

Maritime School of Excellence Service Offerings



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Venue : CSIR Pretoria

Presenter : Thabile Maphumulo



engineering

pipelines

freight rail

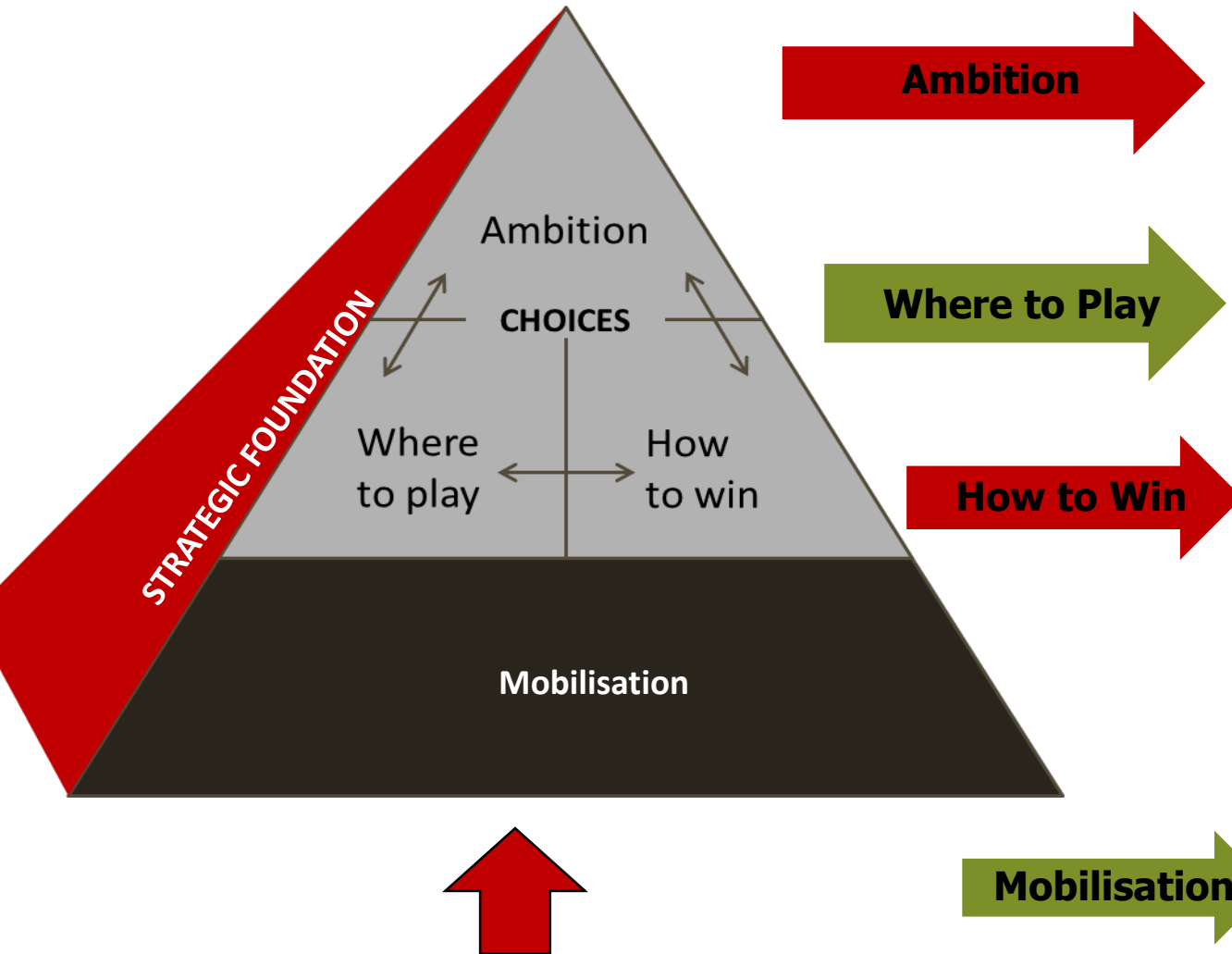
port terminals

national ports authority

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Why We Exist



To be the **NUMBER ONE** leader in **Maritime Learning and development in Africa by 2022**

