

Hallvard Hasselknippe, President Subsea

SG Premium Review, Paris, December 3, 2015



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Some of these risk factors are set forth and discussed in more detail in our Annual Report. Should one of these known or unknown risks materialize, or should our underlying assumptions prove incorrect, our future results could be adversely affected, causing these results to differ materially from those expressed in our forward-looking statements. These factors are not necessarily all of the important factors that could cause our actual results to differ materially from those expressed in any of our forward-looking statements. Other unknown or unpredictable factors also could have material adverse effects on our future results. The forward-looking statements included in this release are made only as of the date of this release. We cannot assure you that projected results or events will be achieved. We do not intend, and do not assume any obligation to update any industry information or forward looking information set forth in this release to reflect subsequent events or circumstances.

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Technip

## **Technip's Unique Position**



# World Leader Bringing Innovative Solutions to the Energy Industry

Technip is
a world leader in
project management,
engineering and
construction for oil &
gas, chemicals and
energy companies

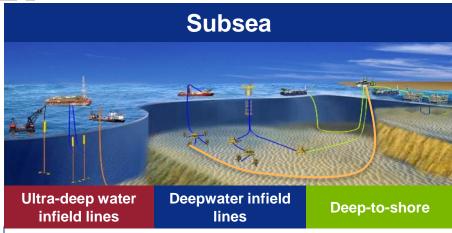
- Listed CAC 40 member ~€5.8 billion\* market capitalization
- 36,000 people in 48 countries
- 2014 Adjusted Revenues of €10.7 billion and adjusted operating profits of €825 million (7.7% margin)
- Business segments: Subsea and Onshore/Offshore
- Diversified backlog of €17.5 billion end of September 2015
- BBB+ rating with Stable Outlook confirmed by Standard and Poor's on September 11, 2015







### **Complementary Business Segments**



#### 2014

Adjusted Revenue: €4,880 million

Adjusted Operating Income\*: €635 million

**Positive Capital Employed** 

#### Segment activity / Know-how

- Subsea field architecture & integrated subsea design
- Manufacturing, Spooling & Installation pipelines
- Project management: engineering, procurement, construction, logistics and installation using our high-end fleet

#### Key differentiators

- Proprietary pipe technologies (rigid & flexible)
- Leading industrial plants and operational facilities
- Alliances with industry leading partners

### **Onshore/Offshore**





#### 2014

Adjusted Revenue: €5,844 million

Adjusted Operating Income\*: €276 million

**Negative Capital Employed** 

#### Segment activity / Know-how

- Preliminary studies to detail design
- Project management: engineering, procurement, construction
- Technology supply and project management

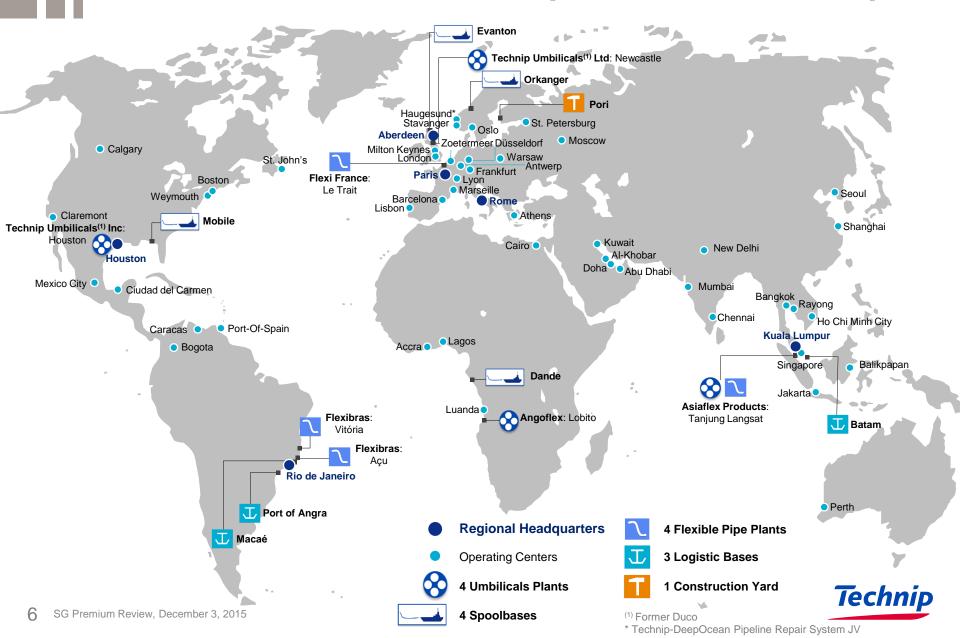
#### Key differentiators

- High added-value process design skills
- Proficiency in design of all platform types
- Proprietary technology, know-how and license partners

