



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 ”



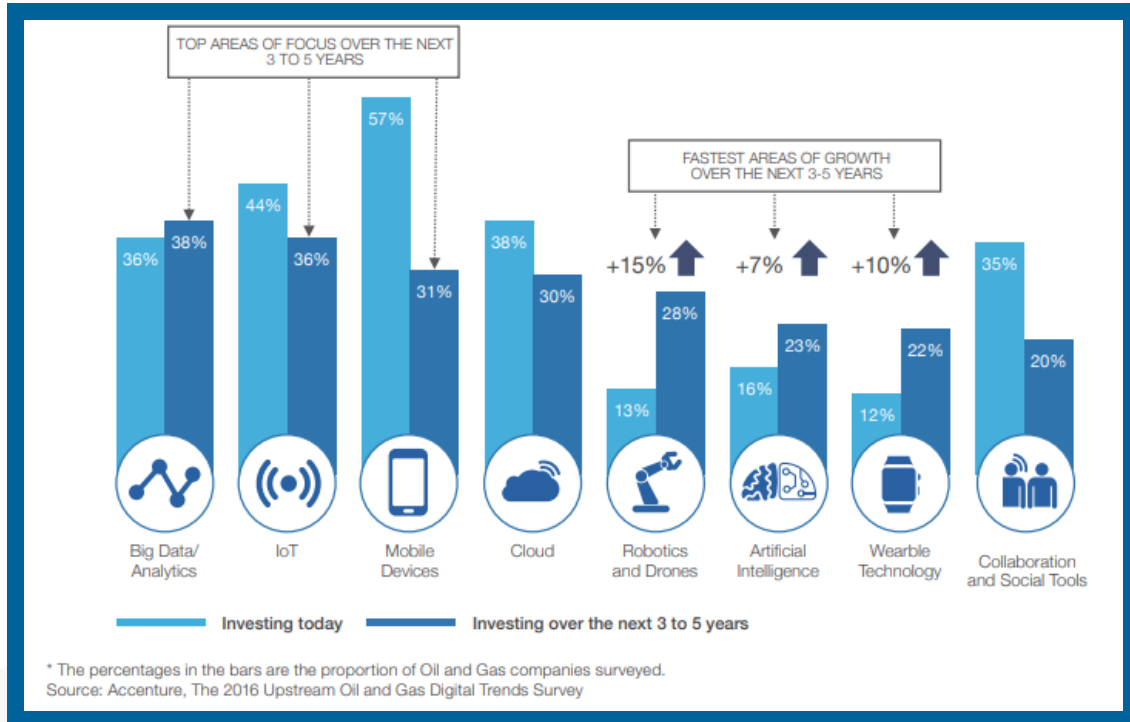
2022

2023

2024

2025





Two Pillars



“The shadow you cast”



Re-energize



Accountability & Responsibility



Visible



Leadership



Employee Engagement



Increased situational awareness

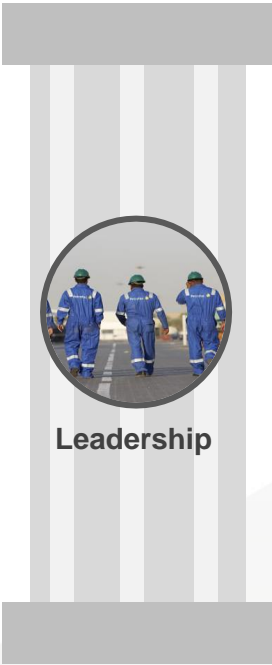


Mobile digital technology



Improved communications & teamwork








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 in Instagram Twitter

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

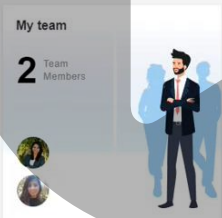
Travel

Manage your business travel




My team

2 Team Members




HSE

 Health & Safety

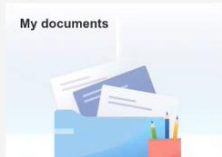
Go to portal

My analytics

36 reports available

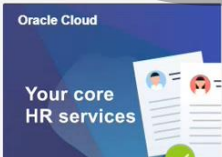


My documents




Oracle Cloud

Your core HR services



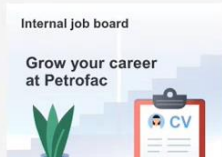
LifeWorks

Employee Assistance Programme



Internal job board

Grow your career at Petrofac



Challenges

-  “The shadow you cast”
-  Re-energize
-  Accountability & Responsibility
-  Visible



