

# AMAL WAS STABLISHED IN APRIL 1984

# AGENDA JETM 2016

32 ANIVERSÁRI O

- Introduction of AMAL
- Main Activities
- Peniche Industrial Cluster



# SAFETY COEFFICIENTS

RATES	YEARS			
	2013	2014	2015	
TRIR	0,96	0,23	0,73	
Frequency Rate	0,97	1,19	0,62	
LTIR	0,19	0,23	0,12	
Severity Rate	8,70	8,90	7,40	

Workers nr	492	864	855	
Work Hours	1.034.144	1.684.631	1.621.775	

OSHA 300 TRIR = (Total nr of recordable cases \* 200.000) / Total work hours LTIR = (Total nr of DART-L \* 200.000) / Total work hours

**OHSAS 18001** 

Frequency Rate = (Lost workday cases x 1.000.000) / Total work hours Severity Rate = (Total lost workday x 1.000.000) / Total work hours

# Heerema Talisman Project 550.000 safety hours





# **AMAL ACTIVITIES**

## Major Fields of Activity

#### Tanks, silos and stacks



Equipment manufacturing & erection



Piping prefabrication & erection



Modules



## Manufacturing and Branch Network



Location	Founded	Factory Area	Personnel
I- Moita	1984	<b>40,000</b> m <sup>2</sup>	175
2 - Setúbal	2008	25,000 m <sup>2</sup>	93
3 – Sines	1999	15,000 m <sup>2</sup>	82
4- AMY	2015	95.000 m2	38











Moita, est. 1984 Paris

Bratislava





Setúbal, est. 2007



Tripoli

Limbe

Noire

Luanda

Congo- Point

# Caracas

# AMAL IN THE WORLD

Abuja

Tunis



Malabo



R. Janeiro





Luanda, est. 2004





Lima

ZERO ACCIDENTS......NO HARM TO THE ENVIRONMENT

# **CLIENTS**























































# AMAL SETUBAL FACILITIES







# AMAL SETUBAL WORKSHOP

# "This is the best piping workshop I have ever seen"



We proudly quote,

Mr. BEN CHAVEZ

(FLUOR Director,

Material Management, Improvement
Initiative).

Quality / Inspection visit conducted in September 2009 to the facilities and management systems.