### Two contrasting business cycles and financial models



### **Global Business with Unique Worldwide Footprint**



## **Operational Focus**



### **Market Environment**

### What we have seen

#### **Clients**

- New projects delayed
- Capex/opex discipline, strong focus on cash flow management
- Willingness to engage earlier and work differently

### **Contractors and supply chain**

- Industry structural change
- Aggressive cost reduction plans
- Price deflation, but not uniform

### **Market opportunities**

- Pockets of resilience in offshore and subsea markets
- Opportunities in onshore

### What we expect

- Additional capex budget cuts
- Increased pressure on supply chain
- Strategic projects prioritized
- Accelerated standardization and simplification
- Further cost base reductions
- Efficiency improvements (technology, innovation)
- Capabilities integration (alliances, M&A)
- Address overcapacity
- Pockets of geographic resilience:
  - Brazil pre-salt developments
  - Downstream in North America, Eastern Europe and Africa / Middle East
- New contracting models
- Increased momentum in Technip / FMC Alliance



# **Subsea Vertical Integration: Customer Support from Concept to Execution**

### Concept

## **Upstream Engineering**

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- Pre-FEED<sup>(1)</sup> and FEED
- Offshore field development studies
- Innovative technology solutions for platform and subsea challenges



### Execution

### **Project Engineering & Procurement**

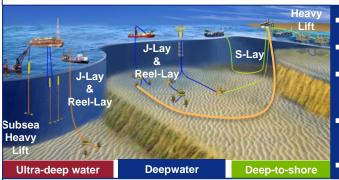
### **Manufacturing**



- Flexible risers and flowlines
- Rigid Pipeline Welding/Spooling
- Umbilicals

#### Installation

**Support, Diving & Logistics** 



- Flexible-lay
- Umbilical-lay
- Associated construction
- Rigid Reel-lay
- Rigid J-lay

- Rigid S-Lay
- Heavy-lift for Subsea infrastructure
- Offshore topside installation

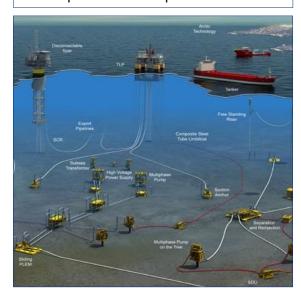
R&D / Proprietary Software & Hardware / Life of Field



# **Broader Integrated Solutions from the Conceptual Stage**



Providing independent architecture development and component selection

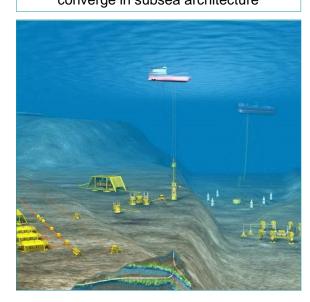


### **Agnostic Solutions**



Integrating Technip subsea proprietary technologies and offshore platform know-how with third party processing equipment to provide innovative development





**Vendor Based Solutions** 



## **New Business Model to Improve Deepwater Project Economics: Forsys Subsea**

**Early** involvement

Seabed to surface field optimization



Life-of-field

Monitoring and surveillance, data analysis and advisory services



- Two integrated early studies awarded to Forsys Subsea, with different characteristics showing broad interest on the approach
- Target an EPCI award for Technip / FMC Alliance in 2016



<sup>(2)</sup> SSP: Subsea Processing







# **Control Welding Activities to Improve Rigid Pipeline Operational Performance**





- Develop leading-edge pipeline welding technologies and adapt upfront capabilities to meet project challenges (ie. high corrosion, high strength steel applications, stringent fabrication codes)
- Improve operational performance through enhanced production and reliability (faster welding system, zero repair rate objective)
- Increase spoolbases' profitability and competitiveness through improved schedule and stricter control of welding activities (fully automated equipment, harmonization of methods)

**Strengthening differentiating technology** 



# Vertically Integrated Offering: West Africa Subsea Projects

### Moho Nord, Congo

- Client: Total
- Scope: major EPCI & supply for rigid, flexibles and umbilicals at water depths up to 1,100 meters
- Vertical integration enhanced
- S-lay and heavy lift capabilities using the G1200 vessel







### Block 15/06, Angola

- Client: ENI
- Scope: large EPCI & supply for flexibles and rigid at water depths up to 1,400 meters
- High national content with local manufacturing
- Installation campaign ongoing with Technip vessels

