

**Transport Events**  
**Dellner Bubenzer – Optimising Safety in Ports**  
**RSGT Elevating the Safety Culture**

By

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# And the main engine of Jeddah Islamic Port, the key pillar of Saudi Arabia's drive for global trade integration ..

**6.5mil TEU**

2019 Capacity

**4.5mil TEU**

2019 Throughput

**2<sup>nd</sup> Largest**

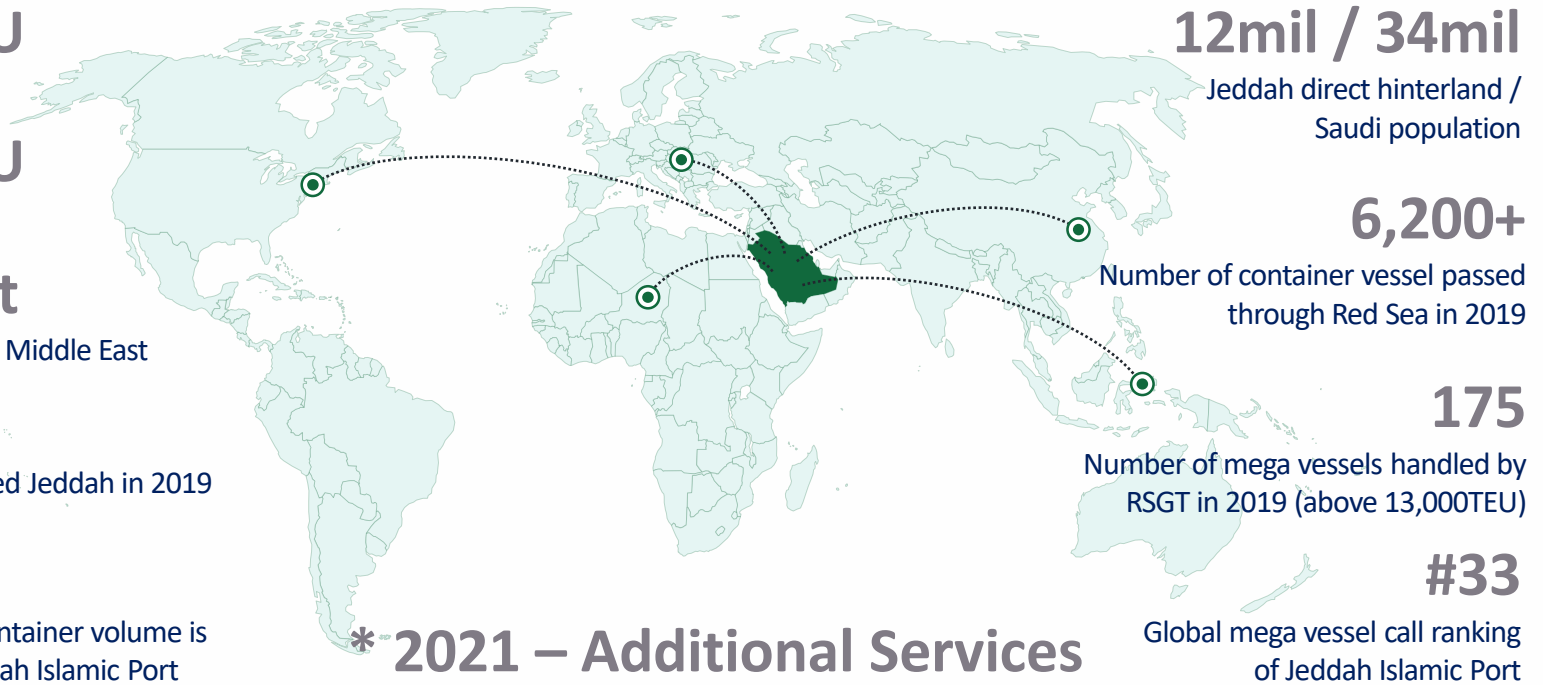
Container port in the Middle East

**2,300+**

Container vessel called Jeddah in 2019

**52%**

of all Saudi Arabia container volume is passing through Jeddah Islamic Port



- Saudi Cruise Vessels
- Ro-Ro Ferry (Un-) Loading

# As evidenced by their consistent investments in RSGT ahead of demand in the last decade ..

RSGT long term capacity and volumes (TEUmm)