- Main Campus is located at the **Old Durban International Airport in Reunion, Durban.**
- We have **FOUR** satellite campuses at **Durban Bayhead, Richards Bay, Port Elizabeth/Ngqura and Cape Town**

Towards digital learning Solutions

- E-Learning Solutions
- Simulation Training
- Collaboration with international institutions such as Belgian Technical Cooperation and Saudi Telecom Company (STC) Group in Rotterdam
- Learning Management Systems, such as SAP LSO

Stakeholder Engagements

- SAMSA
- TETA
- MSoE Advisory Board
- MSoE Leadership Team Meetings
- Trainer Capacity Development
- Local Business Committee (LBC)
- Benchmarking with International Stakeholders, such as Netherlands

World Class Maritime School established in 2013

MSoE Offerings Video

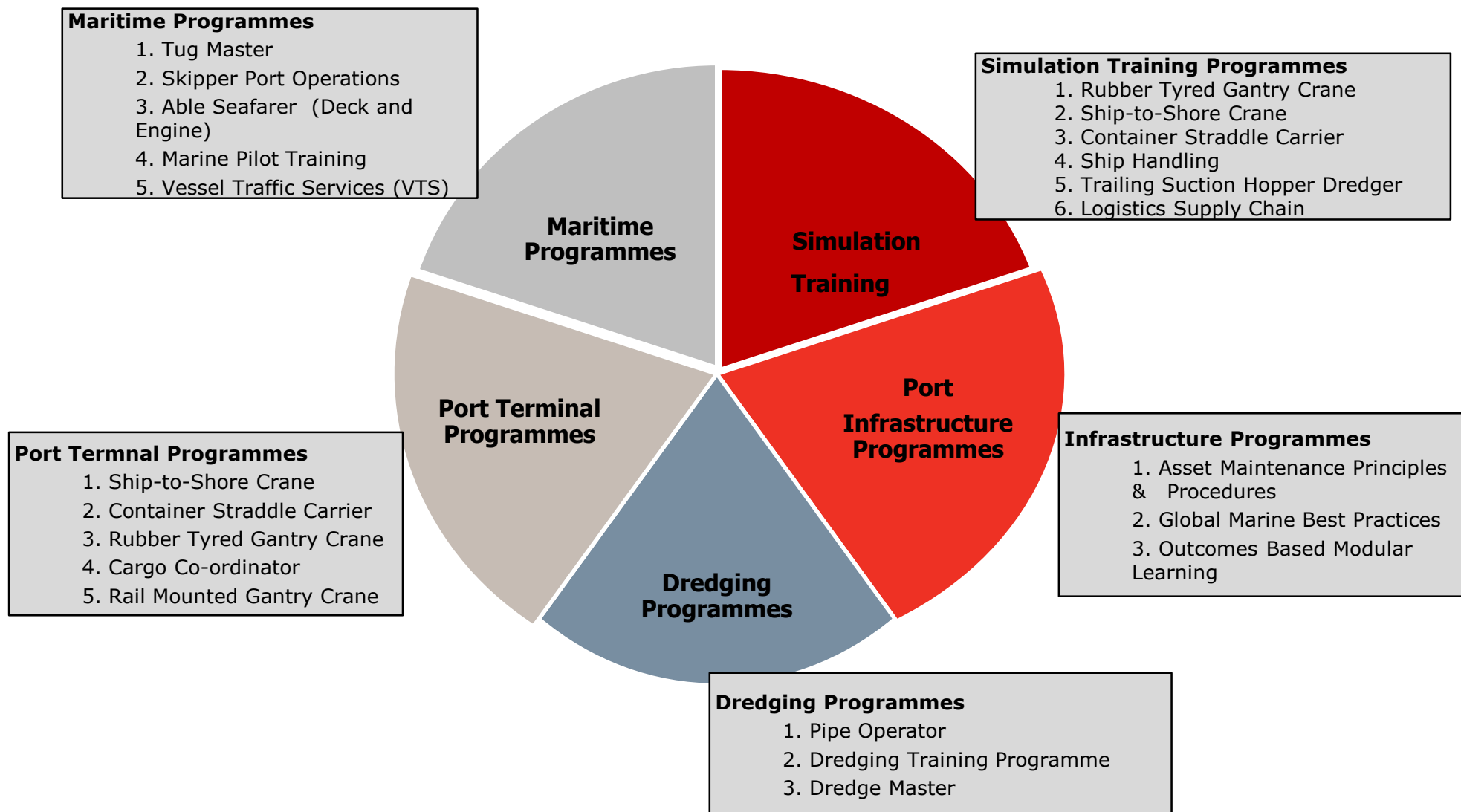


MSoE Strategic Focus - Priorities 2018-2022

Marketing and Communication	Curriculum Design and Development	Learning Delivery	Governance and Quality	Human Resources
<ul style="list-style-type: none"> • Position MSoE as a preferred Service Provider • Local and International Collaboration and Partnerships • Leverage on existing MOU's • Provide Transnet International Holdings with MSoE brochure • Produce Marketing Material for MSoE 	<ul style="list-style-type: none"> • Development of Partnership Programmes with TE and TFR • Establishment of digitalized Learning Platforms • Increase of MSoE curriculum offerings, as per customer requests and demands 	<ul style="list-style-type: none"> • Multiskilling of all trainers (ongoing) • Simulator Technology, software and hardware management • Optimize learner data management • Provide e-Learning Solutions for MSoE 	<ul style="list-style-type: none"> • Establish Maritime and Port Operations Advisory Board • Extend Accreditation Scope for TETA and SAMSA • Maintain SAMSA Accreditation 	<ul style="list-style-type: none"> • Develop short management skills programmes, such problem solving and conflict management



MSoE 's Strategic Pillars





Marine Training- Entry Requirements

Course	Entry Requirements	Duration	Certification
