler to meet our HSE strategy and support our journey to attain our vision ”



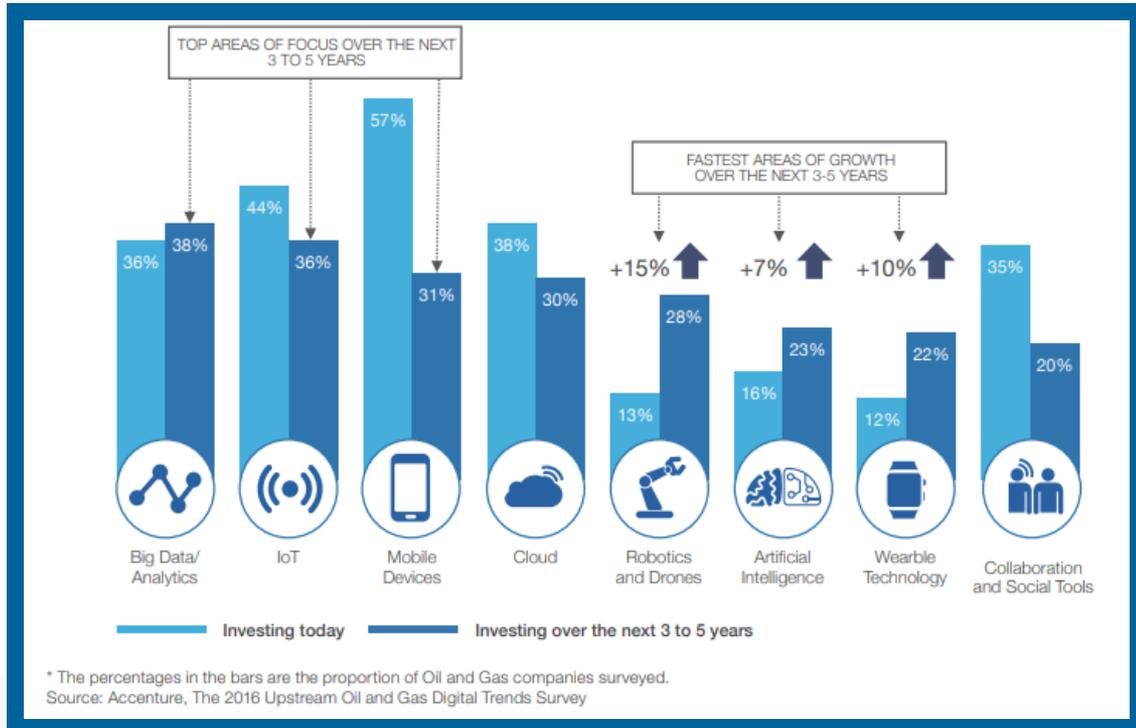
2025

2024

2023

2022





Two Pillars

-  "The shadow you cast"
-  Re-energize
-  Accountability & Responsibility
-  Visible



