# The Amsterdam Engineering Procurement Construction Project Management Forum 2023 Virtual & In-Person event of the year

Leonardo Royal Amsterdam Hotel 27-28-29-30 November 2023





**Francois Thuault** Direct eur -Contract & Claim Management



Kurt VanStappen Senior Project Manager **Engie Tractebel** 



Abdul Halim Ab Hamid Decommissioning & Abandonment Executive

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**Projects** 

Head of Project

Management &

Construction.

**BELECTRIC** 



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Branch Manager

**AUCOTEC AG** 



Mark Cowley **Project Management** Consultant

**Mashel Gonyora** 

**Mark Langerhorst** 

**Robert Blundell** 

Naif S Al-Qahtani

Senior Legal Counsel

Project Manager

Nordex UK

Project Engineer

**Sipchem** 

Sasol

Worley

Manager SHE:Enablement,

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**Pepijn Docter** 

Head of Projects OMV



Natale Pezzimenti

Lidia Stepanyuk

Ahmed F. Sinan

FOREMAN AIRONDITIONING

decommissioning projects

Civil engineer

**EniRewind** 

Operations Lead

Fluor

Aramco

**Bert Rits** 



Mohammed Alshammari

Sr. Utilities Operator Saudi Aramco



**Dr. Yvonne Waterman** Specialist asbestos liability law

Waterman Legal onsultancy

Doina Dobre Senior Cost Estimator Emerald Cost Consulting







Director and CEO PlantStream Inc



**Grant Morrison** Director Head of **Category Management Maersk Drilling** 



Faisal A. Al-Turairi Planning & Programming Services Unit Saudi Aramco

Managing Director **RVA Group** 

**Richard Vann** 







Saudi Aramco

**Thierry Linares** 

Director, Construction

Senior Managing

**FTI Consulting** 

**Binny Bagga** 

Vice President -

Solutions



**Heinz Janiec** Project Manager

Specialty **Engineering** 



Norman K McLennan Managing Director &





Saif Ur Rehman S. Maan FOREMAN MULTICRAFT Saudi Aramco Madhu P Pillai



**VINCI** Construction Abdulaziz Yousef Associate Engineer Saudi Aramco



Contracting & Procurement Specialist EDP Alex Hadden







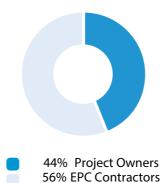
# **Highlights**

#### **Industry Breakdown**





Oil, Gas & Chemical Infrastructure & Others Energy Utility



#### **Job Function Breakdown**



**Engineering & Procurement** 

### **Key Focus:**

- Industry growth post pandemic opportunities in 2022
- War in Ukraine: the construction impact on European and global economies The domino effect of the Ukraine crisis on gas and LNG Projects
- Stay ahead with forecast suggesting boost in market growth during the forecast period (2022-2023)
- Resolving restraining factors and navigating towards pre pandemic levels with rising oil & gas exploration activities
- Discover regional insights into driving factor towards rising EPC activities and further increasing the O&G footprint on the market.
- To what extent the project implementation schedule (including in particular the milestones and the final completion date), the procurement plan and the transportation study have to be revisited and, possibly, amended.
- Overcome supply chain disruption and sourcing challenges likely to affect project delivery and margins
- The role of effective relationship management in successful large oil and gas projects Monitoring Negotiations to Mitigate Risk in Multiple Party Contracts.
- Dealing with critical project drivers (time, cost, quality and scope) and how they are affected when Alert Levels change or are redefined.
- · Mitigating the risk of delays in power plant projects: An EPC contractor's view on different contractual concepts

# **Industry Focus**

Project owners, EPC Contractors and Sub-contractors with activities in new construction, and expansion projects from:

- Oil and gas producers
- Pipeline owners
- LNG industry
- ✓ Terminals and storage
- Law Firms
- ✓ Infrastructure Companies
- Petrochemical refineries
- Mining
- Solar
- Energy Utility
- TSO

#### **Who Will Attend**

Heads, Vice Presidents, Directors, Managers and Senior executives from contracting companies involved in engineering, Procurement and Construction projects with disciplines including:

17%

- Project Managers
- Project Planners
- Change Managers
- Program Managers
- Portfolio Managers
- Project control functions
- Project Sponsors
- Project Consultants
- Contracts Managers
- Claims Managers
- Compliance Officers
- HSE and HSEQ Managers
- EPC Realisation Managers

- Risk Managers
- Commercial Managers
- Supply Chain Managers
- Procurement Managers
- Sales Managers
- Legal Counsel
- Business Development Managers
- Business Analysts
- Sustainability Managers
- Operations
- Production
- Process











DAY 1

08:30 Registration (Tea / Coffee)
08:50 Opening address from the Chair

#### 09:00 Securing Project Predictability

- Realistic Start
- Key contributors to project predictability

Lidia Stepanyuk, Operations Lead Fluor

# Energy Transition (ET) Projects how can EPC contractors smooth & accelerate the FEED to EPC process to meet the needs of ET customers?