# AMAL SINES FACILITIES







# ANGOLA FACILITIES





# MOZAMBIQUE COMPANY- INDUSTRIAL COMPLEX

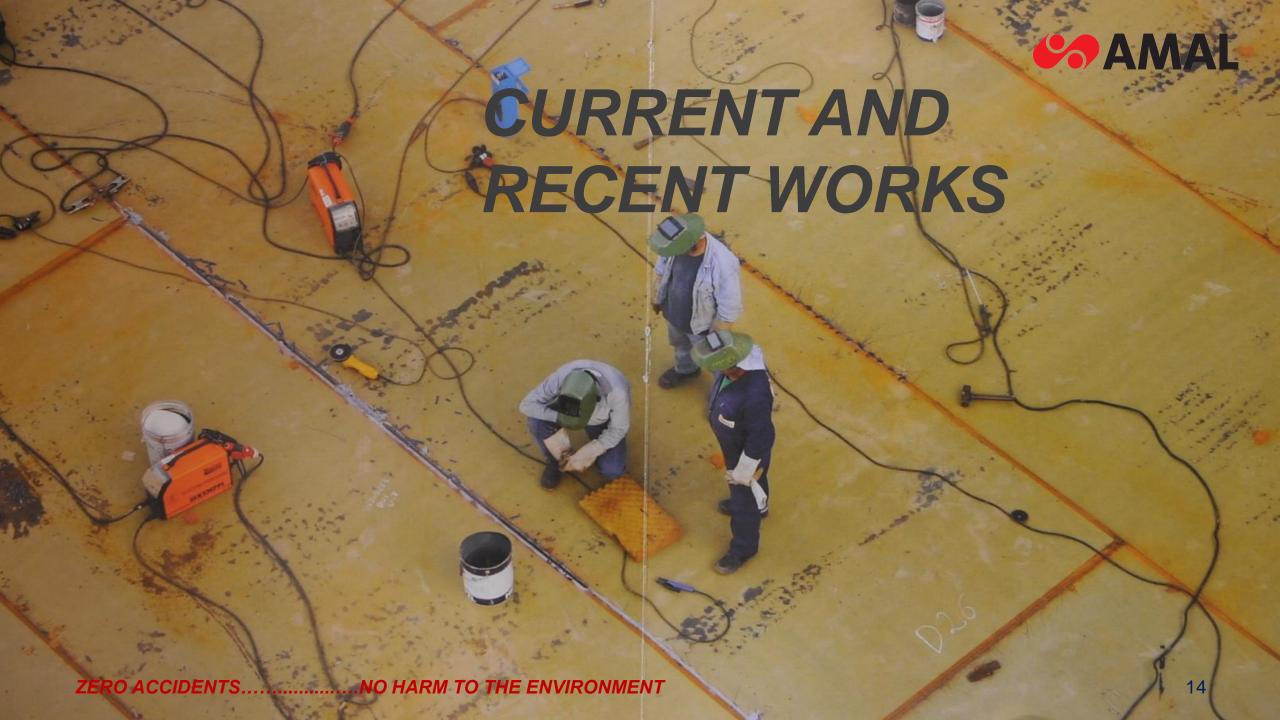




# ALGERIA COMPANY- CONSTRETAL (UNDER REVAMPING)







# CURRENT PROJECT AND CONTRACTS

CLIENT	DESCRIPTION	DURATION	DATE	VALUE (€)
Sonangol	Oceanic Terminal of Cabinda. Storage tanks, LPG tanks, Sea-line and Pipeline.	36 Months	2008-2017	87.200.000
TOTAL/TR	Optara Refinery- Modules Installation, Mechanical installation / Piping – Contract 2A-Total Refinery, Belgium.	10 Months	2014- 2015	28.700.000
S.O.NA.R.A- FOSTER WHEELER	Limbe Refinery Major Revamping – Storage tanks, Offsites; Piping Prefabrcation; interconnecting and underground piping, equipment installation, heaters erection.	27 Months	2013-2017 (On-Going)	87.252.130
Heerema / Talisman	Offshore Work. Material management, pre- fabrication, and installation on the platform.	14 months	2013-2016	33.874.251
General Electric	Modules Fabrication in Brazil	20 Months	20013-2016	<b>77.500.000</b> 15