Shore Hand TNPA Only	<ul style="list-style-type: none"> Grade 12 First Aid Certificate Fire Fighting Certificate Valid Medical Certificate Eye Test 	<ul style="list-style-type: none"> 5 days Theory training. 3 to 4 Weeks Practical training. 	Certificate of Competence
Ordinary Seafarer Deck	<ul style="list-style-type: none"> Must be 16 years or older. 10 hours steering time. (minimum simulator hours) 	<ul style="list-style-type: none"> 2 Months sea-time accelerated practical training onboard the craft. 4 Months calendar time for shift employees. 	Certificate of Completion
Ordinary Seafarer Engine	<ul style="list-style-type: none"> Must be 16 years or older. 		
Able Seafarer Deck (Port Operations)	<ul style="list-style-type: none"> Must be 18 years or older. Be qualified as Ordinary Seafarer Deck. 	<ul style="list-style-type: none"> 2 Weeks theoretical course 6 Months sea time accelerated training onboard the craft 12 Months calendar time for shift employees 	Certificate of Completion



Marine Training- Entry Requirements, cont

Course	Entry Requirements	Duration	Certification
Able Seafarer Engine (Port Operations)	<ul style="list-style-type: none"> Must be qualified as an Ordinary Seafarer Engine with a completed task book. Must be 18 years or older Have completed SAMSA Ancillary courses. 	<ul style="list-style-type: none"> 2 Weeks theory 12 Months sea time accelerated training onboard the craft. (calendar time) 	Certificate of Completion
General Purpose Rating (GPR)	<ul style="list-style-type: none"> Must have Grade 12 Pre-sea familiarization carried out in respective ports on the crafts as required 	<ul style="list-style-type: none"> 6 Months further on deck (A/S) 12 months calendar time for shift employees 6 Months further in Engine room (A/S) 6 Months either or Deck or Engine room (compulsory) 	SAMSA Issued certificate of Competence
Berthing Master (available to TNPA Employees only)	<ul style="list-style-type: none"> Able Seafarer or GPR qualification. Driver's License. Radio Ticket (VHF SRC). Passed Medical. 	<ul style="list-style-type: none"> 5 Days Theory. 1-3 Months understudy period (Practical) 	Certificate of Competence



