



Trans Adriatic
Pipeline

TAP HSE Culture Programme

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IPLOCA Regional Meeting

Parma, May 2019



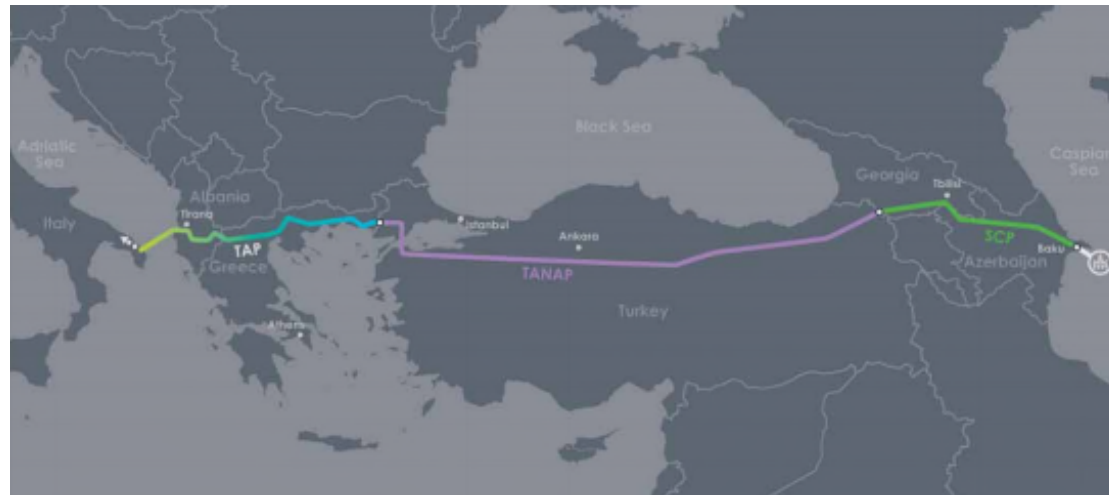
Agenda

- TAP Project
- TAP HSE KPIs
- HSE Culture Programme



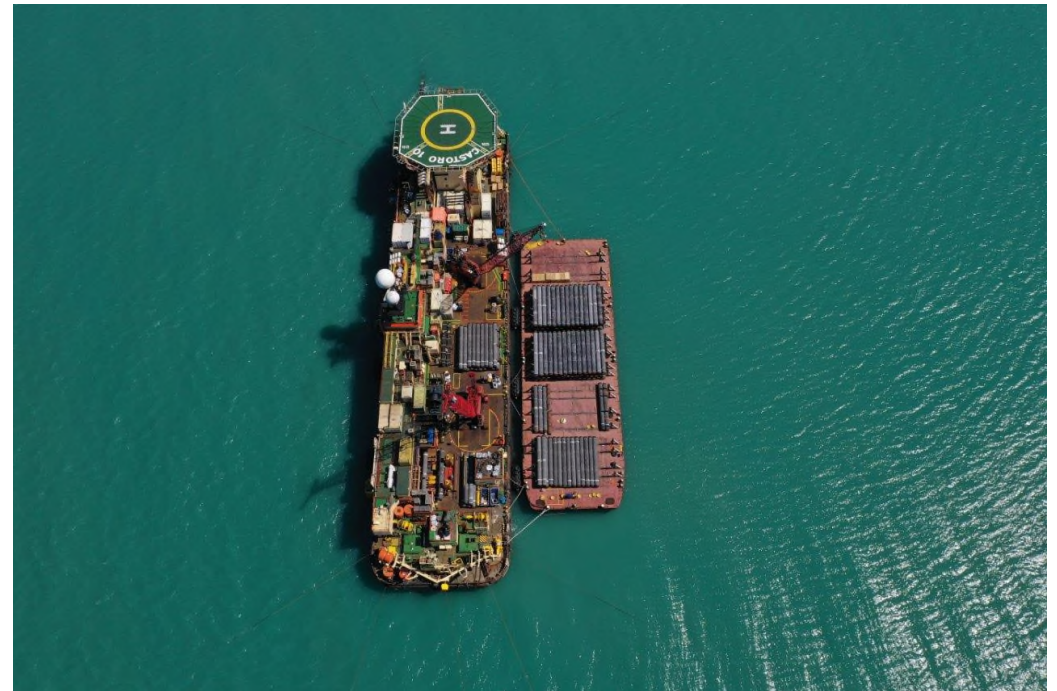
About TAP

- Part of Southern Gas Corridor (TAP, TANAP, SCPx)
- Aimed at improving the security and diversity of the EU's energy supply.
- 878 km in length (Greece 550 km; Albania 215 km; Adriatic Sea 105 km; Italy 8 km). Its highest point