



rompetrol

KazMunayGas
International
Group Member

2025

Rompetrol Rafinare S.A.

INVESTMENT BUDGET 2025

Investment program 2025

The investment activity in 2025 will be focused, according to the program, on the following:

- Preparation of the investment package for Shutdown 2026.
- Continuing Fire Fighting program, to create assumptions for providing the necessary operating conditions for firefighting system.
- Manufacturing of high priority heat exchangers, dynamic equipment and ensuring efficient cooling of gaseous fractions converted into gasoline.
- Running refinery at nominal run rate, operate all the units at planned capacity and obtain required quality of products by replacing necessary catalysts.
- Running with the refinery units according to legislation in force, as a result of detailed inspections and obtaining the functioning authorization for the pressurized equipment, pipes and lifting equipment as per Technical Prescription.
- The alignment with the requirements of the European Union, the applicable legislation, as well as safety and security standards.

Total investments planned value for **2025** is **66,473,159 million USD**, following splitting per programs according below table:

USD amount	Plan 2025
Petromidia, from which:	60,865,165
Development	1,907,956
Operational Support	1,688,460
Compliance	14,263,428
Capital maintenance	43,005,321
Vega, from which:	5,607,994
Development	225,211
Compliance	740,958
Capital maintenance	4,641,825
Refinery Total Investments	66,473,159

The main projects which have implemented and/or are in implementation in 2025 in Rompetrol Refinery:

- **Replace Refinery static equipment Program - 2025 Package**

The „Refinery static equipment rehabilitation” program was started to create conditions for operating of the Refinery at maximum capacity of crude oil processed, by ensuring efficient cooling of gaseous fractions converted into gasoline, an improvement of the technological process, higher efficiency and

an increase in quality and production. Main activity of the program was manufacturing and replacement of static equipment for a proper functioning of the refinery units.

Static equipment's replacement - 2025 Package (4 items) planned to be started in 2025 and consist of the following:

- Repair spare tubular section for 100A1/7 and 100A1/8, DAV Unit; repaired tubular sections to be kept as spare.
- Replace tubular bundle for 130S6, RC Unit, including mounting activities, is part of the project scope.
- Replace 313V-S4 plate heat exchanger, SWS Unit, including mounting activities, is part of the project scope.

Project is planned to be finalized in 2026.

○ **Refinery Catalyst Change**

The activities with the objective of changing catalysts in the Petromidia Refinery in Shutdown 2026 consist of replacing the following catalysts:

- Perchloroethylene and annex materials Acquisition for 130 RC Unit
- Catalyst acquisition for 120 V101 from NHT Unit
- Catalyst Acquisition for 120 R1 in NHT Unit
- Catalyst Acquisition for 122-DHT Unit
- Catalyst Acquisition for 352 R301 HPP Unit
- Catalyst Acquisition for 121-KHT Unit
- Replacement of TEPESA Adsorbent in HPN Unit
- Acquisition of the catalyst from 147-MTBE Unit

The procurement process will be started in 2025 with estimated delivery term as Q4 2025, planning to be loaded in Refinery Shutdown 2026.

○ **Expire authorization ISCIR for static equipment (ISCIR 2025-2026)**

Project consists in aligning to legislation requirements in terms of safety functionality of the refinery equipment.

By project implementation, the following benefits are expected:

- Running with the refinery units in safety conditions according to legislation in force, as a result of detailed verifications which will be performed during this evaluation program which will have as a result the technical evaluation of the equipment after specified years of service, as well as repair or elimination of the faults which will appear after the inspections;
- Obtaining the functioning authorization for the pressurized equipment, pipes and lifting equipment as per Technical Prescriptions.

The project is planned to be started in 2025.

○ **Tanks rehabilitation program**

The scope for 2025 includes the rehabilitation of the following tanks:

- A vacuum hydrofined distillate tank with a capacity of 5,000 cubic meters. The inspection and detailed design activities are completed, and construction-related works are planned to be finalized at the beginning of 2026 (**DV21 tank**).
- A diesel tank with a capacity of 10,000 cubic meters. Design and execution-related activities are planned to be performed in 2024 (**C101 tank**), with construction works to be completed by the end of 2025.
- Two tanks with a capacity of 10,000 cubic meters each are planned to start execution for **C99 and M95**, with the engineering stage completed.
- Two semi-finished product tanks of 5,000 cubic meters each will start engineering-related activities (**B8 and B9**).
- The **100T7** crude tank will be finalized in 2025, including cleaning, inspections, and repair activities.

○ **Slow Down 2025 – CX Unit Shut Down**

- The project focuses on key maintenance and upgrade activities across multiple refinery units, including:
 - Catalytic Reforming Unit (130 RC): Catalyst regeneration and associated mechanical works.
 - Delayed Coker Unit (180 CX): Decoking of furnace 180H1 and related activities.
 - Naphtha Hydrotreating Unit (120 HB): Replacement of the 120R1 reactor catalyst.
 - Saturated Gas Plant (135 FG): Mechanical cleaning and maintenance works.

The execution works were performed in March 2025.

○ **Safety package - phase II (sampling systems) - Up-grade sample points in Petromidia Refinery units**

The project aims to execute critical maintenance and upgrade activities across multiple refinery units while being implemented in three distinct phases:

- Phase I – Completed: Detailed Design Engineering (DDE) package development for replacing 96 sampling points in the PEM Refinery Units with new sampling points, as specified.
- Phase II – Completed: Procurement, construction, and installation of tie-ins to integrate the 96 sampling points into utilities and technological flows, following the DDE package from Phase I.
- Phase III – on going: Procurement, construction, and installation of the 96 new sampling points, including bulk material acquisition for connecting pipelines, pipeline execution, sampling point installation, and mounting, in accordance with the DDE package developed in Phase I.

○ **Firefighting Water Main Replacement Program**

The main goal of a fire-fighting system is to prevent, extinguish, localize, or block fires, trying to preserve live, protect property, limit environmental possible negative impact.

Scope of Fire-fighting Water Main Replacement 2025 consists in sections 6 sections T065, T069, T072, T079, T077, T061; construction timeline assumed project completion by March 2026, bringing following benefits:

- Increase the safety level for personnel and assets.
- Increase the level of prevention and protection in case of emergency situations (fire) by providing the necessary operating conditions for firefighting system: 12barg in standby mode and 16barg in case of fire.

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