Leadership

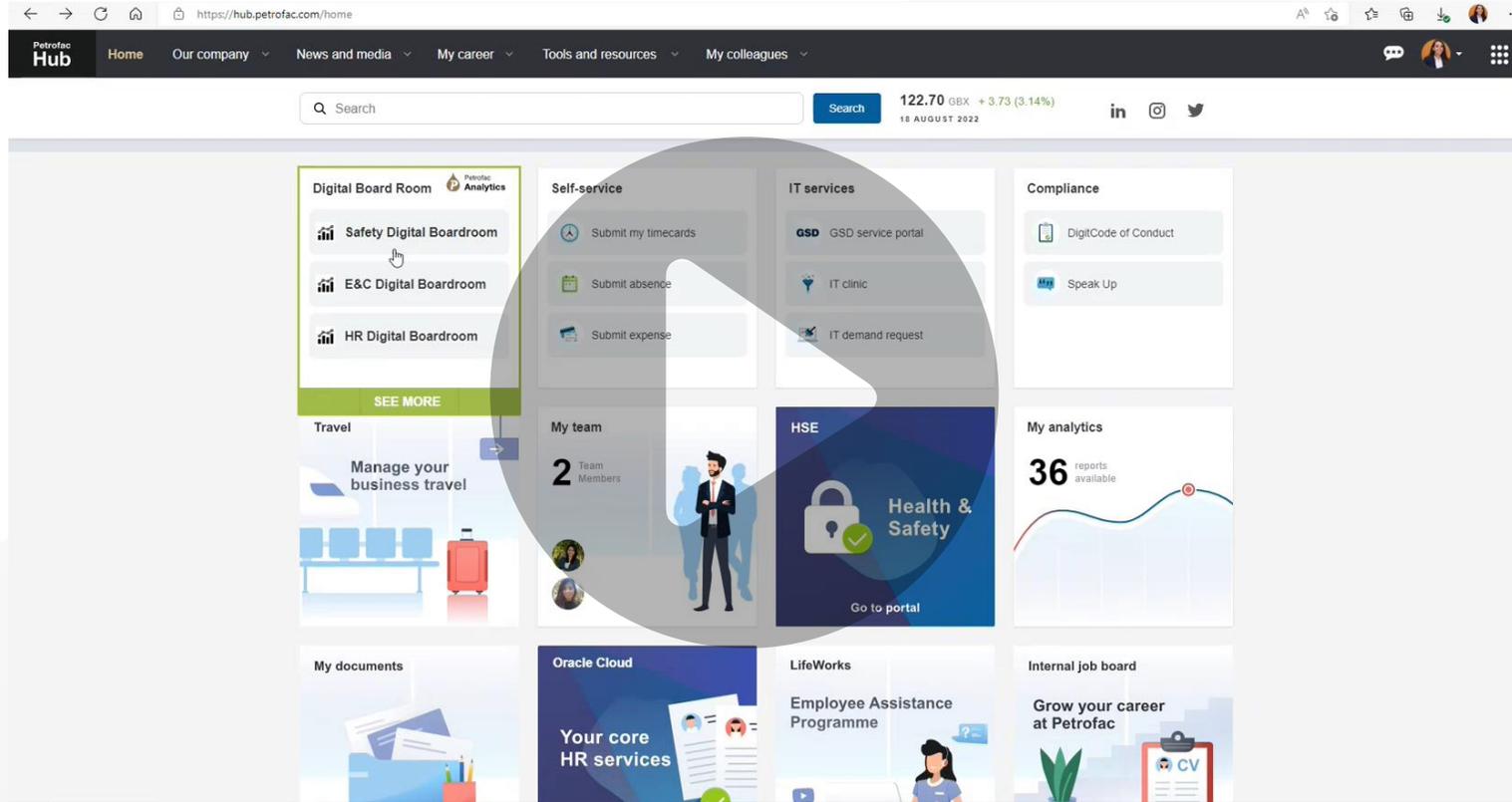
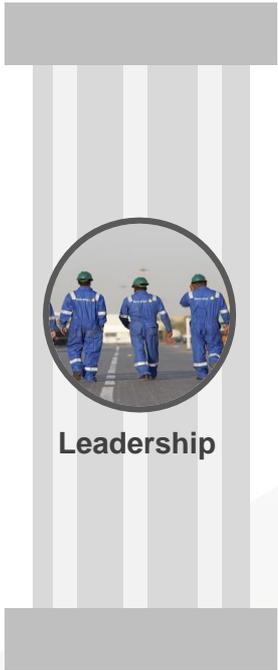


Employee Engagement

-  Increased situational awareness
-  Mobile digital technology
-  Improved communications & teamwork