Leadership



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



"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 LPG	0.00	0.00	0.00%	43.35	3	0
Seneca	0.00	0.00	0.00%	31.33	4	-1
Talweer Bahrain Field	0.00	0.00	3.70%	60.69	5	1
Kilwaka	0.00	0.00	0.00%	23.52	6	
West Desaru	0.00	0.00	0.00%	23.25	7	
ABF Malaysia	0.00	0.00	0.00%	22.52	8	
GP	0.00	0.00	0.00%	20.04	9	
Neptune	0.00	0.00	0.00%	18.75	10	
GOEEP	0.00	0.00	7.45%	30.28	11	
Repsol Sino	0.00	0.00	0.00%	12.77	12	
Petronas	0.00	0.00	0.00%	10.94	13	
Repsol	0.00	0.00	42.48%	18.04	14	
CP	0.00	0.00	0.00%	5.90	14	
	0.00	0.00	57.69%	17.82	16	
	0.00	0.00	0.00%	0.00	17	
	0.00	0.00	8.33%	2.24	18	
	0.00	0.00	25.00%	0.00	19	
	0.00	3.11	9.09%	58.17	20	
	0.00	3.64	0.00%	3.26	21	
NEO Energy	0.00	18.24	48.88%	13.05	22	
Irish Sea Pioneer	0.00	4.31	34.68%	11.95	23	
Assurance	0.20	0.99	11.76%	6.25	24	

Locations/projects

“



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

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

Business Unit B	2022 05					
	LTR	TRIR	% Overdue Actions	Observations per Employee per YTD	Rank	Rank Change
Gathering Center GC-32 (JL-2033)	0.00	0.00	0.00%	41.47	1	0
Residue Hydrocracking Unit EPC (JL-2042)	0.00	0.00	0.00%	39.00	2	0
Ngason CPF (JL-2042)	0.00	0.00	31.43%	42.89	3	0
Ngason CPF (JL-2044)	0.00	0.00	0.00%	19.96	4	-1
Seagreen	0.00	0.00	2.13%	25.16	5	0
Sumut Gas Compression P (JL-2048)	0.00	0.00	0.00%	19.65	6	0
Tinnet (JL-2043)	0.00	0.00	2.13%	23.79	7	0
KZ Bela	0.00	0.00	0.00%	17.45	8	0
Abrouk	0.00	0.00	14.29%	21.13	9	0
Salah	0.00	0.00	0.00%	13.93	10	-1
PPCL Project	0.00	0.00	5.88%	18.42	11	-1
Lower Fats	0.00	0.00	0.00%	4.70	12	0
MDP3 (JL-2048)	0.00	0.00	11.11%	13.07	13	-4
0.00	0.00	0.00%	0.00	0.00	14	0
0.00	0.00	5.13%	8.38	15	0	
0.00	0.00	30.77%	10.86	16	0	
0.00	0.00	2.56%	0.97	17	-4	
0.00	0.05	0.00%	19.28	18	0	
0.06	0.34	28.77%	35.47	19	-2	

Locations/projects



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



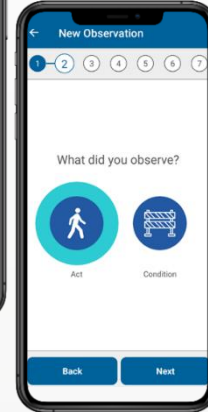
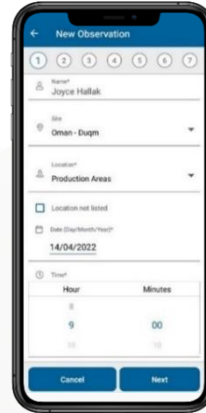
Improved situational
awareness



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

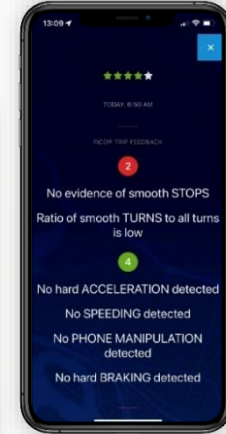
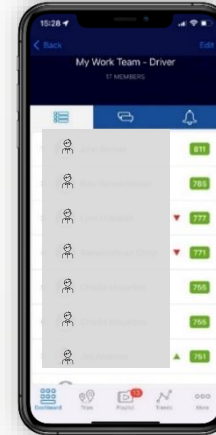