Marine Training- Entry Requirements, cont

Course	Entry Requirements	Duration	Certification
Coxswain	<ul style="list-style-type: none"> ▪ Able Seafarer or GPR qualification. ▪ At least 1 year of sea time as qualified Able Seafarer or GPR. ▪ Radio Ticket (VHF SRC) 	<ul style="list-style-type: none"> ▪ 10 Days theory (classroom). ▪ 1 year sea time (Practical understudy onboard the craft). ▪ SAMSA Level 3 assessment. 	Certificate of Completion
Tug Master (available to TNPA Employees Only)	<ul style="list-style-type: none"> ▪ Deck Officer's Certificate of Competence or ▪ Naval Watch keeping Certificate or ▪ Skipper(COC) / Master Port operations 	<ul style="list-style-type: none"> ▪ Two years, which includes the theory and practical training 	Certificate of Competence
Marine Pilot (available to TNPA Employees Only)	<ul style="list-style-type: none"> ▪ Deck Officers Certificate of Competency or ▪ Equivalent Naval Watch keeping Certificate. ▪ Minimum of two years' experience as a qualified Tug Master 	<ul style="list-style-type: none"> ▪ 52 Weeks ▪ Phase 1:Theory & Simulator ▪ Phase 2:Theory & Simulator ▪ Phase 3:Understudy practical onboard the vessels (approx.5 months) 	Certificate of Competence (Harbour Master issues pilot License)



Marine Training- Entry Requirements, cont

Course	Entry Requirements	Duration	Certification
Chief Engineer (Port Operations)	<ul style="list-style-type: none"> Must be 18 years and older. Engineer Officer / Chief Engineer <1500Kw (Port Operations). Must have completed SAMSA Ancillary courses. Workshop Training English and Marine subjects required. 	<ul style="list-style-type: none"> 24 Months sea time (calendar time) 8 Months Workshop time Eng. & Marine subjects 1 year Level 3 assessment 	Oral preparation only done
Chief Engineer <1500Kw (Port Operations)	<ul style="list-style-type: none"> Same as above 	<ul style="list-style-type: none"> 36 Months sea time (calendar time) 8 Months Workshop time Eng. & Marine subjects 2 year Level 3 assessment 	Oral Preparation
Master (<1600GT Port Operations)	<ul style="list-style-type: none"> Skipper Port Operations or STCW Deck Officer Certificate or Navel Bridge Watch Keeping Certificate 	<ul style="list-style-type: none"> 3 Weeks Full Time 	Certificate of Completion



Marine Training- Entry Requirements, cont

Course	Entry Requirements	Duration	Certification
Skipper Port Operations (Restricted to Vessels under 200GT)	<p>Alternate A: Candidates making entry at this level</p> <ul style="list-style-type: none"> ▪ Must be 18 years or older ▪ Must have at least 12 months sea service in the deck department on any of the following ships of 25 GT or more. 	<ul style="list-style-type: none"> ▪ 5 Weeks full time 	Certificate of Completion
	<p>Alternate B : Candidates with Costal Skippers >9m or skippers offshore >9m</p> <ul style="list-style-type: none"> ▪ Must be 18 years or older ▪ Have at least 9 months sea service in the deck department on any of the following ships of 25 GT or more. ▪ External candidates: 		