is approximately 2,100 m in Albania's mountains, while its lowest will be approximately 810 m beneath the sea.
- Initial capacity 10 bcm/a

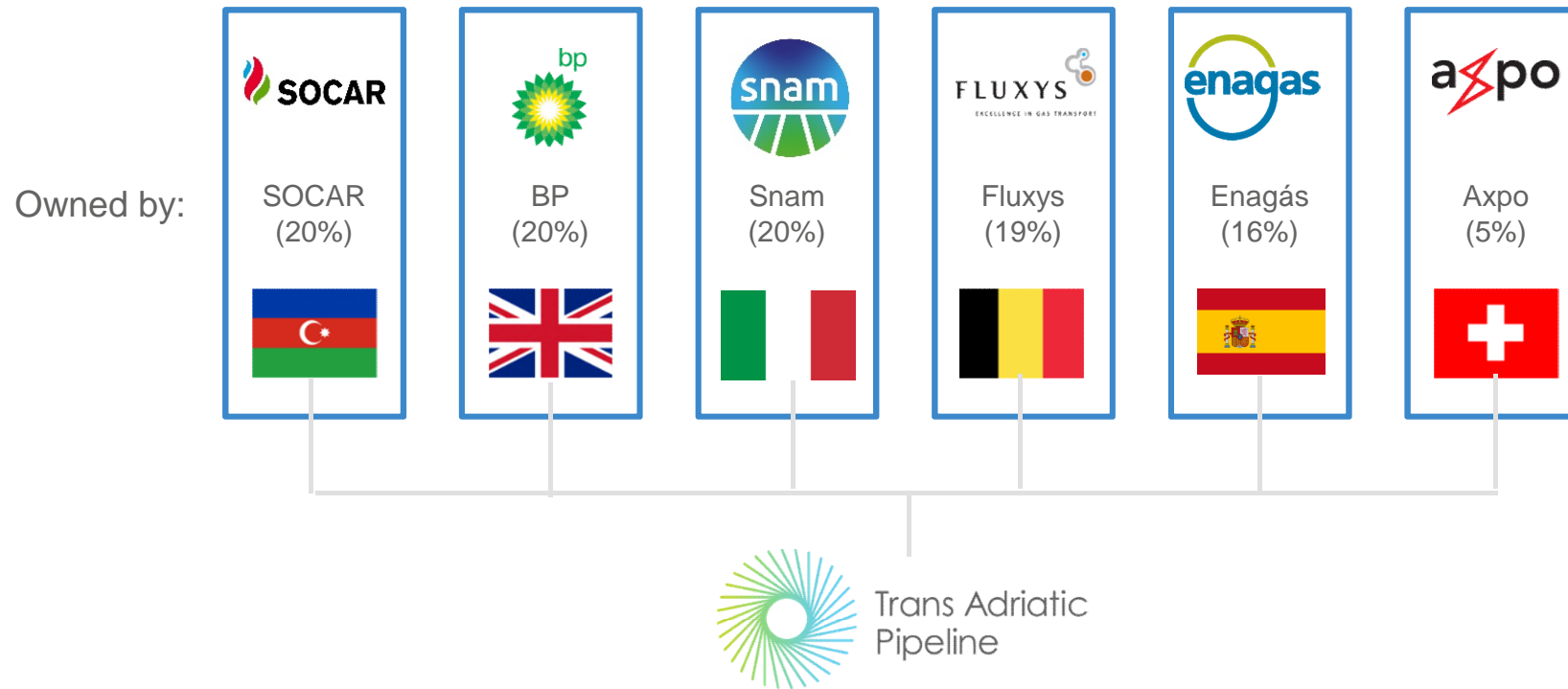


About TAP

- Head Quartered in Baar, Switzerland
- Branch business offices in Athens, Rome, Lecce and Tirana. There are also project execution offices near the route of the pipeline in Thessaloniki, Tirana and in the Melendugno area.
- TAP currently employs over 250 specialists from 30 countries and many thousands more personnel via our EPC Contractors