Leadership



https://hub.petrofac.com/home

Petrofac Hub

Home Our company News and media My career Tools and resources My colleagues

Search 122.70 GBX + 3.73 (3.14%) 18 AUGUST 2022

Search

Digital Board Room

- Safety Digital Boardroom
- E&C Digital Boardroom
- HR Digital Boardroom

SEE MORE

Self-service

- Submit my timecards
- Submit absence
- Submit expense

IT services

- GSD GSD service portal
- IT clinic
- IT demand request

Compliance

- DigitCode of Conduct
- Speak Up

Travel

Manage your business travel

My team

2 Team Members

HSE

Health & Safety

Go to portal

My analytics

36 reports available

My documents

Oracle Cloud

Your core HR services

LifeWorks

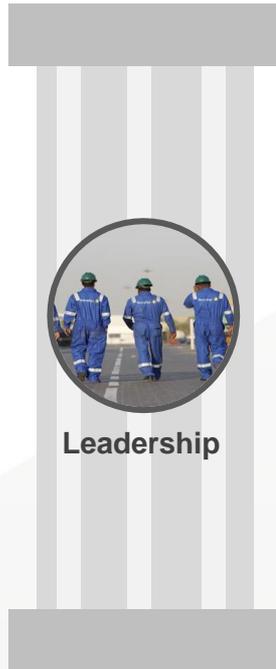
Employee Assistance Programme

Internal job board

Grow your career at Petrofac

Challenges

-  "The shadow you cast"
-  Re-energize
-  Accountability & Responsibility
-  Visible



Digital reporting feeding to a single data lake



HSE Data governance procedure



Agree on the dashboard metrics and purpose

HSE DIGITAL ROADMAP 2023 - 2026

Transforming our core



Monthly Ranking table



“ In few months we observed reduction of high risk overdue actions from 11% to 1% globally ”



“The shadow you cast”



Re-energize



Accountability & Responsibility



Visible



Business Unit A	2022 05					
	LTR	TRIR	% Overdue Actions	Observations per employee per YTD	Rank	Rank Change
Cendor	0.00	0.00	0.00%	214.00	1	↔0
Vedanta Rawas	0.00	0.00	0.00%	59.38	2	↔0
SNOC LFD	0.00	0.00	0.00%	43.35	3	↔0
Sarica	0.00	0.00	0.00%	31.33	4	↔-1
Alwaser Bahrain Field	0.00	0.00	3.70%	60.69	5	↔1
Kitwaka	0.00	0.00	0.00%	23.52	6	↔
West Desaru	0.00	0.00	0.00%	23.25	7	↔
NDF Malaysia	0.00	0.00	0.00%	22.52	8	↔
GP	0.00	0.00	0.00%	20.04	9	↔
Vestline	0.00	0.00	0.00%	18.75	10	↔
COEEP	0.00	0.00	7.45%	30.28	11	↔
Respal Sim	0.00	0.00	0.00%	12.77	12	↔
Artemas	0.00	0.00	0.00%	10.94	13	↔
Levante	0.00	0.00	42.48%	18.04	14	↔
PL	0.00	0.00	0.00%	5.90	14	↔
PL	0.00	0.00	57.69%	17.62	16	↔
PL	0.00	0.00	0.00%	0.00	17	↔
PL	0.00	0.00	8.33%	2.24	18	↔
PL	0.00	0.00	25.00%	0.00	19	↔
Alaska	0.00	3.11	9.09%	58.17	20	↔
NEO Energy	0.00	3.64	0.00%	3.26	21	↔
North Sea Pioneer	0.00	18.24	48.88%	13.05	22	↔
Reascan	0.00	4.31	34.88%	11.95	23	↔
PL	0.20	0.99	11.70%	6.25	24	↔