- As recently reported the energy transition to mitigate climate change is becoming moreurgent if we are to limit temperature rise to 1.5oC avoid catastrophy.
- · How can EPC contractors adapt and support this?
- How can the FEED to EPC process be open fair and transparent commercially?
- What project execution strategies can be utilised to deliver such projects quickly and efficiently?
- How can the use of digital delivery tools across the project life cycle support accelerated delivery?

Mark Cowley, Vice President Operations, Petrofac

#### 10:00 Morning Coffee and Networking

#### 10:30 International demolition projects - Challenges & Opportunities

- Set against the demolition case study of Centrale Gelderland Power Plant, we will explore:
- · Understanding and overcoming Communication and Cultural barriers.
- Developing a corporate structure across international boundaries.
- Forming an international project team to complete the project successfully.
- Understanding local legislation, standards and accreditations.
- Managing logistical challenges

Alex Hadden HSE Director Brown & Mason

## Onshore Plant Recycling Repurpose via Asset Sales Agreement (ASA)

Sustainable circular economy concept and have been identified as the key strategy to maximize the recovery value from materials to be refurbished & reused

Prolonging materials lifecycle with more effort to circular economy & sustainability

Opportunity to maximize cash return

Minimum intervention by owner

Efficient Contract management & Budget planning

Case study: ASA contributed to 52% cost saving out of total decommissioning cost

Plant Resell promotes the circular economy via recycling, reuse and repurpose of plant equipment to the potential buyer through competitive Asset Sales Agreement

Abdul Halim Ab Hamid

Decommissioning & Abandonment Executive

Petronas

11:30 Engineering Base Platform for Plant Engineering and Operation

Decarbonization

- -H2 ramp up
- -Shortage of skilled workers
- -Revolutionizing EPC Projects with centralized Data
- -Risk Mitigation and Cost Savings

Thomas Salitz Branch Manager AUCOTEC AG

12:00 Business Lunch

# 13:00 Digital Transformation of Industrial Project Execution

This presentation looks at some of the challenges that industrial projects face today relative to execution as well as some of the latest industry metrics regarding how well companies adopt technology and innovation including the perspective by AVEVA on how these problems can be addressed.

#### Ivan Siksne-Pedersen Strategic Pursuit

Director, Engineering – Global Accounts & EMEA

Aveva

13:30 Success Story of AC Plants Centralization to District Cooling

Abdullah K. Alzuwaidi SR UTILITIES OPERATOR Saudi Aramco

#### 14:00 Optimizing costs and boosting profitability before, during and

- Recycling and circular economy as a basis for profitable decommissioning and demolition
- Ensuring profitability by reusing the facilities
- Red flags: How not to turn the decommissioning process into an expensive failure
- Prospects for selling the site: What needs to be considered?
- An examination of budget planning: Why is it vital to have a financial reserve?

#### Kurt Van Stappen Senior Project Manager Engie Tractabel

#### 14:30 The missing link between maintenance and Project

- · People Management
- Maintenance Processes
- · Project Management Process
- · Reliability Process (link between M & P)

Rudi Frederix Project Manager Operational Excellence Siemens Mobility

15:00 Coffee and Networking

#### 15:30 Adjusting EPC Lump Sum contracting to market

#### volatility climate: another Pandora box?

Generating controlled exceptions to fixed pricing provisional, adjustable or floating sums? The scheduling dimension of the inflationary fever: why Force Majeure will not cure the plague Between the threat of a renegotiation claim and the burden of a partnering

which option would YOU take?

**François THUAULT** Director- Contract Management, Major International EPC Contractor

## 16:00 Project Challenges & Opportunities in the current environment

Past, Present & Future in Project Management Past, QUALITY

Present, the Current World & Environment we live in

The internal world, CAPEX explosions and schedule challenges The external world, the scenario of all running for the same exit on top of

global market & resource challenges Future, "where do we go from here?"