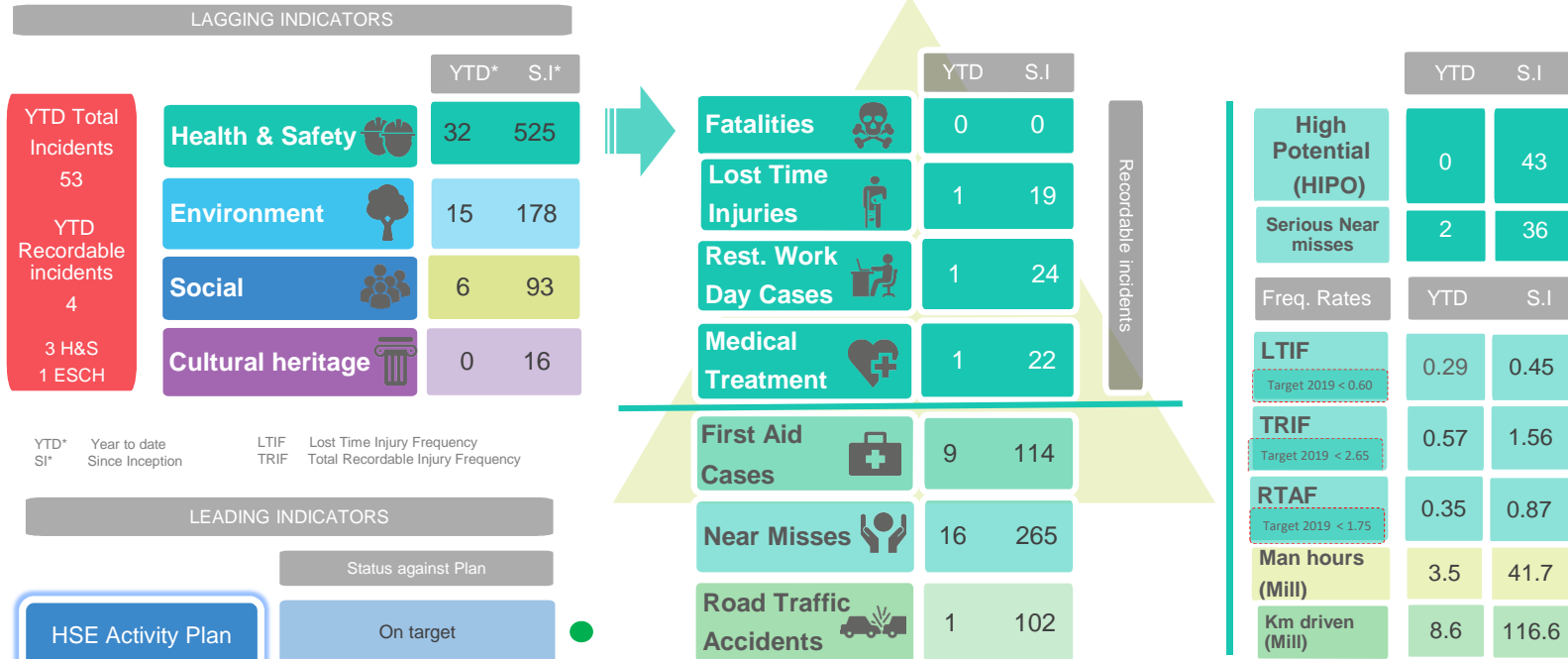
TAP's shareholders



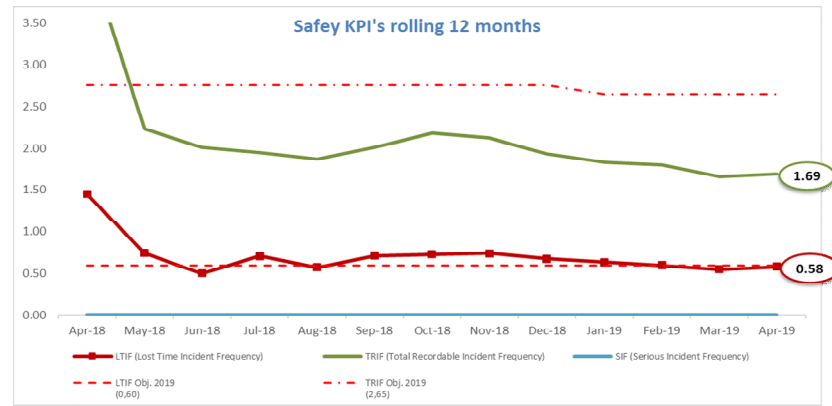
EPC Contractors:



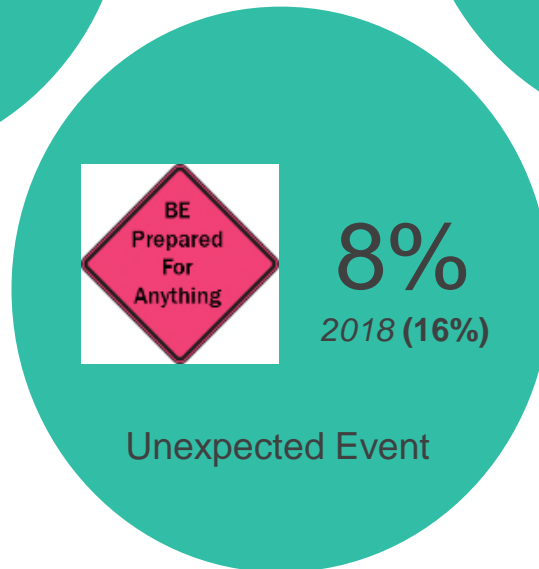
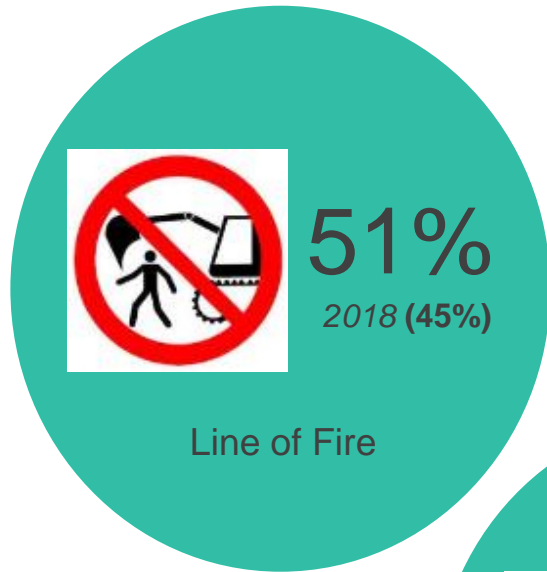
<https://vimeo.com/312120516>