Locations/projects

Business Unit B	2022 05					
	LTR	TRIR	% Overdue Actions	Observations per Employee per YTD	Rank	Rank Change
Gathering Center GC-32 (JL-2035)	0.00	0.00	0.00%	41.47	1	↔0
Residue Hydrocracking Unit EPC (Sul)	0.00	0.00	0.00%	39.00	2	↔
Alagoon CPF (JL-2042)	0.00	0.00	31.43%	42.89	3	↔0
Sarici CPF (JL-2044)	0.00	0.00	0.00%	19.96	4	↔-1
Alagoon	0.00	0.00	2.13%	25.16	5	↔2
Samu Gas Compression P	0.00	0.00	0.00%	19.65	6	↔
Thibet (JL-2043)	0.00	0.00	2.13%	23.79	7	↔0
RZ Bela	0.00	0.00	0.00%	17.45	8	↔0
Alabrouk	0.00	0.00	14.29%	21.13	9	↔7
Alalah	0.00	0.00	0.00%	13.93	10	↔-1
PLCL Project	0.00	0.00	5.88%	18.42	11	↔1
Lower Fars Development Program Phase	0.00	0.00	0.00%	4.70	12	↔0
APP3 (EPC)	0.00	0.00	11.11%	13.07	13	↔4
SDG (EPC)	0.00	0.00	0.00%	0.00	14	↔
PL	0.00	0.00	5.13%	8.38	15	↔0
PL	0.00	0.00	30.77%	10.86	16	↔2
PL	0.00	0.00	2.56%	0.97	17	↔4
PL	0.00	0.05	0.00%	19.28	18	↔2
PL	0.06	0.34	28.77%	35.47	19	↔2

Locations/projects

- Ranking of projects within BU's
- Friendly competition
- Leading & lagging indicators
- Influence culture change with leading indicators



ME

ME

ME

ME

I want it to be
about **ME** first



Observation App – Increased Situational Awareness



Real-time reporting of safety observations (<1 mins)



Via mobile devices



Increased reporting



Improved accuracy of reporting



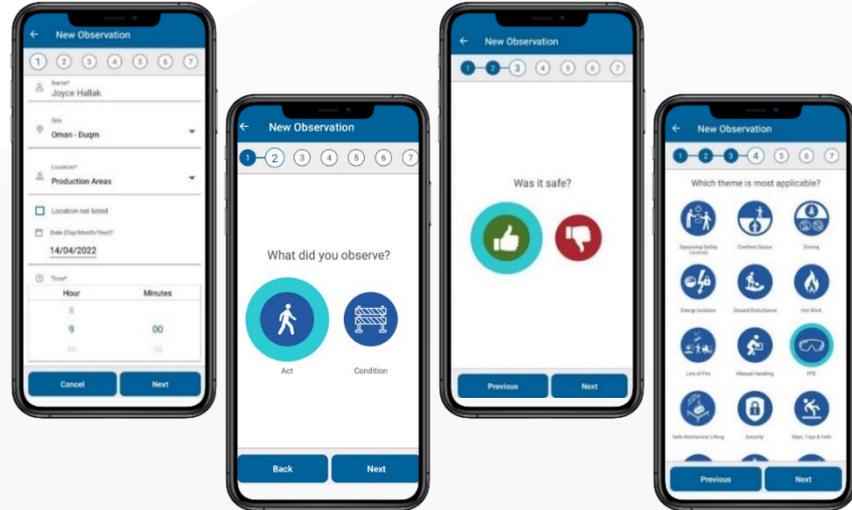
Improved situational awareness



Improved employee engagement



**Employee
Engagement**



Increased situational awareness



Mobile digital technology



Improved communications & teamwork



Driving Improvement App



Real-time driving improvement monitor



Via mobile devices



Gamification



Friendly competition



Improved recognition

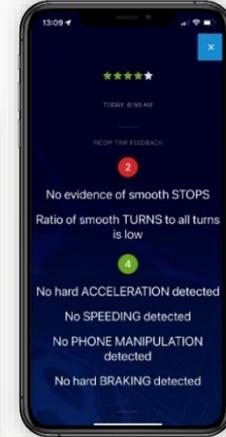
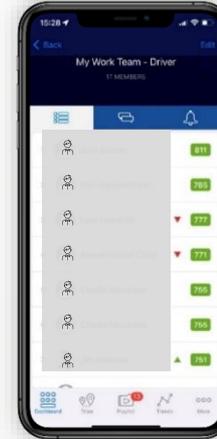