2009 : Terminal 1 operation



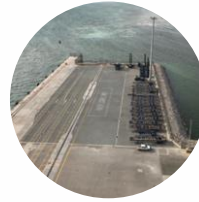
2011 : 1<sup>st</sup> mega vessel handling



2015 : Terminal 2 development



2015 : 2<sup>nd</sup> batch RTG delivery



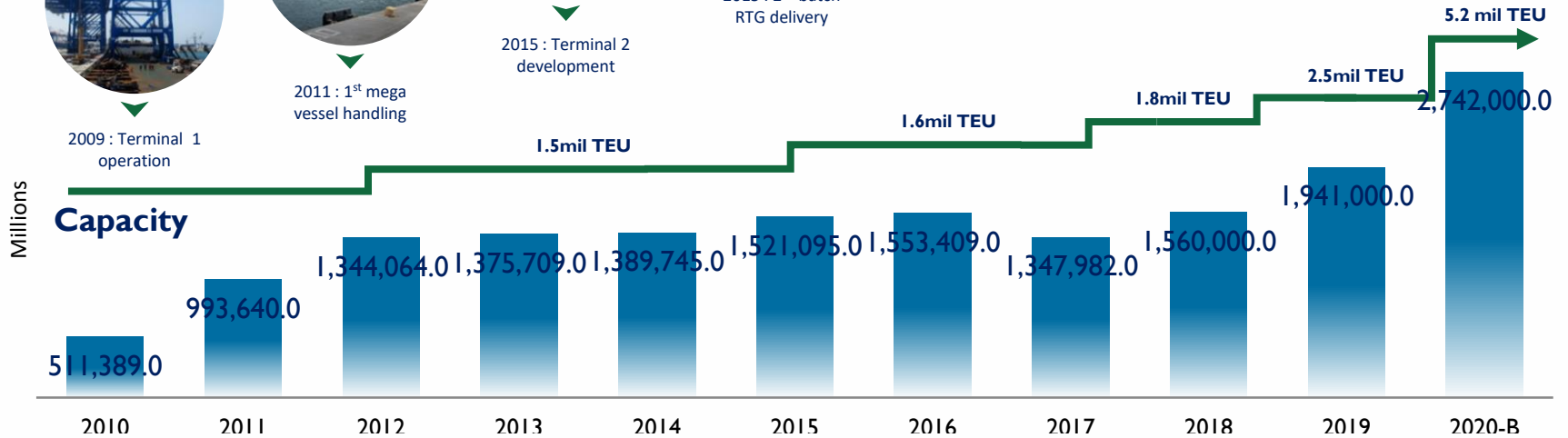
2017 : RSGT expansion project



2017 : New 4 x mega cranes delivery



2019 : Equipment Ordered;  
 • 2 Automated Quay Cranes  
 • 10 Yard Cranes  
 • 50 Terminal Tractors



## RSGT Core values



Responsible  
Care

### RESPONSIBLE CARE

- Personal ownership
- Listening
- Recognition
- Transparent
- **WE SEE IT, WE OWN IT**



Dynamic

### DYNAMIC

- Determined
- Sustainable
- Adaptable
- Creative
- **WE PROACTIVELY ELIMINATE POTENTIAL SAFETY HAZARDS**



Customer  
Centeric

### CUSTOMER CENTRIC

- Quality
- Focus on win / win
- Repeatability
- Service minded
- **WE TAKE A SAFE RESPONSIBILITY OF OUR COMMUNITY**