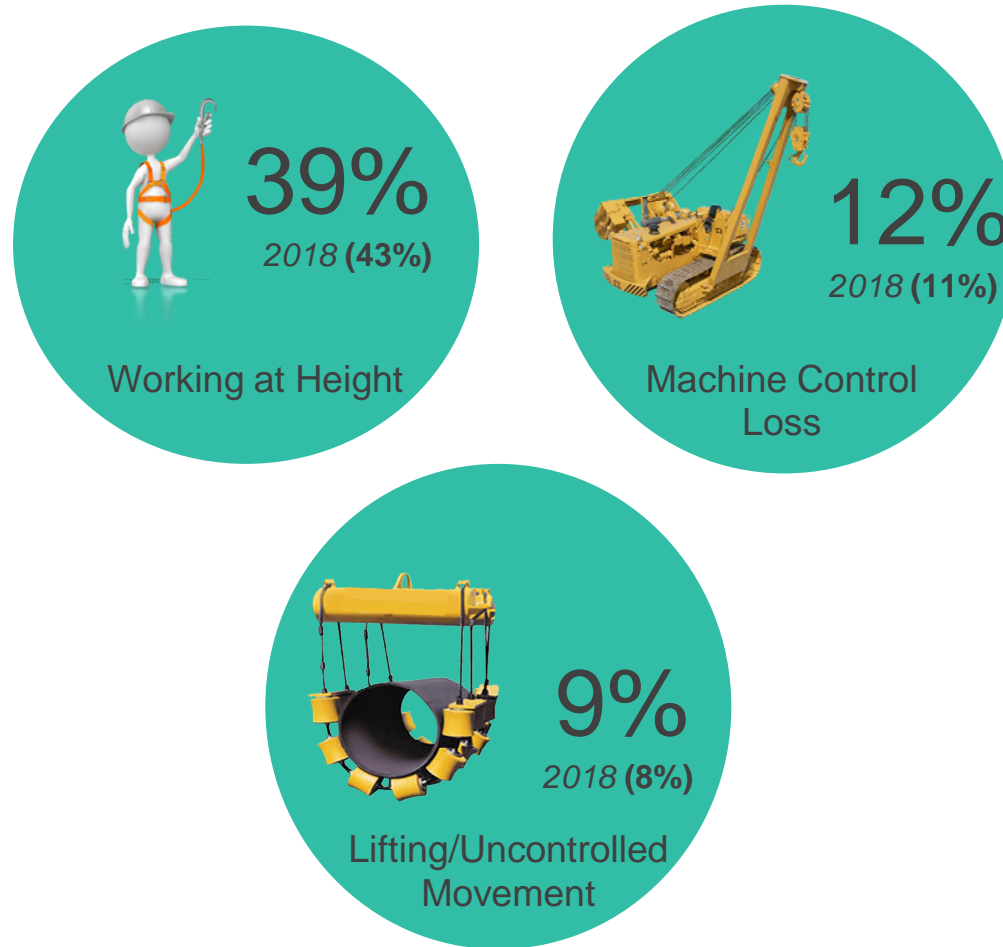
YTD* Year to date Since Inception
S.I*
LTIF Lost Time Injury Frequency
TRIF Total Recordable Injury Frequency



Recordable Injuries – Top 3 Themes



Serious Near Miss/ Hi-Po – Top 3 Themes



What measures are we taking ahead of starting operations?

Moving from construction to operation –a step change in the hazards associated

Developing a robust HSE Culture

What needs to be in place to create a robust HSE Culture*?

- ✓ • **Management System:** Safety Systems; Risk, Competence and training; Procedures & Rules (note all core elements of certified Management System)
- ✓
- ? • Targeted **goals** and **monitoring** of HSE performance
- **Managerial activities & behaviour** – research of common significant safety issues causing process safety / personal injury incidents 80% due to managerial activities or behaviour (or lack of)



Safety First Communication Campaign

Purpose

Increase the safety awareness across the TAP organisation with a particular focus on managing Safety Hazards associated with the operation of a high-pressure gas system.