Marine Training- Entry Requirements, cont

Course	Entry Requirements	Duration	Certification
Vessel Traffic Services (available to TNPA Employees Only)	<ul style="list-style-type: none"> ▪ Skipper/Master Port Operations (theory) and/or ▪ Minimum 12 months VTS training as a understudy period 	<ul style="list-style-type: none"> ▪ 2 Weeks (1 weeks theory & 1 week simulator training) 	2 Weeks (1 weeks theory & 1 week simulator training)
Dredge Training Pipe Operations (available to TNPA Employees Only)	<ul style="list-style-type: none"> ▪ Able Seafarer, Deck/ Engine 	<ul style="list-style-type: none"> ▪ 6 weeks 	Certificate of Attendance
Marine Resource Management	<ul style="list-style-type: none"> ▪ Must have Grade 12 	<ul style="list-style-type: none"> ▪ 4 Days 	Certificate of Attendance
SAMSA Level II Assessor	<ul style="list-style-type: none"> ▪ Minimum Petty Officer Qualification 	<ul style="list-style-type: none"> ▪ 2 days 	Certificate of Completion
Steering and Lookout STCW	<ul style="list-style-type: none"> ▪ Must have Grade 12. ▪ Must have completed SAMSA Ancillary Courses 	<ul style="list-style-type: none"> ▪ 5 Days Theory and Practical training. ▪ (Including minimum 10 hours simulator training). 	Certificate of Completion



Marine Training- Entry Requirements, cont

Course	Entry Requirements	Duration	Certification
Short Range Certificate (VHF)	<ul style="list-style-type: none"> Must have Grade 12 	<ul style="list-style-type: none"> Full course, 4 days Classroom Theory /Practical. Conversion 2 days classroom theory/practical 	Certificate of Competence
Steering and Lookout STCW	<ul style="list-style-type: none"> Must have Grade 12 Must have completed SAMSA Ancillary Courses 	<ul style="list-style-type: none"> 5 Days Theory and Practical training. (Including minimum 10 hours simulator training). 	Certificate of Completion



Port Terminal Training – Duration

Course	Entry Requirements	Duration	Certification
Container Reach High Stacker	<ul style="list-style-type: none"> ▪ Must be 18 yrs & older ▪ Grade 7 ▪ ID copy, certified ▪ Driver license, certified copy ▪ Valid Medical certificate fit for duty (no exclusions) and eye test results 	Range from 01-09 weeks	Certificate of Competence
Container Straddle Carrier			
Rail Mounted Gantry Crane			
Ship-to-Shore Crane			
Rubber Tyred Gantry Crane			
Mobile Elevated Work Platform			
Counter balance Lift Truck			
Overhead Electric Travelling Crane			
Mobile Harbour Crane			
Cargo Coordinator: Breakbulk, Auto and Containers	<ul style="list-style-type: none"> ▪ Same as above 	45 days	Certificate of Competence



Port Terminal Training – Duration

Course	Entry Requirements	Duration	Certification
Revenue	<ul style="list-style-type: none"> ▪ Newly appointed or identified as a potential supervisor through internal processes ▪ Certified Copy of ID or equivalent. 	<ul style="list-style-type: none"> ▪ Depends on the combination of modules selected by Terminal Management/Learner 	Internal Certificate of Achievement
Supervisory Development Programme: Containers		<ul style="list-style-type: none"> ▪ 16 Days 	Internal Certificate of Achievement
Supervisory Development Programme: Break-bulk			
Supervisory Development Programme: Combined			
Customer Service Excellence	<ul style="list-style-type: none"> • Must be permanently employed by Transnet • Certified Copy of ID or equivalent. 	<ul style="list-style-type: none"> ▪ 1 Day 	Internal Certificate of Attendance



Other Training Offerings, cont.