Control & Enhance, Focus and Widen the Horizon. Last but NOT least, It is all about PEOPLE "

Bert Rits Head of Projects OMV

#### 16:30 Project Cost Increases & Mitigation Strategies

- Insolvency
- Performance Excuses
- Foreseeability
- Price Adjustment
- Delay
- Increased Costs



DAY 2

08:30 Registration (Tea / Coffee)
08:50 Opening address from the Chair

#### 09:00 Balancing Transactional Costs to Maximize Returns for EPC Contractors

- There has been revolutionary transformation in construction industry in last decade
- · Growing competitiveness in the market mainly drove this
- Transaction costs have significant impact on bottom line and project success

Madhu P Pillai, Advisor - Oil & Gas Projects, Kentz (Kent)

#### 09:30 DISPUTE CIRCUIT BREAKERS ON MEGA PROJECTS

Conflict avoidance – early-stage engagement and contracting approaches Appropriate ADR and managing the escalation of disputes Checkpoints in arbitration – staying creative to avoid the full fight

Thierry Linares Senior Managing Director, Construction Solutions FTI Consulting

#### 10:00 NEUMAN & ESSEREPC Managment & Energy Transition

Somendra Pandey Global Sales Leader Neuman & Esser

10:30 Morning Coffee and Networking

#### 11:00 Avoidance, management and efficient resolution of disputes

- $\cdot$  Collaborative contracting, project committees, dispute managers, use of AI and other ways of identifying risks and avoiding disputes
- Devising the multi-tier dispute resolution clause that suits your project
- ·What are the alternative to arbitration that work best? The use of Dispute Boards in international projects
- ·Arbitrating an EPC dispute effective case management techniques, use of technology and dealing with evidence

Renato Nazzini Professor of Law King's College London

## 11:30 Importance of Lesson Learned Implementation in Brownfield Project

- ·Execution for Petrochemical Plant Steam Coil Replacement in Methanol Plant
- Equipment Manufacturing Plan & Ensuring compliance to QA/QC Plan
- ·Transportation challenges for Heavy Equipment from Sea Port to Plant Site
- ·Incorporation of lesson learned in execution strategy
- ·Segregation of Pre-Shutdown/Shutdown Scope
- ·Contractor/Sub-Contractor Management
- ·Interface & Risk Management
- ·Cost Optimization & Cost Saving from Lesson Learned

#### Naif S Al-Qahtani

Project Engineer, Sipchem

12:00 Business Lunch

13:00 Use of O&M technologies to Enhance AC Reliability (Case Study)

Abdulrahman K. Alfahad SR HVAC & REFRIG TECH Saudi Sramco

#### 3:30 The role of Human and organisational factors in Asset Management

- Human and organisation factors (HOF): The role of Human and
- · organisational factors in Asset Management.
- Influence of safety management systems on asset and safety
- performance
- · Safety critical communication in asset management
- · What can we learn from Asset incidents/accidents and the role
- of HOF?
- · Analysing asset data and promote continual improvement

Mashel Gonyora, Manager SHE:Enablement, Compliance and Assurance Sasol

#### 14:00 Create" and "Operate" Projects in a sustainable way

· Have a "Holistic Design and Operation"

Have less waste during the "Construction"

Have less waste during the "Unit Operation"

Create a sustainable cost effective "Maintenance"

Be on "Schedule and Budget"

 These approaches may have higher project cost but less operation and maintenance costs

Use the advantages on the "Holistic Design and Operations" Be cost effective on the long term operation

Heinz Janiec, Project Manager, Specialty Engineering

30 Afternoon Tea and Networking Break

#### 15:00 Collaborative Principles for Better Supply Chain Practice in Managing Projects

- The rationale for collaborative business practices across supply chains and why collaboration can be the jewel in the crown for organisations in the private, public and 3rd sectors.
- ·Collaborative arrangements: Different supply chain perspectives, drivers and interdependencies
- Raising the game the CRAFT 8 Stage Life Cycle Model and ISO 44001: The evolution and emergence of a new global standard for collaborative working in managing projects.
- · The importance of stakeholder engagement in harnessing the benefits of collaborative working practices
- · Commercial risk and pricing considerations associated with collaborative versus traditional contracting arrangements in managing projects.
- · Pan-industry supply chain collaboration: An exemplar case study of solutions developed by and for the energy sector.