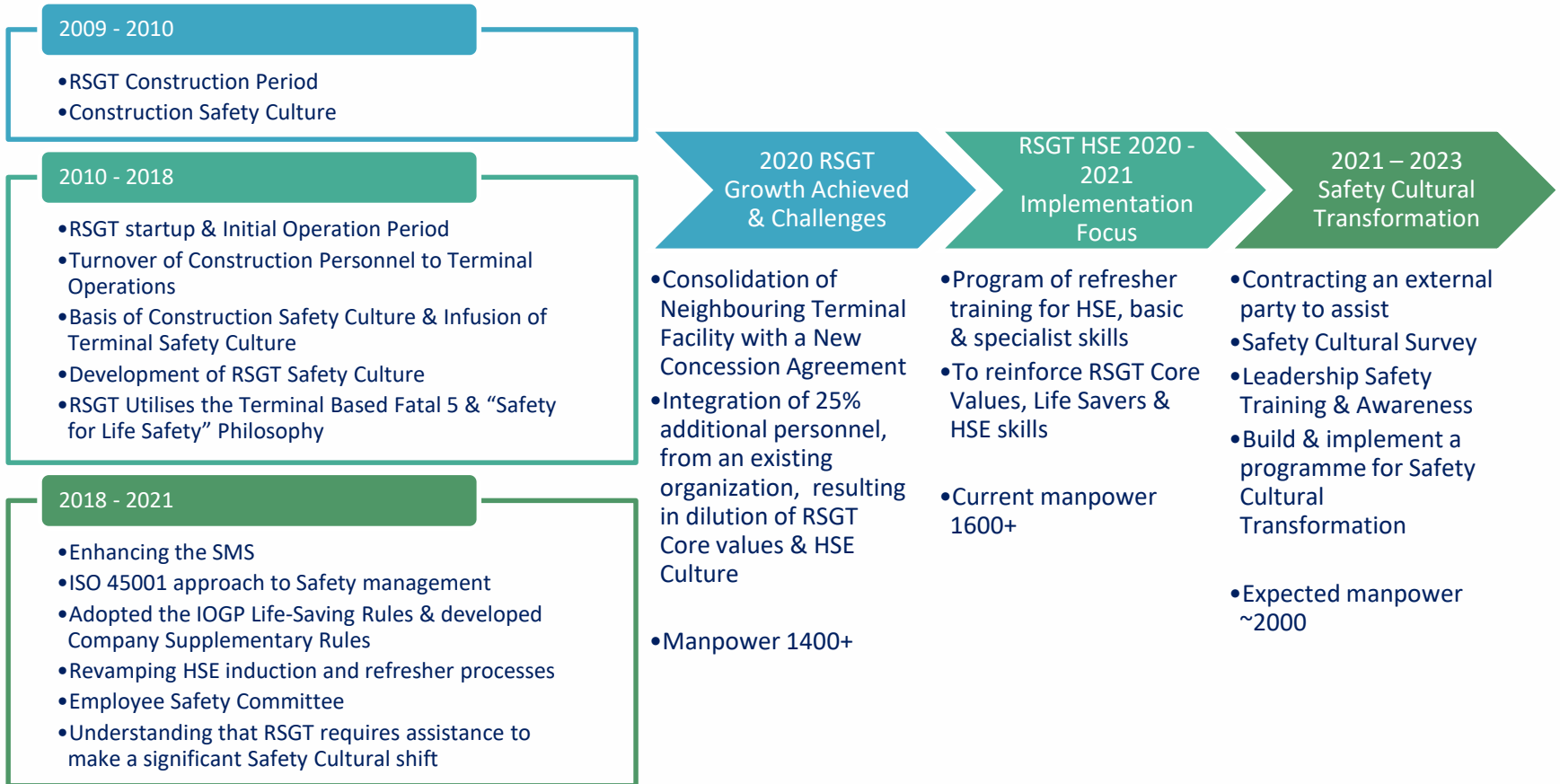


Integrity

### INTEGRITY

- Teamwork
- Trustworthy
- Good corporate citizen
- Upright
- **WE ARE SAFE**

# RSGT HSE Development – Where we came from & where we are going in 2021 – 2023



# RSGT Life Saving Rules [IOGP]



Driving [F1]



Safe Mechanical Lifting [F2]



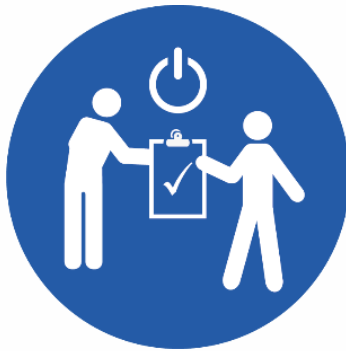
Working at Height [F3]



