

1. Personal information:

- **Name:** Dorin Junghietu
- **Birth date:** August 10, 1986

2. Work Experience

Minister of Energy

February 2025 - Current

Government of the Republic of Moldova

Commissioning Manager - Stegra Project (frm H2GS)

December 2024 – February 2025

McDermott , The Hague, Netherlands

- Developed comprehensive commissioning plans, ensuring successful execution and project handover.
- Coordinated equipment testing schedules, ensuring timely completion without compromising quality or safety standards.
- Streamlined commissioning processes by implementing standardized protocols and documentation procedures.
- Enhanced project efficiency by coordinating with multidisciplinary teams to ensure timely completion of tasks.
- Generated detailed reports on commissioning activities, providing insights into progress and areas in need of improvement.

Head of Commissioning, Completion & Subcontracting

April 2023 – July 2024

KPO KEP1 Project / SICIM Kazakhstan LLP, Aksai, West Kazakhstan Region, Kazakhstan

- Planning, developing and implementing detailed Construction Mechanical Completion, Pre-Commissioning and Commissioning Execution Plans for Karachaganak Expansion Project 1 (Injection Gas Compressors, Utilities, Substations, Pipe-racks, Flare, Pipelines, Trunk-lines, EOPS & RMSs).
- Coordinating and ensuring flawless transition from Construction to Commissioning and Ready for Start-up phases using System-based approach and Completions Management System.
- Managing team of 50 Commissioning and Contracting Discipline engineers for supporting and coordinating Project execution.
- Managing and coordinating Vendors and Specialized Subcontractors engagement and support in Project execution.
- Assisted with day-to-day Project operations, working efficiently and productively with all team members.

Commissioning & Completions Manager / PMC Team Leader

August 2022 – March 2023

OTTCO RMCOP / Worley Oman, Duqm, Oman

- HSEQ - providing safety leadership and ensuring compliance with HSEQ policies and procedures.
- Team Management & Client Relationship - providing leadership to the PMC site team, focusing on achieving milestones and key project objectives, effectively managing multiple stakeholders, and maintaining healthy client relationships throughout the Project phases. Developed and maintained courteous and effective working relationships.
- Scope Management - managing transition from Construction Completion towards Mechanical Completion and Ready for Start-up.
- Construction Management - setting objectives and coordinating Construction Team to ensure safe delivery of Project within cost and schedule objectives.
- Commissioning and Completion Management - Setting Commissioning priorities and System Completion approach for Construction and Commissioning teams. Defining Critical Commissioning activities and determining logical completion sequence. Monitoring and implementing of Commissioning Execution Plan, compliance with Project specifications, and follow-up of Completion process.
- Operational Readiness Assessment - evaluating and coordinating facility's overall readiness for hydrocarbon introduction and transition to operational phase.
- Pre-Start-up Safety Review - coordinating review sessions and close-out report actions follow-up.

Project Manager / PMC Team Leader

October 2021 – April 2022

ADNOC Refining / Worley Abu Dhabi, Ruwais, U.A.E

- HSEQ - Ensuring compliance with all HSE procedures and those HSE requirements are documented and understood by all project participants; Defining project quality requirements. Ensuring suitable systems are in place and applied to project. Developing project schedule that allows work to be executed in logical sequence. Ensuring compliance with PMC policies and procedures.
- Team Management & Client Relationships - Providing clear and focused leadership for project team to create a vision for project success and strategy to fit that vision. Focusing on the achievement of milestones and other key project objectives. Providing mentoring and participating in staff performance evaluation; identifying, documenting, and communicating client requirements. Effectively managing multiple stakeholders and maintaining/developing healthy client relationships throughout the project and post-completion. Proactively resolving performance, scope, cost, and schedule issues with the Client as they arise.
- Cost Control & Risk Management - Establishing cost reports for control of projects. Monitoring and controlling all cost aspects of the project, including forecasting costs, obtaining approvals, identifying trends and

taking action to avoid cost overruns, and identifying opportunities. Continual assessment of the performance of cost control system and personnel; identifying project risks and opportunities. Monitoring closure of all identified risks and opportunities.