Norman K. Mclennan Professor

## 15:30 EPC Challenges in the Renewables Energy Sector

- Rapidly & Constantly Changing Environment (Growth Expactation, PPA, Electricity prices, module pricing, logistic costs, interest rates)
- Development & Execution Schedules
- Supply Chain & Manufacturing
- Grid Capacity Limitations

**Danny Stadler** EPC Challenges in the Renewables Energy Sector SOLAR **BELECTRIC** 

## 16:00 Balancing the energy trilemma in the global EPC markets

- · Growing energy security concerns on supply chain
- Boost in demand for EPC services
- Capacity and cost challenges

**Binny Bagga** Vice President - Energy Services Reserach **Rystard Energy** 

## 16:30 Strategic and tactical factors impacting project performance

Factors impacting project performance based on analyzing data from 200 large industrial projects.



Mohamed El-Mehalawi Managing Partner Owl Project Management

## DAY 3

## 08:30 Registration (Tea / Coffee)08:50 Opening address from the Chair

#### .09:00 Lessons Learned in Projects Lifecycle Management

- · Purpose and principles
- · Features, application and templates
- Reference case
- Digital transformation

#### Akachidike Kanu, Projects Leader, Repsol

#### 09:30 Risk management for floating offshore wind farms

- · Different from fixed-bottom offshore wind farms
- · Business case sensitivities
  - Interface management
  - Operational challenges
- Geographical expansion and cultural risks

#### Pepijn Docter, Project director for offshore wind BP

## 10:00 Efficient execution of procurement procedures for complex contracts

- Understanding the use of a competitive procedure with negotiation in a procurement context
- Adaptations to the common understanding of a competitive procedure with negotiation
- How to ensure an effective price competition from a contracting entity's perspective
- Experiences and key take-aways from procurement procedures for contracts related to the world's longest immersed tunnel

Julie Juul Møller Legal Advisor Femern A/S

#### 10:30 Morning Coffee and Networking

#### 11:00 Project Execution Model & 4D Scheduling - Best Practices

- · Project Execution Model;
- Conceptual Design Importance;
- People & Collaboration;
- PEM Strategic, Control and Execution levels;
- · Asset Life Cycle Management;
- Global Project Delivery Systems and Geographic Information Systems (GIS)
- Gateway Decisions;
- Front-End Loading (FEL).

Mark Langerhorst, Project Manager, Worley

#### 11:30 Dramatic evolution of plant 3D design by PlantStream auto-routing technology:

how to Improve Cost Estimation Accuracy in early Project Phase

- Advantages of Multiple Layout Studies
- Mitigation of Project Execution Risk



Seitaro Narue Director and CEO PlantStream Inc

12:00 Business Lunch

#### 13:00 Reduction of Indoor High Airflow Noise (Case Study)

Ahmed F. Sinan FOREMAN AIR CONDITIONING SVC Saudi Aramco 13:30 Key elements of effective construction procurement strategies in PV Projects implementation

- Understanding the importance of construction procurement strategy
- · Developing a tailored and detailed procurement plan
- Implementing and monitoring the procurement strategy
- · Leveraging technology in construction procurement and navigating challenges

Vladislava Stefanova "Head of Procurement & Contracting" Solar Montage Team

14:00 Achieved Benefits after Sealing Duct Leakages

Saif Ur Rehman S. Maan FOREMAN MULTICRAFT Saudi Aramco

#### 14:30 Afternoon Tea and Networking Break

#### 15:00 EPC contracts in the wind energy sector

- · Procurement Strategy and Models
- · Multi contract arrangements
- · Framework agreement with the Wind Turbine suppliers
- · Interface and other "risk" items

#### Moreno Bisio

Head of Legal Affairs Wind, Solar & Business Development **ERG** 

#### 15:30 Factors affecting successful FEED

Project scope of work, Code and standard, Involvement of the stake holders, selection criteria of the engineering contractor, FEED schedule and timing.

Sherif El Nabawy Engineering Manager, Dragon Oil

#### 16:00 Using Nanofluid Technologies in HVAC Systems

Ahmed S Alghamdi Water Operation Division Aramco

## **16:30** Investing in renewables hybrid projects and improving the efficiency of hydro fleet.

Combination of multiple sources to produce green electricity.

Improving the efficiency and adding storage to the existing hydro
powerplants

powerplants. Procurement and project management challenges.