# HARBORING THE MODULAR CONSTRUCTION CLUSTER FOR OIL & GAS

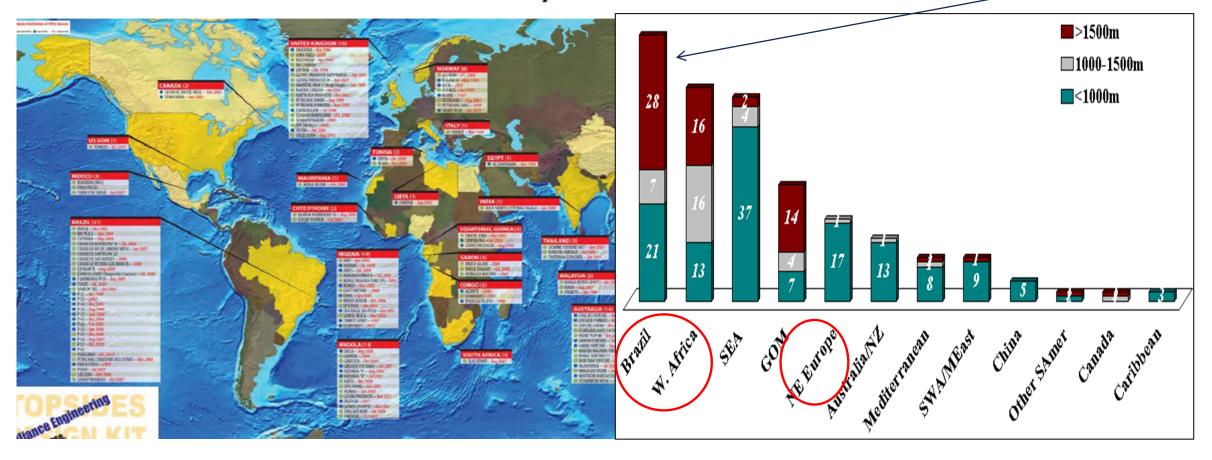




# FOCUS ON ATLANTIC OPPORTUNITIES- 70% OF NEW DISCOVERIES PORTUGUESE SPEAKING COUNTRIES

# Current FPSO Installed Base - by Location

#### **NEW PFSO / SPAR`S / TANKERS**





# PENICHE – INDUSTRIAL CLUSTER



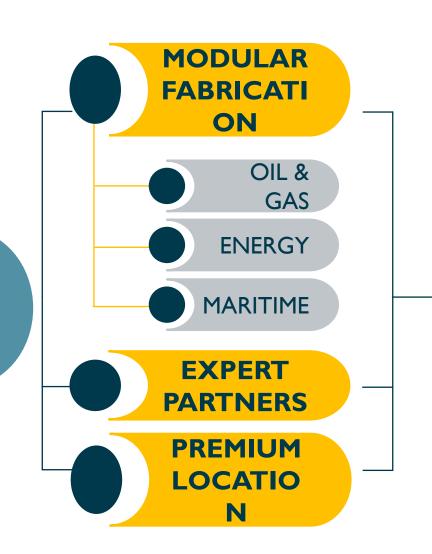




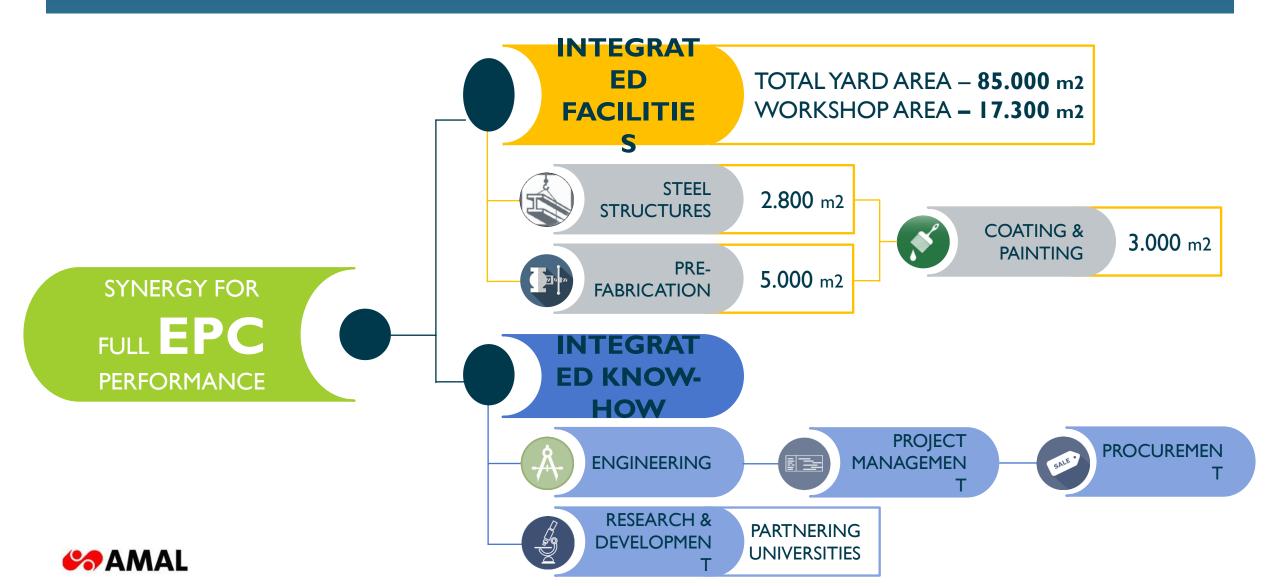
ONE COMPANY
SYNERGIC
PARTNERS
ONE LOCATION
FULL SERVICES

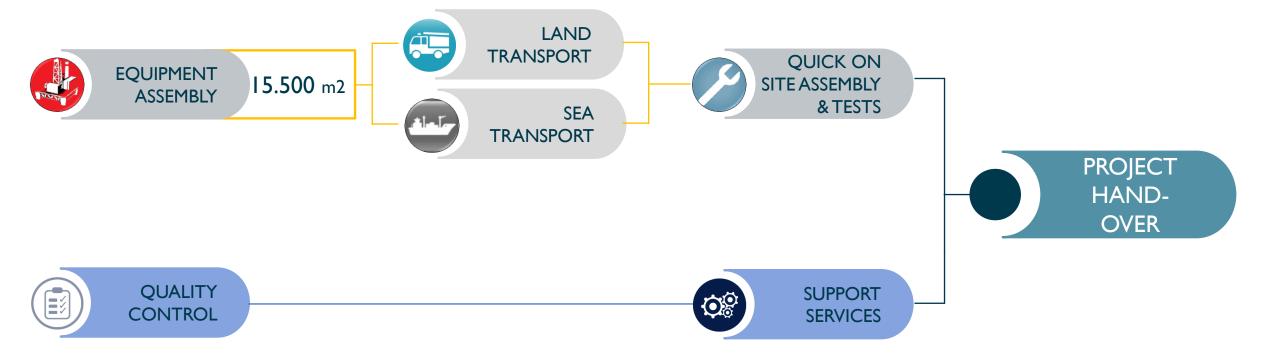