Trend analysis & insights



Realtime coaching and training videos





Increased situational awareness



Mobile digital technology



Improved communications & teamwork



Employee Engagement – Yammer



Employee
Engagement



 <p>All Company 6,054 members Created May 2020</p> <p>Joined</p>	 <p>Women's Employee Network Group 317 members Created Jun 2021</p> <p>Joined</p>	 <p>HSE 305 members Created Nov 2021</p> <p>Joined</p>
 <p>Security & Crisis Management Ne... 182 members Created Dec 2019</p> <p>Joined</p>	 <p>Environmental Sustainability Net... 143 members Created Oct 2021</p> <p>Joined</p>	 <p>Floor Wardens - Sharjah 141 members Created Oct 2021</p> <p>Join community</p>

“ Viewed by 3,800+ employees ”





When was the last time that I did this?

It's Rayan's birthday tomorrow

45°!



The boss isn't happy

Time is pressing

What do I need to do to stay safe!?!?



“Safety Hotspot” – Hands-on LSR training



Employee Engagement

- Life Saving Rules training
- Improved Contractor competency
- Practical training (*Minimum classroom*)



-  Increased situational awareness
-  Improved communications & teamwork

Confined Space



Energy Isolation



Excavation



Blind Spots



Rigging Practices



Working At Height



Training – Digital experience



Increased emphasis on eLearning



Mandatory HSE online training assigned to all employees



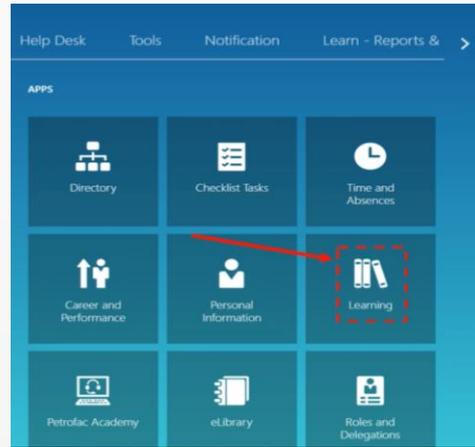
Bite-sized videos (2-3 mins)