#### Fernando Pinto

Contracting and Procurement Specialist **EDP** 

#### 17:00 Modular projects: design and delivery

Herve Baron Senior Project Manager Solvay

08:30 Registration (Tea / Coffee) 08:50 Opening address from the Chair

09:00

#### Eni Rewind experiences in decommissioning 13:30 of tall structures

- · Eni Rewind decommissioning major challenges at Eni petrochemical sites in Italy
- Plants description Project constrains - hot topics
- Demolition Technique: mechanical dismantling & critical life **Project & Execution Phase**

Natale Pezzimenti Civil engineer decommissioning projects EniRewind

#### Carl Kiser Director Overseas Projects OCEAANIXX

#### 09:30 Comparative Analysis of Water Pipeline Leakages in Diferent Materials Impact of Salt Content

Effect of Weather Condition on Water Pipeline System Effect of High Pressure on Water Pipeline System Different Pipeline Materials

Abdulaziz Yousef, Associate Engineer Water Operation Division Utilities & Facilities Services Deptartment, Saudi Aramco

Abdulmalik Alzahrani, Associate Engineer Water Operation Division Utilities & Facilities Services Deptartmnet, Saudi Aramco

10:00 Morning Coffee and Networking

#### 10:30 PREPARING FOR AND PROCURING A SECURE **DECOMMISSIONING PROJECT**

- · Plant shutdown and decommissioning activities
- · What is a 'known condition' and 'how clean is clean'
- Surveys and data gathering
- Compiling the bid package and tender process
- · Selecting the contractor

Richard Vann, Managing Director, **RVA Group** 

#### 11:00 Managing Liability through Defects Obligations

- Defects rectification: what is the purpose and what extent is practicable?
- Serial Defects provisions: a canary in the
- Overlap with Long Term Service contracts

Robert Blundell Senior Legal Counsel Nordex UK

#### 11:30 The Digital Era impact over industry

- · Technologies and Risk impact
- · Expertise & skill level
- · Investment & strategies
- · The outcome % of adoption of Tech

**Aamir Awan** Director Project Management **VINCI Construction** 

Implementing Smart City for Chilled Water System 12:00

Mohammed A. Alshammari SR UTILITIES OPERATOR Saudi Aramco

#### 14:00 Zero-emission construction sites

Elimination of NOx & C02 emissions during construction works on

Examples Challenges

Collaboration and outlook

#### Wouter Perry

**Business Development** Manager Stantec Group

#### 14:30 Afternoon Tea and Networking Break

15:00 IoT technologies offered by https://www.aoms-tech.com/ and the cost benefits they provide from the perspective of EPC project delivery method for the processing and industrial industries

- · Integration of IoT into EPC Projects
- Cost-effectiveness of IoT in EPC Projects
- Case Studies and ROI Analysis

Doina Dobre, Senior Cost Estimator, Emerald Cost Consulting

15:00 How to balance the choice of adopting an EPC vs a traditional approach to managing complex projects

#### Grant Morrison

Director, Head of Category Management Maersk Drilling

#### 15:30 Topic TBA

#### Faisal A. Al-Turairi

Planning & Programming Services Unit Utilities & Facilities Services Department, Saudi Aramco

16:00

Dr. Yvonne Waterman Specialist asbestos liability law **Waterman Legal Consultancy** 









# **EPC AMSTERDAM**

#### ATTRACTING KEY INDUSTRY PROFESSIONALS:



COOs. CEOs, VPs, Presidents. MD's



Planning and Change Leaders



**Business** Development



**Operations** Specialist



**Project** 



**Engineers** 



**Project** Managers



Fleet Managers



**Technical Advisory** 



**Efficiency** 



**Environmental** Managers



## **Exhibitor Sponsor**

Project Management, Contract & Claims Management Project Control, Strategy & Consulting, Project Leader ship ,Risk Management

**MORE INFO:** 

# **Engineering Procurement & Construction Project Management Forum Virtual & In Person**

27-28-29-30 November 2023 in Amsterdam, The Netherlands



Standard In-Person Registration Fee (per pass)	<b>= €2</b> 899
Virtual Pass (attend online)	<b>= €</b> 2499
Speaker Package (30 minutes slot)	<b>=€</b> 3 999
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Exhibition Space(6m2 with 1 delegate passes)	<b>= €</b> 5 <b>999</b>

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