Energy Isolation [F4]



Work Authorisation [F5]



Bypassing Safety Controls



Line of Fire

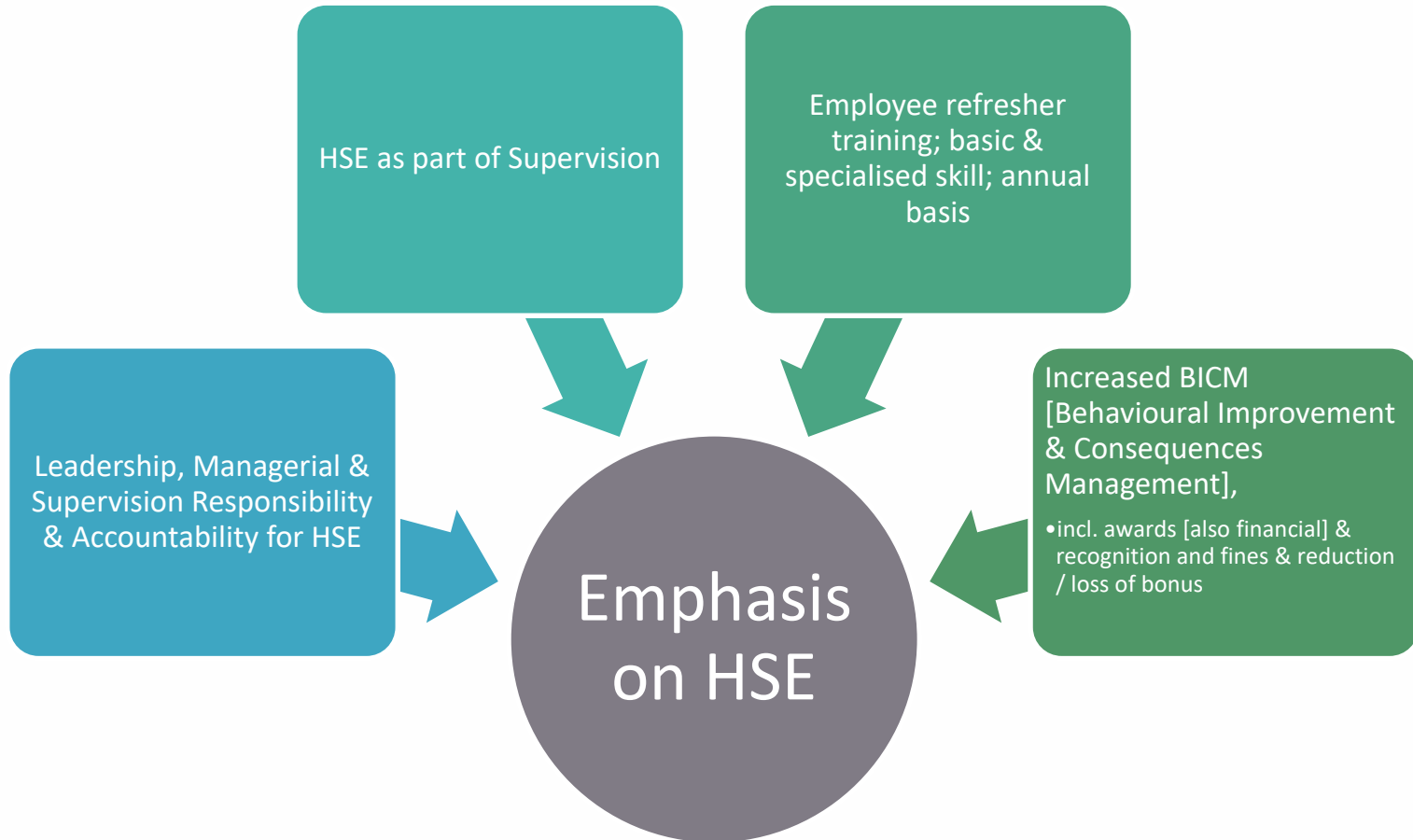


Hot Work



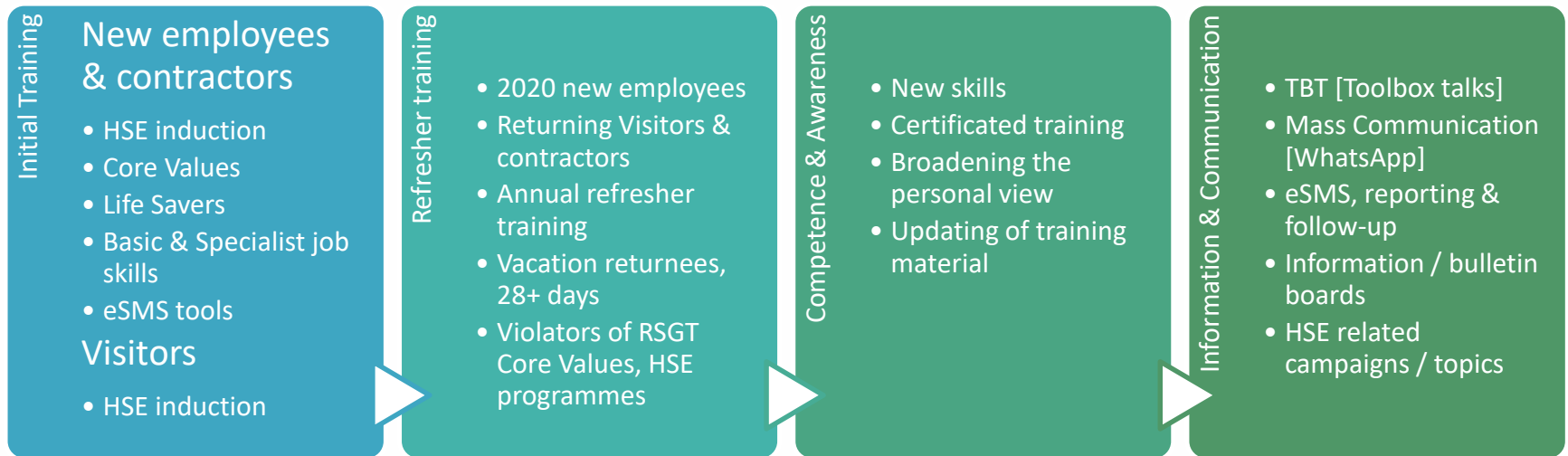
Confined Space

# RSGT Post – Expansion 2021 HSE Implementation Focus



# RSGT Post – Expansion

## 2021 HSE Implementation Execution