### T.E.N., Ghana

- Client: Tullow
- Scope: major EPCI for rigid, flexibles and umbilicals at water depths up to 2,000 meters
- Reinforcing local presence in Ghana
- Strong know-how and technological innovation for ultra-deepwater

### Egina, Nigeria

- Client: Total
- Scope: flexible and umbilicals supply
- High technology and large diameter pipes manufacturing



- Client: Total and Sonangol
- Scope: major EPCI & supply for rigid and flexibles at water depths up to 2,000 meters
- First major award won through the Heerema alliance
- High national content with local manufacturing: umbilicals supply scope won by Technip



# High-end Flexibles Technology: Brazilian Pre-Salt Market Leadership

### 2010-2011

- Group commitment to R&D taking pre-salt development further
- First pilot award for the Tupi field: demonstrated feasibility of flexibles technology
- New investment decision to expand manufacturing footprint in Brazil

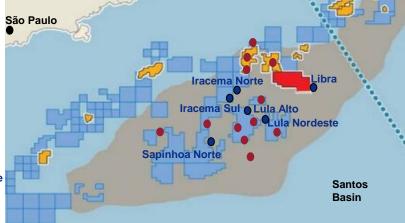
### 2012-2015

- Strong backlog built throughout the period thanks to qualification of flexible pipe solution led with momentum of awards
- New Açuflex flexible pipe plant opened in 2014: world's most technologically advanced manufacturing plant

### 2015 and beyond

- Additional R&D to overcome pre-salt technical challenges led to first extended welltest award for Libra field
- Client investments confirmed for upstream developments with FPSOs ordered







Future pre-salt developments



### **Optimizing Cost- and Schedule-Driven Projects**

### **Conceptual studies**

### **FEED**

**EPC(I) / Services** 

- Design cost-effective project execution plans by engaging early:
   Genesis and Technip Stone & Webster Process Technologies
- Offer Integrated solutions from design to development
- Build optimized and fit-for-purpose solutions working hand-in-hand with clients
- Combine expertise from our segments with complementary assets, technologies and capabilities



Prelude FLNG
Australia



RAPID Malaysia



Juniper Trinidad and Tobago



Sasol ethane cracker USA



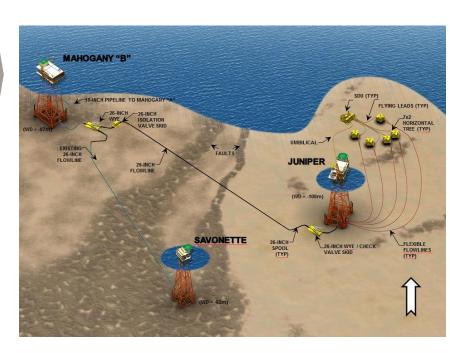
# Making Marginal Fields Development Viable: Juniper Project

### **Original Project Delivery Model by Client**

- FEED Engineering contracts
- Execution phase separate contracts for:
  - Detail Engineering & Procurement Services for Platform
  - Detail Engineering & Procurement Services for Subsea and Pipelines Scope
  - Fabrication Contracts for Jacket/Piles & Topsides
  - Installation Contract for Jacket/Piles & Topsides
  - Installation Contract for Subsea & Pipelines
  - Hook-up & Commissioning Contract
- Client staff required to manage both technical and commercial contracts & interfaces

### Final Project Delivery Model by Technip

- FEED Engineering contract
- EPCIC for platform, subsea and Pipelines



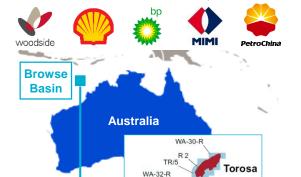


## Bringing Together our Unique Combination of Expertise: Browse FLNG Project

#### **Award Overview**

- Client: Woodside and Shell
- Consortium with Samsung Heavy Industries
- Location: Development of 3 fields: Brecknock, Calliance & Torosa, located 425 kilometers North of Broome, Western Australia
- Scope of work\*:
  - FEED for three FLNG units signed with Shell, then novated to Woodside as operator
  - EPCI of the three FLNG units subject to clients' FID at the end of the FEED
- Early engagement to bring added value for a more cost- and schedule-effective solution
- Associates the know-how and expertise for the design and construction gained on Prelude FLNG by our teams