SOLUTION FAST TRACK PROJECTS





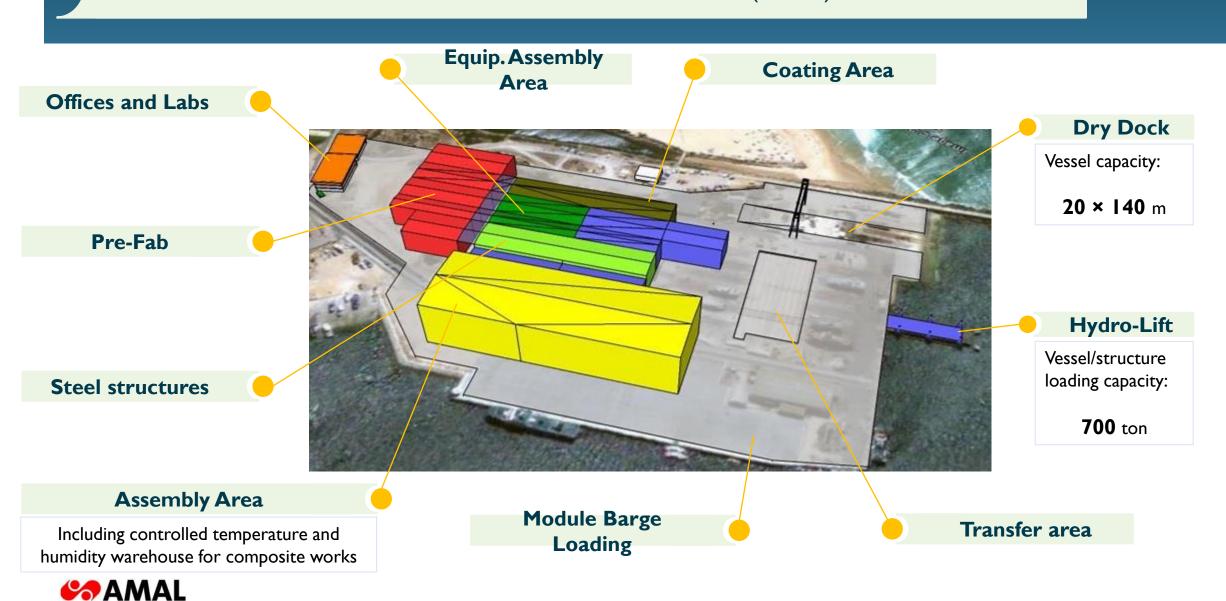


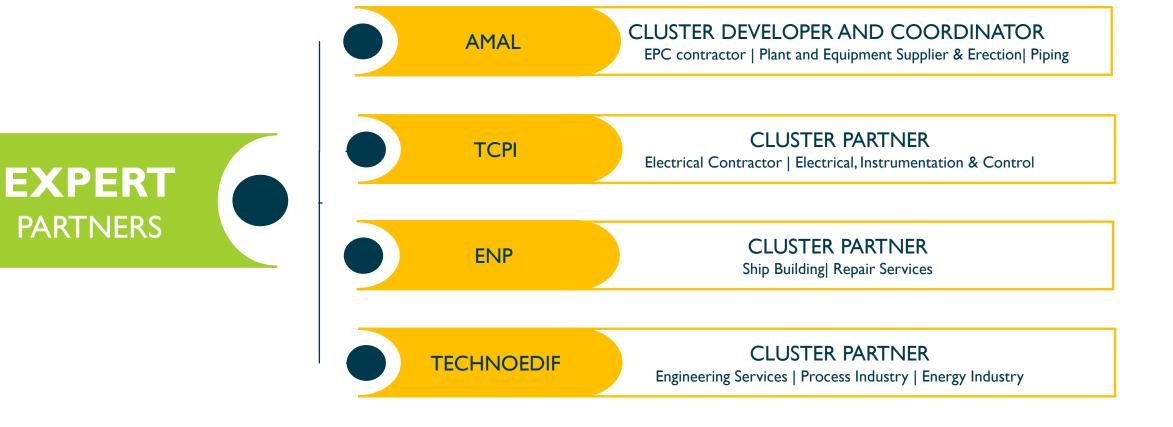


# MODULE YARD- PORTUGAL











# **AMAL Group – MAIN REFERENCES**





Project Scope: FPSOs' construction AMAL Scope: Fabrication, Supply and Installation of 3 modules for the FPSOs'

Client: General Electric Location: Itajaí, Brazil





conversion project

AMAL Scope: Erection of the

Visbreaker Unit Client : Galp Energia Location: Porto, Portugal







Underground Piping;