# RSGT Post – Expansion 2021 HSE Implementation Expectation

## Divisions & Departments

Greater Emphasis  
on Safety  
Responsibilities &  
Accountability

Greater Personal  
& Collegial Safety

## Employees & Contractors

RSGT Core Values

Life Savers

Approach to HSE

Job competence

Influence on RSGT  
Success

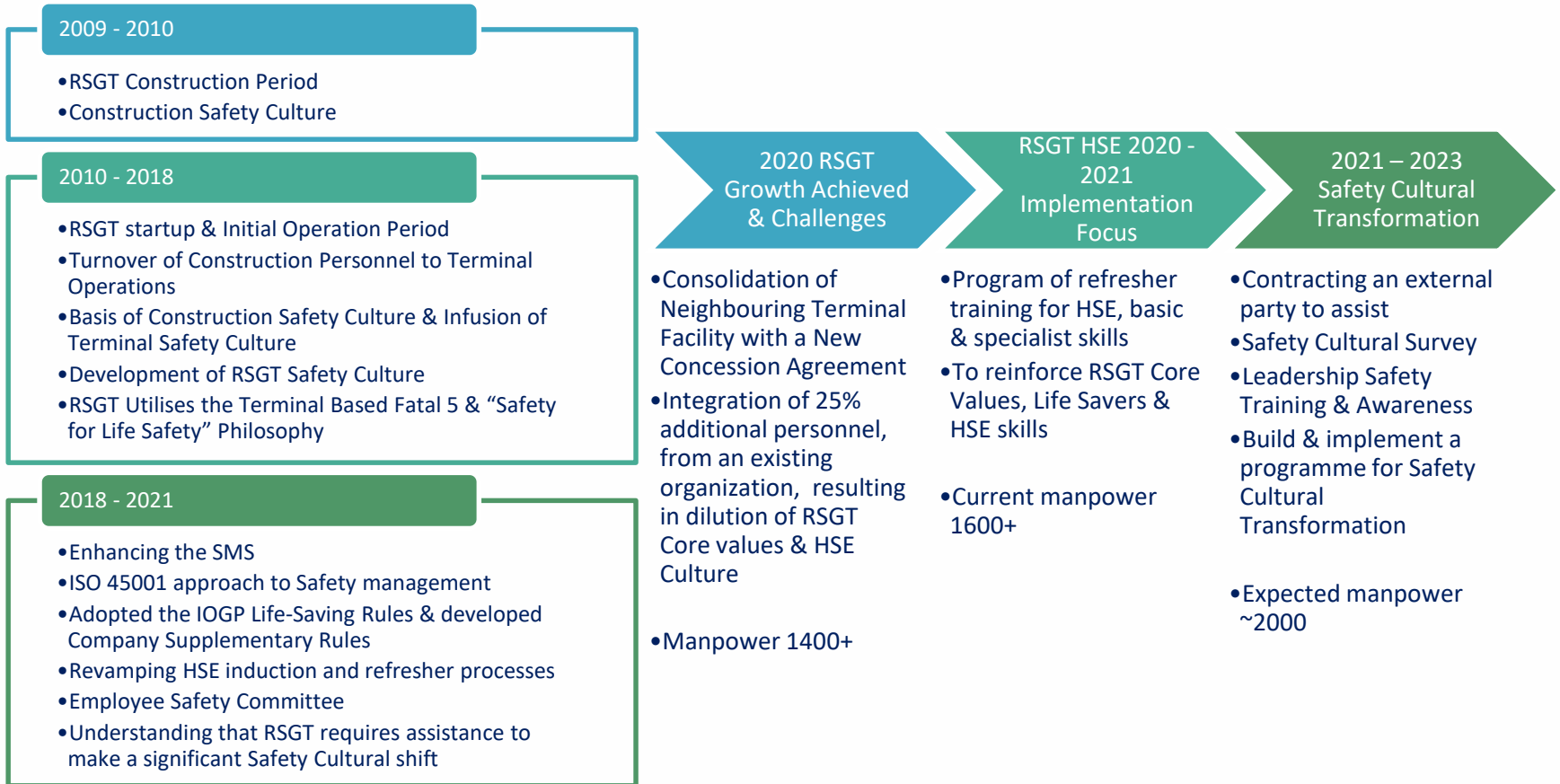
## Visitor, insight into RSGT

Core Values

Life Savers

HSE approach

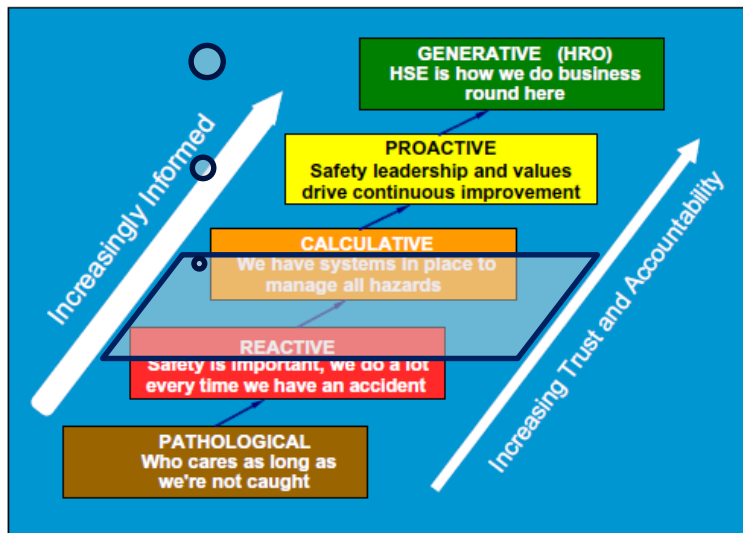
# RSGT HSE Development – Where we came from & where we are going in 2021 – 2023



# RSGT Elevating the Safety Culture

## Hudson's HSE Cultural ladder

Where do we believe we reside today?