Browse FLNG Development



Brecknock Calliance

# Financial Highlights & Conclusion



### **Third Quarter 2015 Key Elements**

### **Quarter highlights**

- Progress on project execution and restructuring plan across both segments
- Subsea growth initiatives
  - Forsys Subsea awarded first two integrated front-end studies
  - Genesis and its subsurface partner working on first joint studies
- Onshore/Offshore diversified order intake
  - MIDOR refinery, early works, Egypt
  - Polyethylene plant, EPC, Czech Republic
  - Work orders on PMC / services contracts

### Results

- Adjusted Revenue of €3.1 billion
  - +14.7% in Subsea
  - +5.8% in Onshore/Offshore
- Adjusted OIFRA<sup>(1)</sup> of €292 million, +21% growth at Group level
  - Subsea adjusted OIFRA<sup>(1)</sup> of €232 million
  - Onshore/Offshore adjusted OIFRA<sup>(1)</sup> of €76 million
- Net income rose to €164 million
- Adjusted net cash at €1.3 billion

Order intake of €1.7 billion, ~€17.5 billion backlog





### Subsea

- Adjusted revenue over €5.5 billion
- Adjusted operating income from recurring activities<sup>(1)</sup> at around €840 million

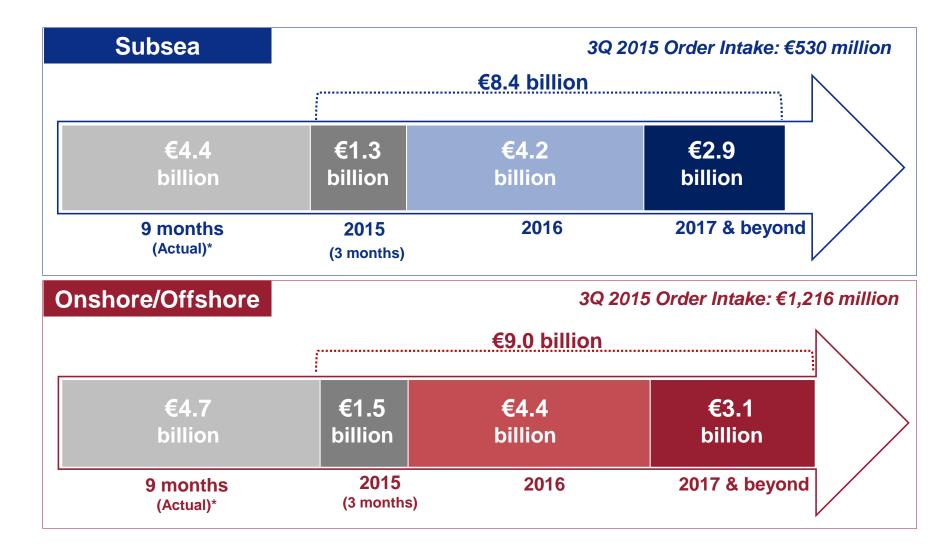
### **Onshore / Offshore**

- Adjusted revenue over €6 billion
- Adjusted underlying operating income from recurring activities<sup>(2)</sup> between €210 to €230 million



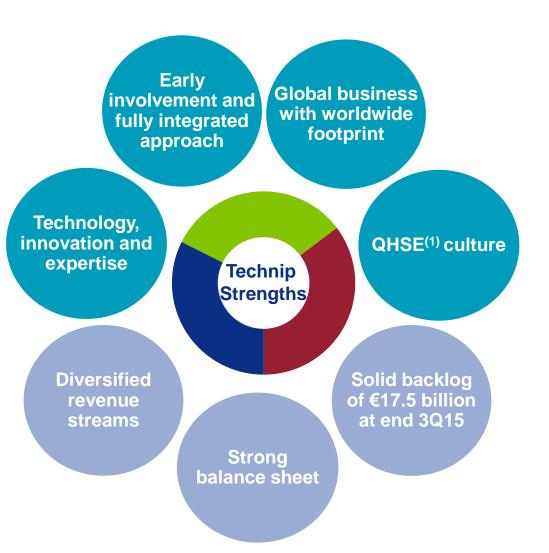
<sup>(1)</sup> Adjusted Operating Income from Recurring Activities after Income/(Loss) of Equity Affiliates
(2) Adjusted Operating Income from Recurring Activities after Income/(Loss) of Equity Affiliates excluding Exceptional Items

### **Estimated Backlog Scheduling**





### **Technip Strengths in a Challenging Environment**



### **Technip Priorities**

- Executing projects with discipline and improved efficiency
- Reducing client project costs through standardization and innovation
- Reducing our cost base and increasing our competitiveness
- Seizing opportunities in targeted markets
- Best position ourselves for the future





## **Questions & Answers**