Equipment Installation; Heaters Erection Client : SONARA / Foster Wheeler

Location: Limbe, Cameroon





Project Scope :Construction of the Oceanic Terminal of

Cabinda

AMAL Scope: Construction of Storage Tanks,

LPG Tanks, Sea-line and Pipeline

Client : Sonangol

Location: Cabinda, Angola





### **TCPI** – COMPANY ID



#### **WORLD PRESENCE**

Europe, Africa and Central and South America

#### **WORK FORCE**

552 Direct

#### **HYSTORY**

Founded in Lisbon, 1986

#### **CERTIFICATIONS**

ISO 9001 / ISO 14001 / OSHAS 18001 / MASE / SCC\*\*2008/5.1/VCA

#### **SCOPE OF SERVICES**

ELECTRICAL, INSTRUMENTATION, CONTROL AND AUTOMATION SERVICES

#### INDUSTRIAL I&C



#### **AUTOMATION SYSTEMS**



#### **ELECTRICAL SYSTEMS**



#### **KEY INDICATORS**

2014 Income: **38.788 k**€

Productive capacity: **1.024.212** hours/year

#### **CLIENTS**







































E‰onMobil





MARTIFER









## **ENP** – COMPANY ID



#### **WORLD PRESENCE**

**Portugal** 

#### **WORK FORCE**

60 Direct

#### **HYSTORY**

Founded in Peniche, 1994

#### **CERTIFICATIONS**

ISO 9001

#### **SCOPE OF SERVICES**

#### SHIPBUILDING AND REPAIR SERVICES

#### **WORK/UTILITY**



#### MILITARY/SURVEILLANCE



#### **PASSENGERS**



#### FISHING



#### **KEY INDICATORS**

Capacity:

Hydrolift: 700 ton & 50m ships

Slipway for up to 100m ships

#### **CLIENTS**





























# **ENP – MAIN REFERENCES**





Project Scope: Oil Tanker Construction ENP Scope: Equipment supply and assembly

Client: Galp / Sacor Marítima

Location: Portugal







Project Scope: Construction of two 56m

Landing Vessels ENP Scope: Full EPC

Client : Mozambique Government

Location: Mozambique





Workboats

ENP Scope: Full EPC

Client: Sonangol Location: Angola





Project Scope :Construction of a 27m

Fishing Vessel

ENP Scope: Full EPC

Client: Socipesca Location: Angola







#### **TECHNOEDIF** – COMPANY ID



#### **WORLD PRESENCE**

Europe, Africa, Middle East, Asia and South America

#### **WORK FORCE**

200 Direct

#### **HYSTORY**

Founded in Lisbon, 1965

#### **CERTIFICATIONS**

ISO 9001 / ISO 14001 / OSHAS 18001

#### **SCOPE OF SERVICES**

ENGINEERING SERVICES FOR THE PROCESS AND ENERGY INDUSTRY







#### PULP AND PAPER



#### OTHER PROCESS IND.



#### **KEY INDICATORS**

2014 Income: 11.000 k€

2014 Production Volume: **280.000 hours** 

#### **CLIENTS**



























grupo Portucel Soporcel