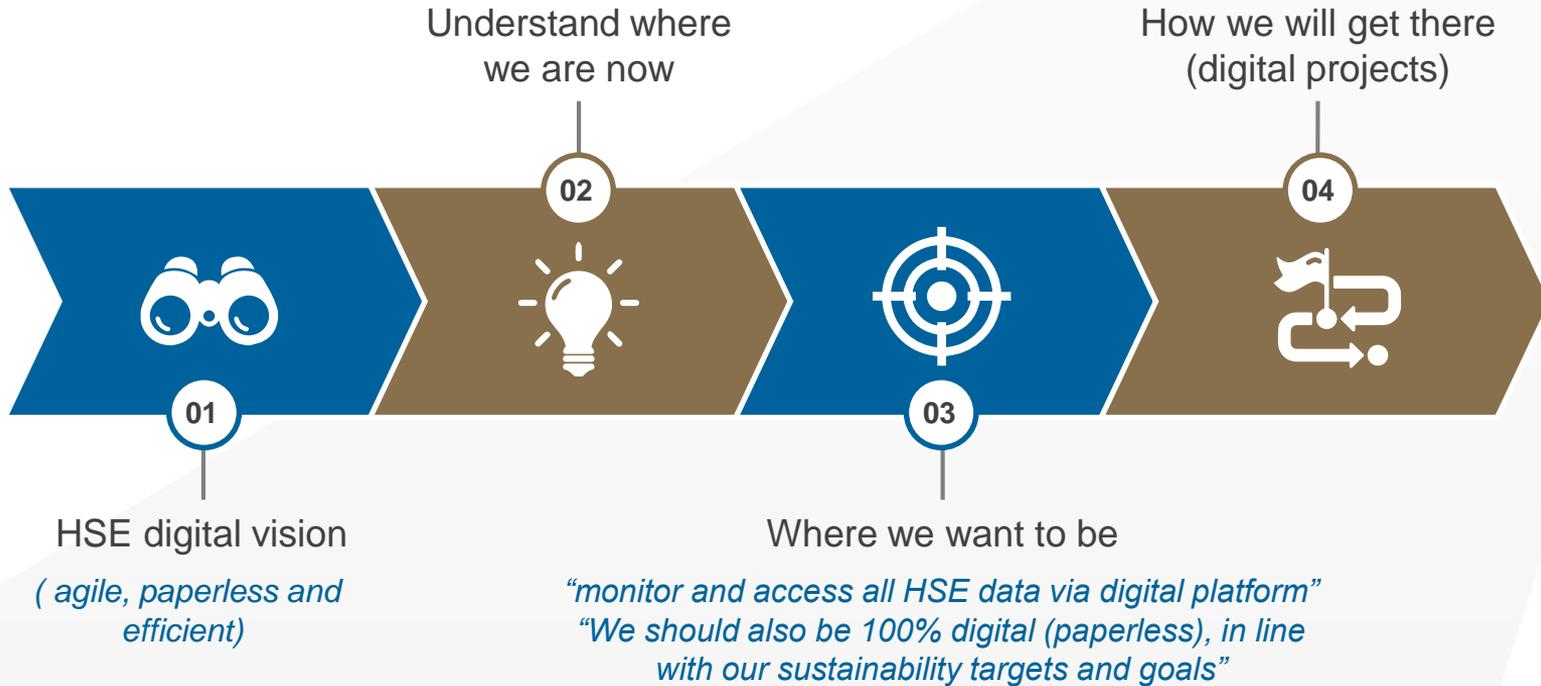


Gamification



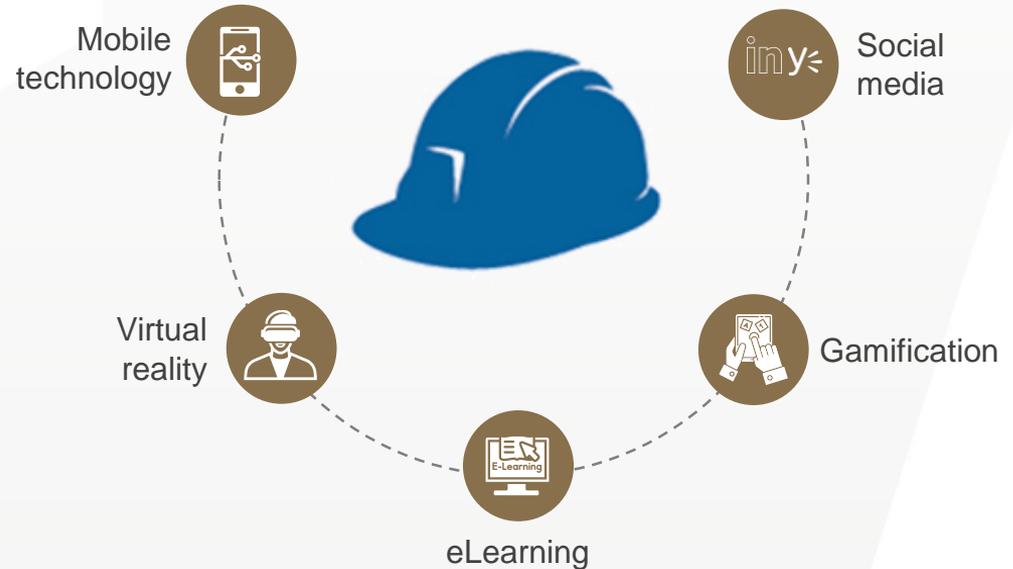
Via mobile devices





“ Health and Safety in the 21st century demands a 21st century approach embracing digital tools, eLearning, social media, gamification, virtual reality and mobile technology. ”

Health and Safety



Scan the
QR Code