- Scope Management - managing effective transition from Construction Completion towards Mechanical Completion and Ready for Start-up. Defining scope and compliance with requirements of contract. Effectively managing change control process applications and project interfaces. Managing and monitoring project performance to identify issues and opportunities early and seizing opportunities to take preventive actions.
- Construction Management - Setting objectives for Construction team. Monitoring Construction Management function to ensure safe delivery of project within cost and schedule objectives.
- Commissioning and Completion Management - Setting Commissioning priorities and System Completion approach for Construction and Commissioning Teams. Defining Critical Commissioning activities and logical completion sequence. Monitoring and implementing of Commissioning Execution Plan and compliance with project specifications.
- Procurement/Subcontracts Management - Assessing procurement process through project to ensure goods meet specifications and are delivered on time and within budget.
- Commercial Management - effectively managing PMC/Client Contract.

Commissioning and Start-up Manager / Team Leader

January 2015 – September 2021

Tecnicas Reunidas, Saudi Arabia, Oman, Spain, Australia, Turkey

- 2020 - 2021 Pre/Commissioning Manager, Saudi Aramco, Ras Tanura Clean Fuels Project
- 2019 - 2020 HO Commissioning Manager, OQ8 - Duqm, Duqm Refinery Project
- 2019 - 2019 Pre/Commissioning Manager, Saudi Aramco, Fadhili Gas Plant Project
- 2017 - 2019 Commissioning and Start-up Lead, SOCAR Turkey, STAR Aegean Refinery Project
- 2015 - 2017 Commissioning Manager, YARA International, Western Australia, TAN Burrup Project
- 2015 - 2015 Commissioning Lead, TUPRAS, TUPRAS RUP - Hydrocracking Complex
- Managed overall Pre-Commissioning, Commissioning, and Start-up activities to bring project from Construction Completion to RFSU
- Managed and coordinated midsize and large multidisciplinary teams (>50 indirect manpower - engineers/supervisors/technicians, and > 200 direct manpower - subcontractors/inspectors)
- Coordination and supervision of Pre-commissioning and Commissioning execution concerning Piping and Pipelines systems cleaning (flushing,

blowing, chemical cleaning, hydro-jetting, steam blowing, lube oil flushing, pigging), Rotating & Static Equipment Box-ups, Loops, and Instrument Functional Testing, Catalyst & Media Loading, Leak Testing, Rotating equipment Test runs (pumps, blowers, compressors)

- Ensure execution of PC&C activities in accordance with Client's HSEQ Standards and Policies. Provide HSEQ Leadership
- Review and update PC&C HSEQ Plan and Procedures. Review and participation in Safety Reviews (HAZOP Workshops, Safety walk-downs, JSA sessions, PSSRs)
- Conduct and coordinate Engineering reviews and Management of Change (MOC)
- Ensure PC&C progress aligns with Project requirements by identifying potential schedule delays, gaps and recommending mitigation action plans
- Continuous progress review and monitoring against plan and identifying areas of concern
- Establishing PC&C priorities and driving Systems Turnover process
- Development and review of PC&C Procedures/Manuals
- Review and update project schedule and progress reports
- Coordination of vendors and licensor's assistance
- Management of Commissioning Spare parts and Consumables
- Assisting Client to develop Start-up Execution Plan and Performance Tests

Operations Lead

November 2013 – December 2014

SATORP (Saudi ARAMCO and TOTAL Refining and Petrochemicals), Jubail, Saudi Arabia, Kingdom of Saudi Arabia

- Coordinate shift operations activities of an NHT (Axens), LP-HDS, and HP-HDS units (UOP)
- Provide technical support for start-up, stabilization and optimization
- Setting up proposals for process modifications and optimization
- Routine monitoring of static/rotating equipment and process parameters
- Supervising preventive maintenance activities
- Process upsets troubleshooting
- Assisting Control Room operator in unit operation (shut-downs, start-up, and stabilization)