Realtime coaching and training videos

eDriving®



**Employee
Engagement**



Increased situational awareness



Mobile digital technology



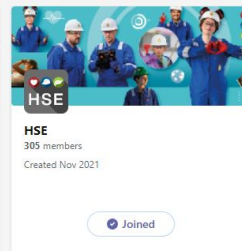
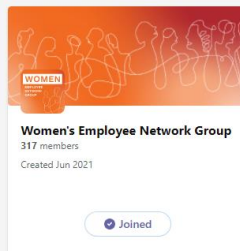
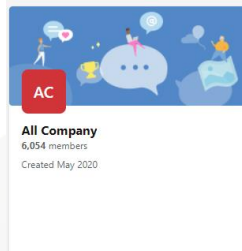
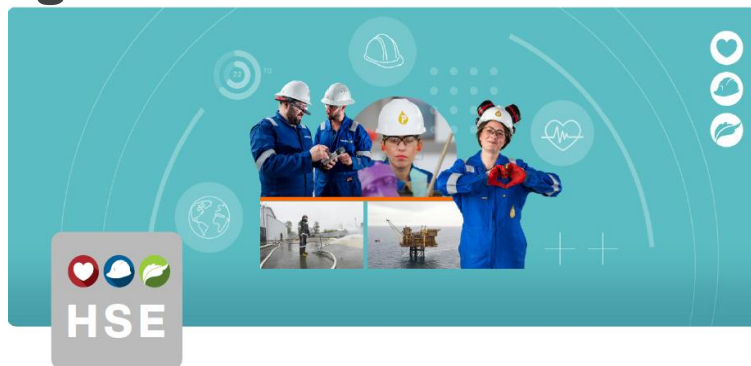
Improved communications & teamwork



Employee Engagement – Yammer



Employee
Engagement



“ 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



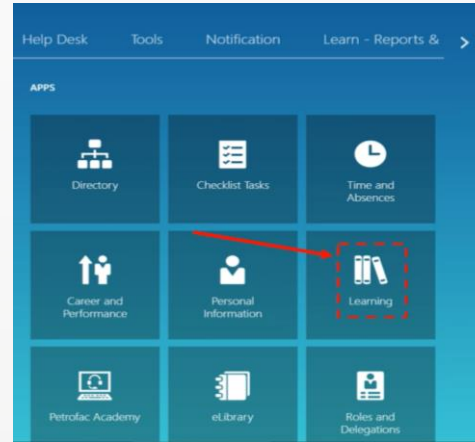
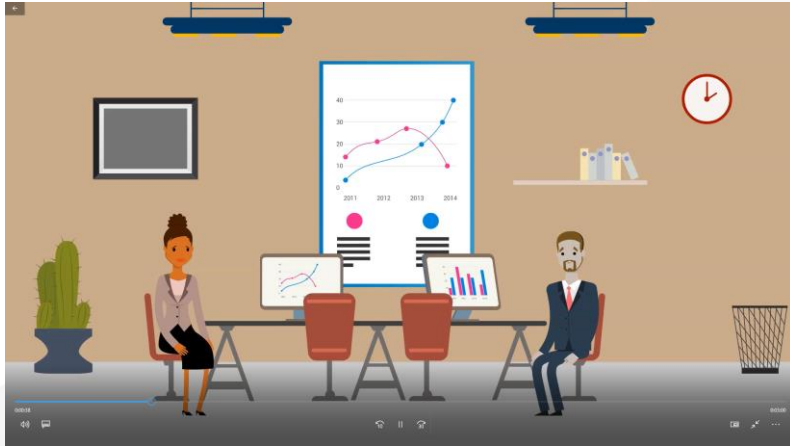
Bite-sized videos (2-3 mins)