How

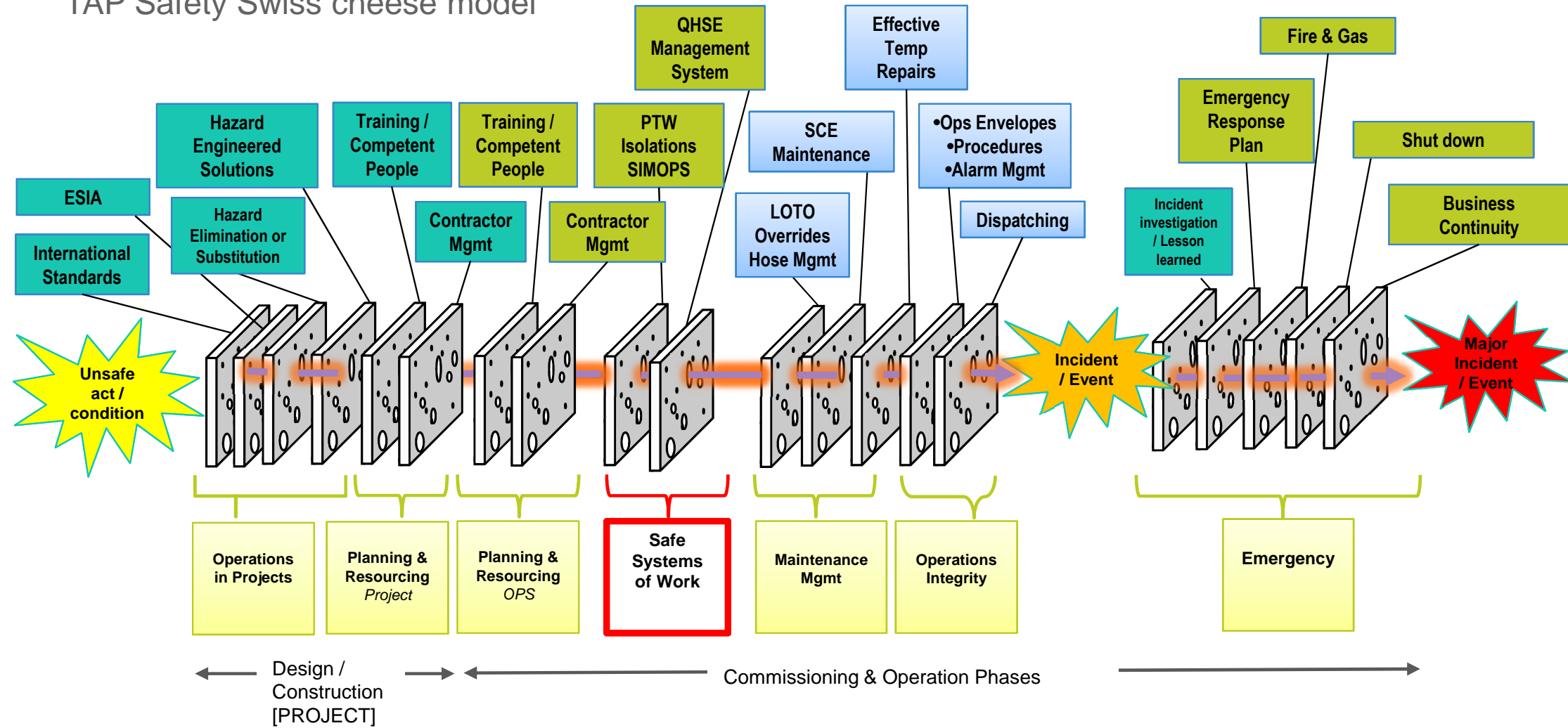
By showcasing the technical safety studies undertaken to date and how these activities will continue and the measures established to manage the identified risks to people, community, the environment and TAP's commercial obligations and company reputation.

Audience

TAP staff and consultants



TAP Safety Swiss cheese model



Personal HSE Action Plan

- The action plan are specific to each individual
- These are examples of what can be used to measure personal performance against
- It is a self assessment although evidence should be prepared (where possible)
- It should be placed on the desk
- Marked 'X' on completion
- e.g. selecting four, as per the BBS action, 'X' completion per quarter
- Personalise with own name and signature

Personal HSE Action Plan 2019

I am personally committed to achieving continuous improvement in TAP's HSE performance. I will demonstrate this commitment by taking the following actions in addition to my current job responsibilities:

Internal

- Perform 4 HSE visits on site.....
- Personally attend to 4 brown bag lunches.....
- Present 5 HSE moments.....
- Attend to 1 voluntary HSE trainings (BCP)
- HSE intervention with contractor/colleague done and reported using TAP HSE app.....
- Participate in the H&S day and Env. day

Personal (example)

- Drive defensively and not allow myself to be distracted when in the car by use of a mobile telephone.....
- At home, as at work, I will behave safely and target zero incidents, and will ensure that anyone carrying out work on my house does the same.....