Port & Commercial Training

Supervisory Development Programme: Accredited & Non Accredited

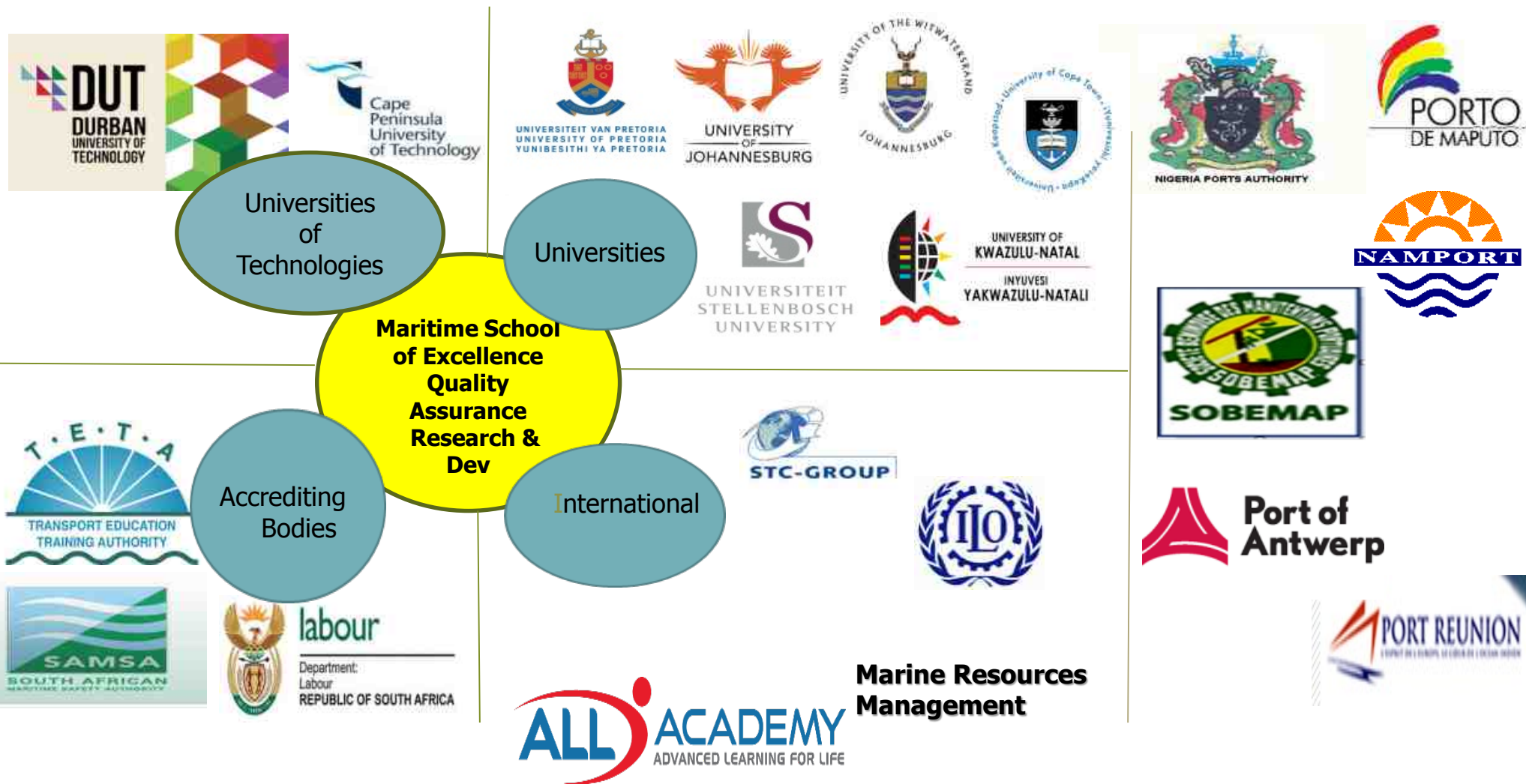
Customer Service Excellence

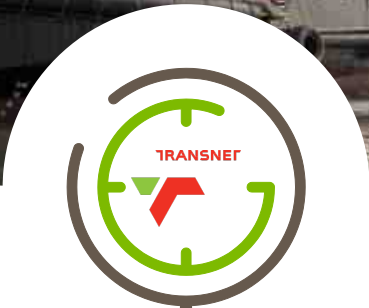
SAP LSO (Learning Solutions)

Revenue



Partnerships





Thank You