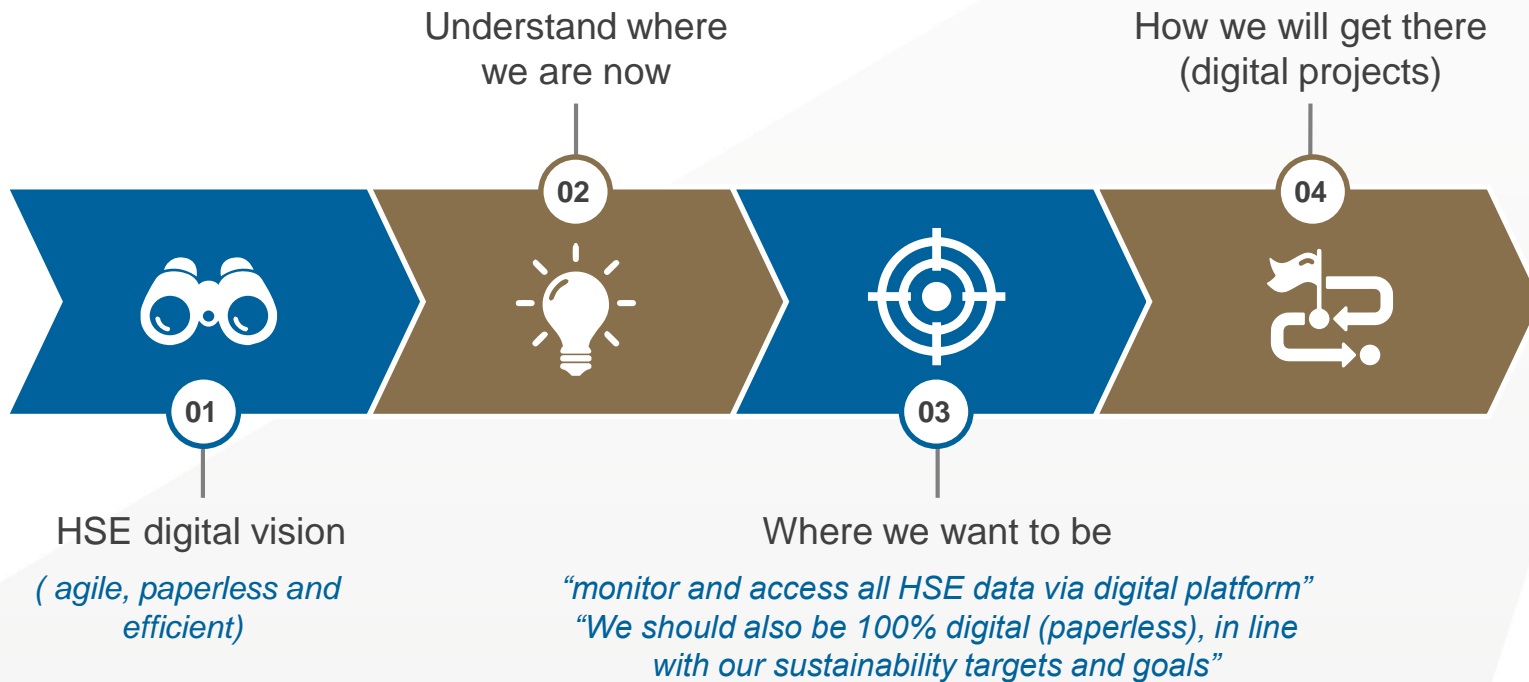


Gamification



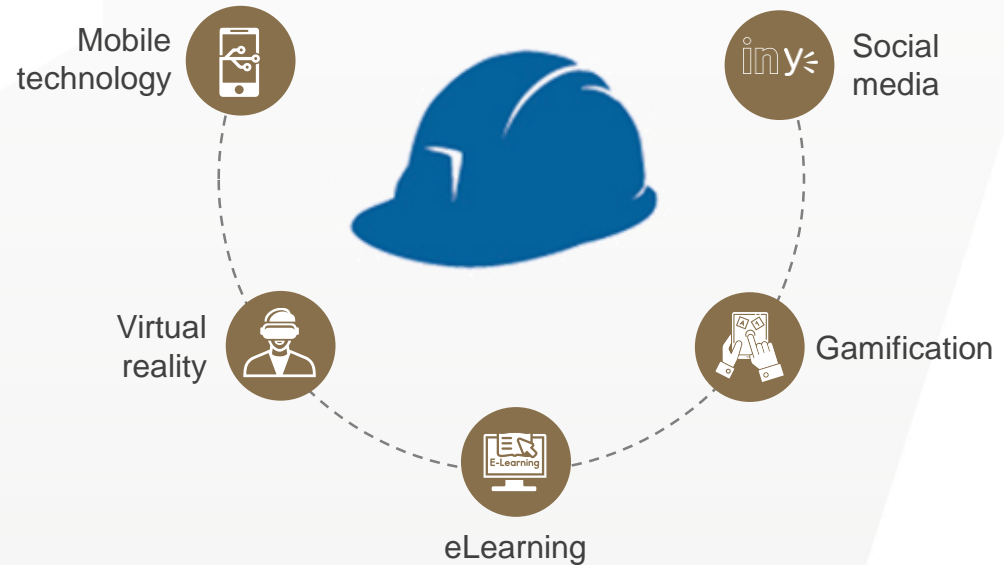
Via mobile devices





“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



QR Code