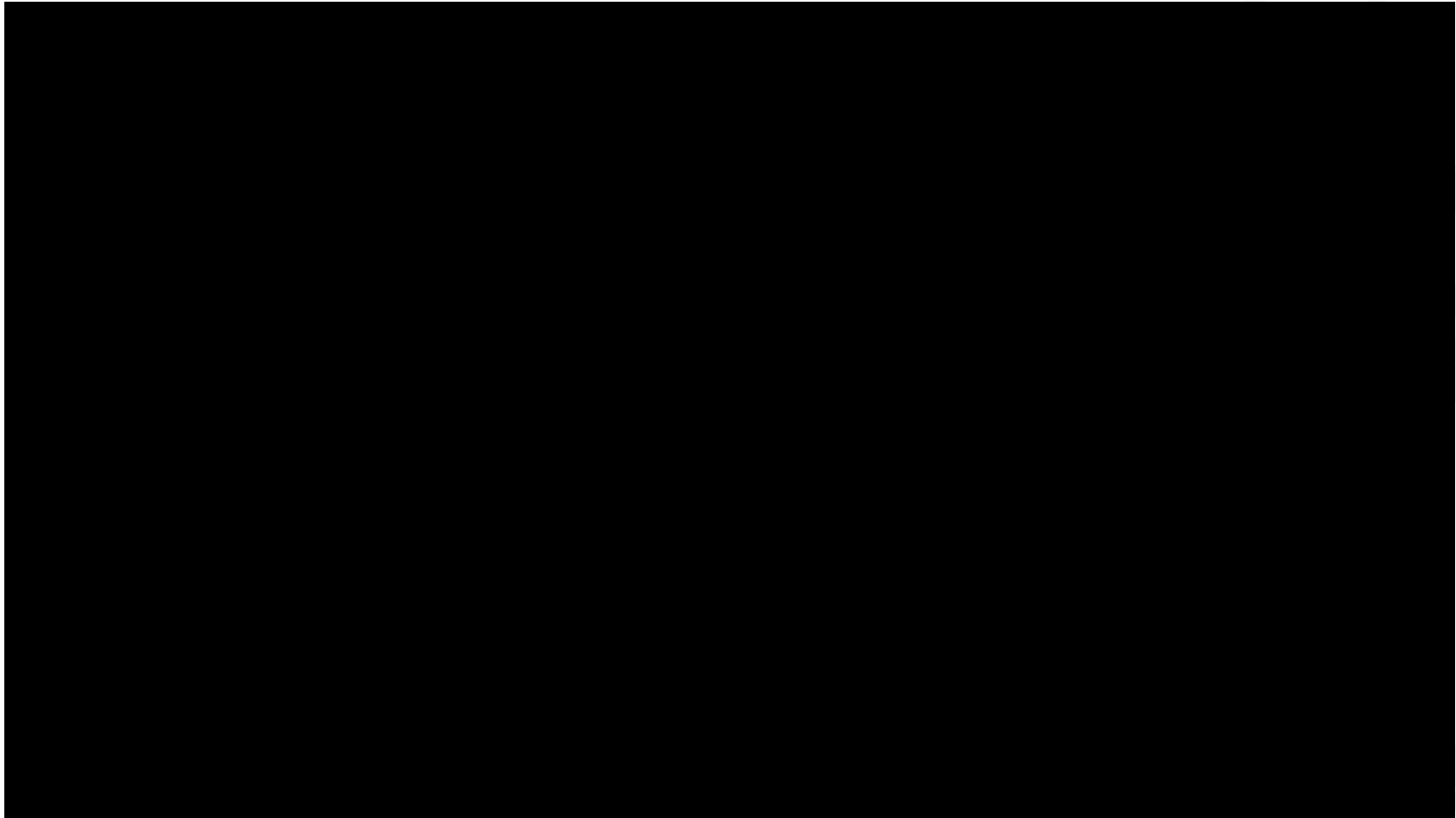
Name: _____	Date: ____ / ____ / 20__
Signature: _____	FINAL SCORE: _____ Date: ____ / ____ / 20__


Note: A minimum of 10 points score for all TAP employees is needed based on the following criteria:

- HSE visit on site done - 5 points
- HSE moment presented - 2 points
- Voluntary training done - 5 points
- HSE Brown bag lunches attended - 2 points
- Participate in the H&S day and Env. Day - 2 points each
- Duty manager role performed - 10 points
- Fire warden/first aider role performed - 10 points
- HSE Ambassador role performed - 10 points
- HSE intervention with contractor/colleague done and reported using TAP HSE app - 5 points



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A photograph of a sunset over the ocean. The sun is low on the horizon, creating a bright orange and yellow glow in the sky and reflecting on the water. In the foreground, the silhouettes of several large industrial vessels, including what appears to be an excavator on a barge, are visible against the bright sky. The water is calm with gentle ripples.

Thank you!
Questions?