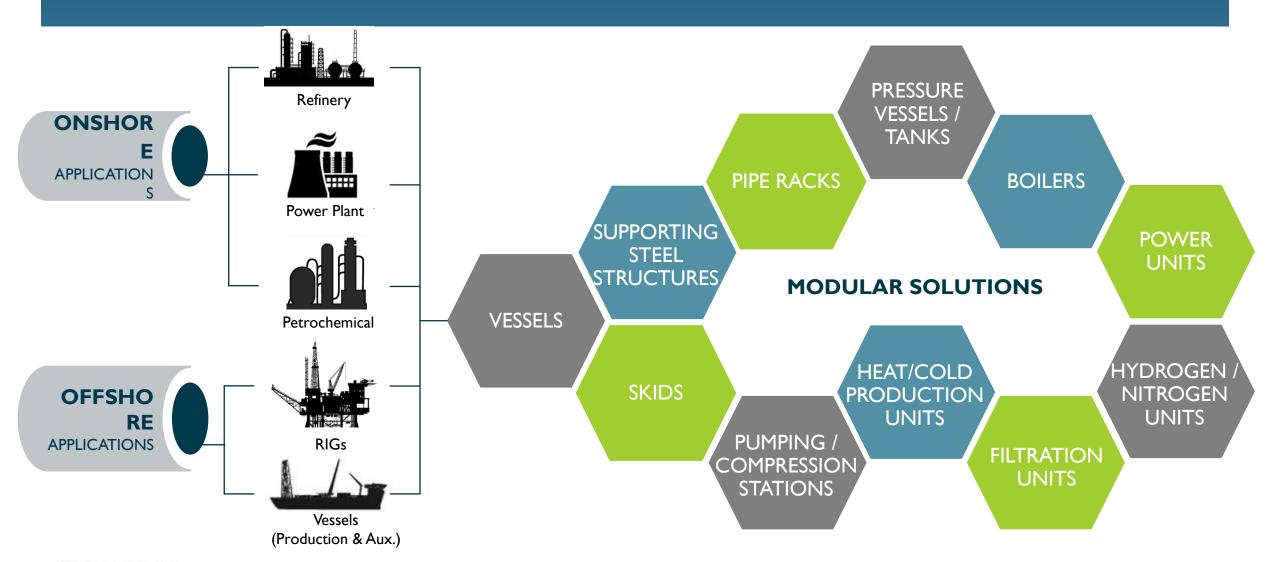






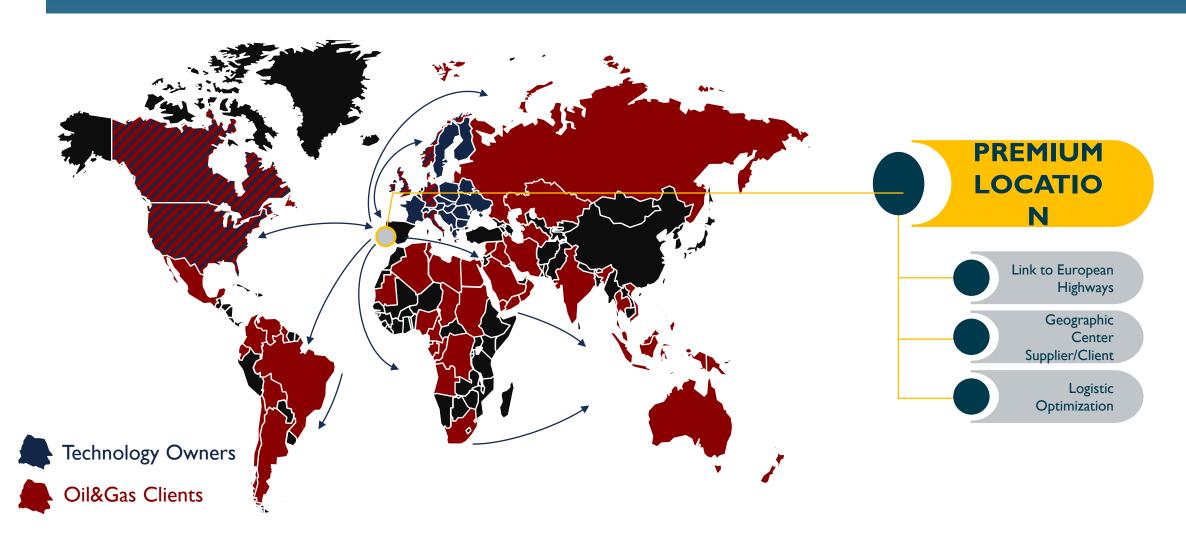


# WHAT DOES AMAL MODULAR YARD (AMY) OFFER?



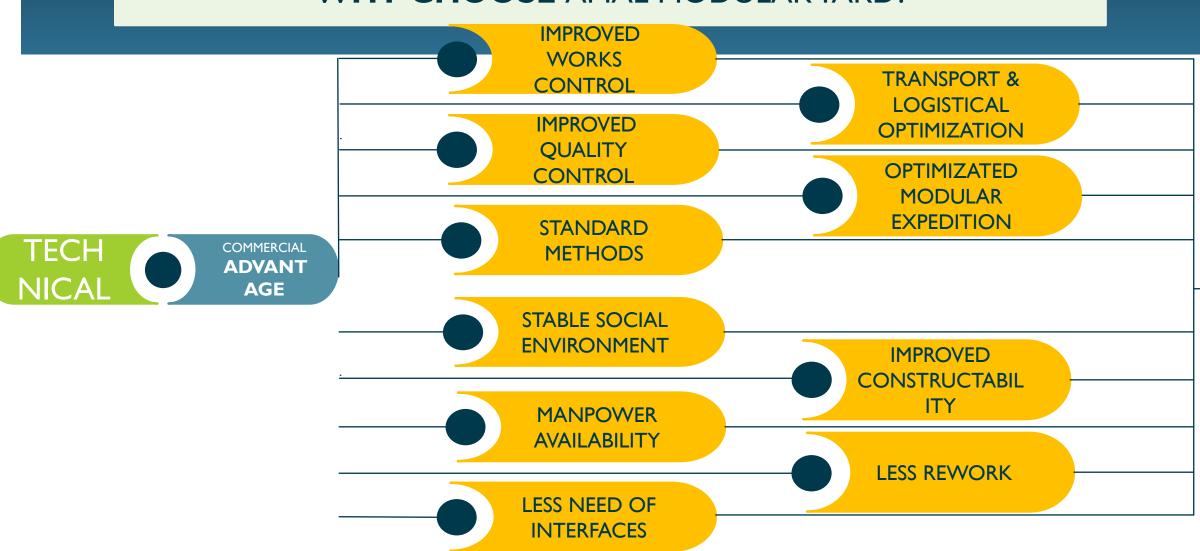


# WHY CHOOSE AMAL MODULAR YARD?



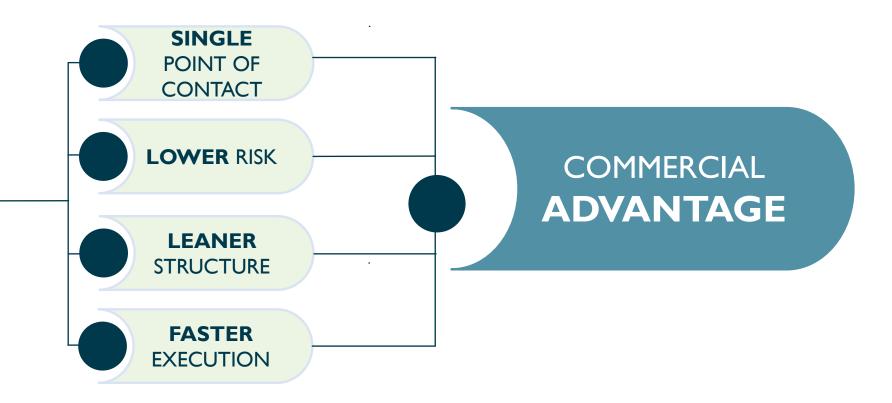


## WHY CHOOSE AMAL MODULAR YARD?





# WHY CHOOSE AMAL MODULAR YARD?



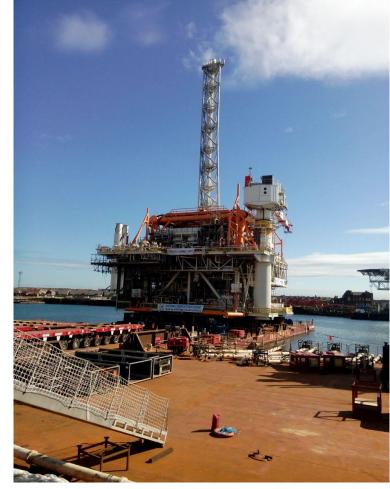


### ALBA PROJECT MARATHON- OFFSHORE PLATFORM



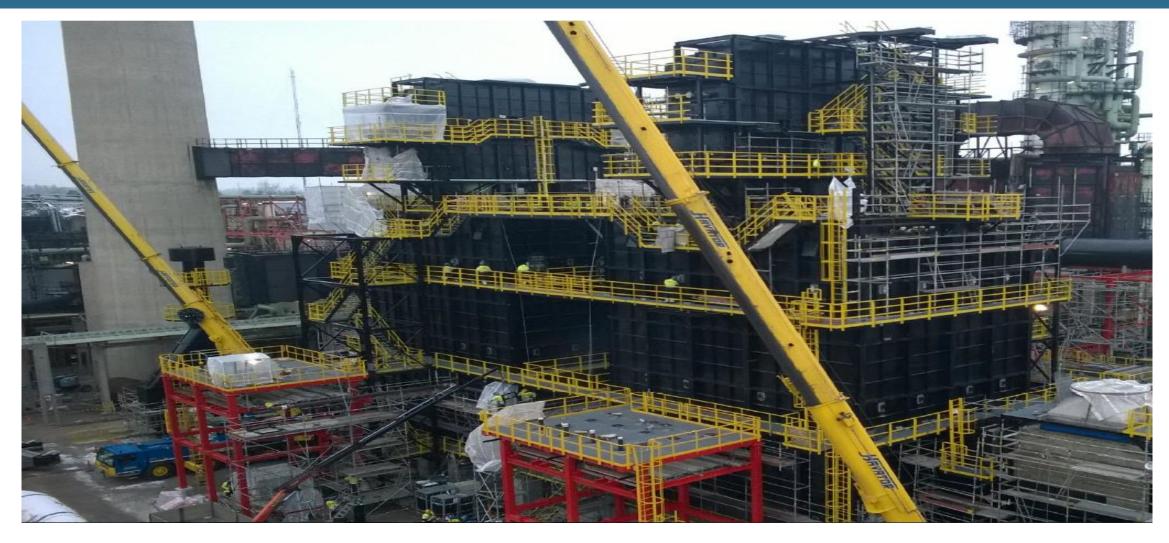
## CYGNUS PROJECT- GDF SUEZ- OFFSHORE PLATFORM







#### CRUDE HEATERS & PIPING WORKS - NESTE OIL





# HYCO 3 MODULES AND GAS PLANT ASSEMBLED, AIR LIQUIDE, ESTARREJA









I confirm that I have dealt with AMAL- construcoes metalicas, s.a. for the prefabrication and installation of stainless steel, duplex and titanium pipespools for the BP Valhall Project in 2008 - 2009 during which time they have provided us with excellent performance, schedule wise as well as quality wise.

Their work has been a major factor in our completion of the project, helping it to become a success for Heerema and BP.

I can confidently recommend AMAL s.a. as a solid and reliable partner and experts in

their field.