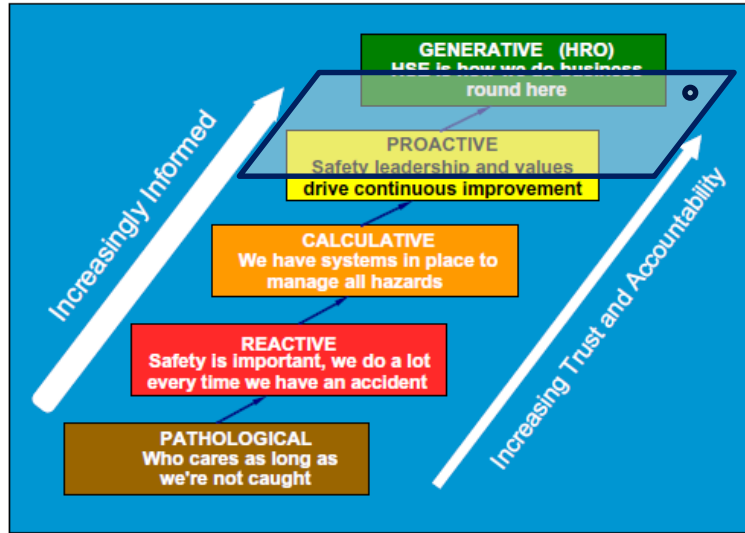


- **Generative**
  - There is active participation at all levels. Safety is perceived to be an inherent part of the business. Organisations are characterised by chronic unease as a counter to complacency.
- **Proactive**
  - With improved performance, the unexpected is a challenge. Workforce involvement starts to move the initiative away from a purely top down approach.
- **Calculative**
  - Safety is driven by management systems, with much collection of data. Safety is still primarily driven by the management and imposed rather than looked for by the workforce.
- **Reactive**
  - Organisations start to take safety seriously, but action is taken only after incidents.
- **Pathological**
  - Safety is a problem caused by the workers. The drivers are the business and a desire not to get caught by the regulator.



# RSGT Elevating the Safety Culture

## Safety Cultural Transformation & Improvement



**What is Safety Culture**

- "The product of individual and group values, attitudes, perceptions, competencies, and patterns of behaviour that determine commitment to, and style and proficiency of, an organisation's health and safety management"

**Can Safety Culture be measured?**

- Yes, this is typically measured through the performance of a Safety Climate survey with a questionnaire that explores and individual's attitudes and perceptions regarding safety.

○

**2021 - 2022**

- Safety Cultural Transformation & Improvement scoping and contracting
- Online Safety Cultural Survey
- Onsite Safety Cultural Inspection
- Leadership Safety Training & Awareness

**2022-2023**

- Leadership Safety Training & Awareness Completion
- Analysis of the previous & above
- Development of future programme
- Formulation of Success Criteria
- Designation & Training of Champions
- Designation of Trainers & Training-The-Trainer
- Implementing
- Monitoring & follow up

# Why Safety Cultural Transformation – RSGT Consolidation and Expansion Steppingstone Strategy

I

## Planning

Development of new, integrated masterplan, incorporating latest automation technology



## Horizontal Automation

Autonomous terminal trucks for horizontal transport



## Digitalization and automation

Autonomous RTG yard cranes and Gates plus OCT technology



## Remote Controls

Remote crane control and Remote control room



# RSGT & CoViD-19

الفرق واضح  
فرق واضح ہے

The difference is clear  
வித்தியாசம் தனெிவாக உள்ளது



Wash your hands

Wear your mask

&

Keep your distance

ZERO Current CoViD-19 Cases

Vaccinated

1<sup>st</sup> – 100%

2<sup>nd</sup> – 90+%

# RSGT HSE Development – Where we came from & where we are going in 2021 – 2023