Unit Manager / Refinery Shift Superintendent

December 2012 – October 2013

Petrotel-LUKOIL, Ploiesti, Romania

- Managed and coordinated operations activities and operations personnel (45 supervisors/operators) of Delayed Coker Unit Complex
- Providing HSEQ Leadership
- Implementation of evaluation and personnel training program
- Energy, chemicals, spare parts, and consumables management
- Support and execution of Performance Test Runs

- Identifying operational priorities by assessing operational objectives
- Preparing detailed plan for plan/equipment maintenance, winter preparations
- Coordinating preparatory activities for equipment maintenance
- Determining adjustments to plant operating parameters to maximize production, minimize losses and energy consumption
- Setting plans for commissioning activities and providing technical support for normal start-up and shutdown
- Preparing SOPs
- Developing HAZOP analyses & Emergency Response Plans
- Performing Fire Drills in collaboration with Firefighting Team and HSE Inspectors
- Managed Refinery Central Control Room Shift Team of 10 Panel Operators
- Coordination of shift operations for refinery units and utility network to comply with quality requirements for final products and HSE policies
- Monitoring of process parameters, feedstock, and refinery products quality parameters
- Supervised and coordinated preparations activities for refinery turnarounds, shutdowns, commissioning of new facilities, start-up, and stabilization
- Coordination and monitoring of catalysts unloading, loading, dry-out, and activation
- Monitor and control utilities and chemicals consumption
- Process upsets troubleshooting, corrective, and optimization actions

Operations Lead / Refinery Operations Engineer

November 2009 – December 2012

Petrotel-LUKOIL, Ploiesti, Romania

- Monitoring and coordination of overall refinery operations and production programs.

Operations Supervisor

June 2007 – August 2007

TolkynNeftegaz, Opornyi, Kazakhstan

3. Education

Intelligent And Integrated Energy Systems: Policy And Management of Modern Energy Systems

March 2025 - Current

TU Delft - Netherlands

The Economics of Energy Transition: Energy Markets of Today

February 2025 - Current

TU Delft - Netherlands

FIDIC Certified Consulting Professional: FIDIC Contracts

October 2023 - Current

FIDIC Academy - Geneva, Switzerland

Master of Laws: Dispute Resolution

January 2021 – June 2023

University of Aberdeen - Aberdeen, UK

Overcoming Resistance in A Negotiation

February 2023 – February 2023

Harvard Law School - Online

Negotiation Strategies

April 2020 – June 2020

Yale School of Management

Oxford Executive Leadership Programme

November 2019 – February 2020

Saïd Business School, University of Oxford

Master of Science: Chemical Engineering

Advanced Technologies in Petroleum Processing

October 2010 – June 2012

Oil And Gas University of Ploiesti - Ploiesti, Romania

Bachelor of Science: Chemical Engineering

Oil Processing and Petrochemistry

October 2006 – June 2010

Oil And Gas University of Ploiesti - Ploiesti, Romania

High School Diploma

September 2002 – May 2005

Science Profile Republican High School - Chisinau, Republic Of Moldova

Technical Courses

- 2014 - Isolation officer (480V), ABB, Saudi Arabia
- 2012 - Crude Oil and Vacuum Distillation, IFP Training, Romania
- 2012 - Hydrotreatment Processes and ULSD + Isomerization, IFP Training, Romania
- 2012 - Cokefaction, IFP Training, Romania
- 2009 - NHT-CCR Process (Internship), Petrotel-LUKOIL , Romania
- 2008 - CDU/VDU Process (Internship), Petrom OMV, Romania

4. Languages

English – Proficient (C2)

Romanian – Proficient (C2)

Russian – Excellent (A1)

Spanish – Good (A1)

French – Average (A1)