Yours faithfully

Frank van Zantvoort

Construction Manager

Heerema Zwijndrecht BV

Recommendation Letter

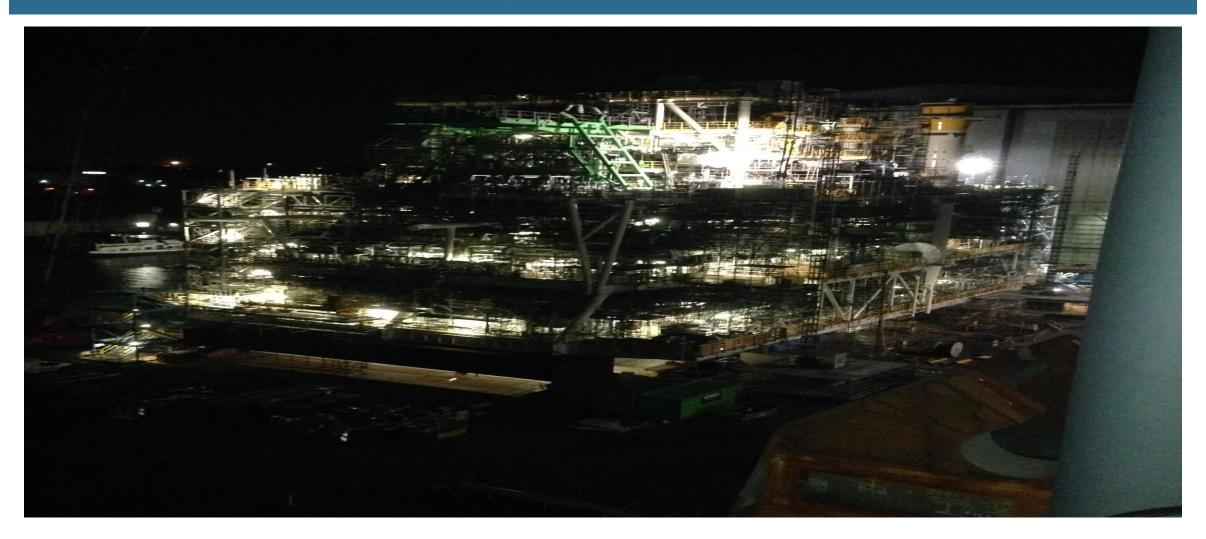
OFFSHORE
PLATFORM
NORWAY
(Piping Work)

#### HEREEMA-VALHALL





## TALISMAN- MONTROSE PROJECT

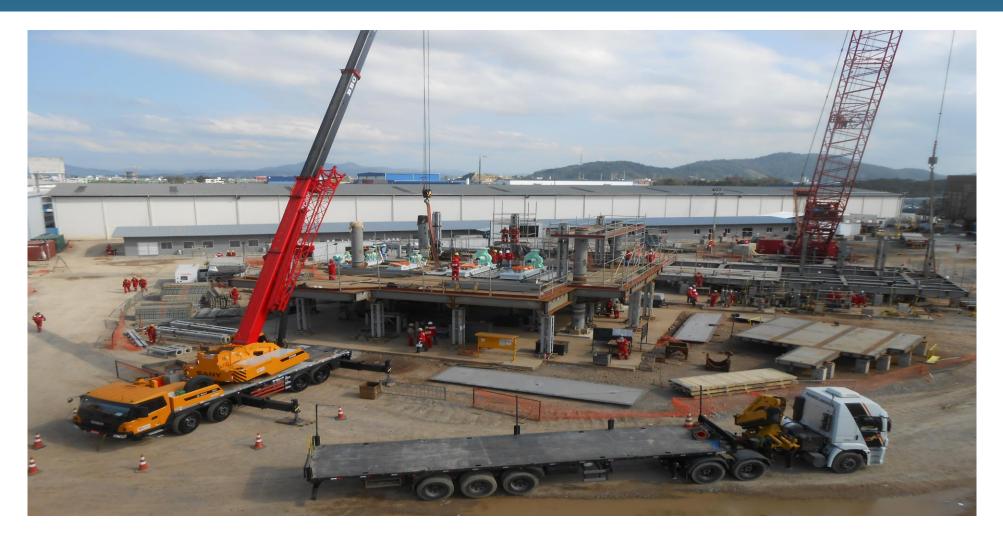




#### INTEGRA/ GE- PIPE RACK MODULE AND ELECTRIC



# EMPTY LAND...TO A MODULE YARD IN LESS THAN 6 MONTHS (WITH PROJECT ON GOING)





#### INFRASTRUCTURE- OFFICE AND WAREHOUSE





## GROWTH-DEVELOPMENT STRATEGY CCC- AMAL STRATEGIC PLAN

- Construir (Construction)- Consolidar (Consolidate)- Crescer (Grwoth);
- Sustain Current network / locations;
- Ensure stable workload;
- Enhance efficiency / cost levels / proficiencies;
- Consolidate fabrication plants in Algeria and Mozambique;
- Develop strategic partnerships with major EPC contractors and Oil & Gas Contractor in Modular Solutions;











# End of Presentation. Thank You. AMAL