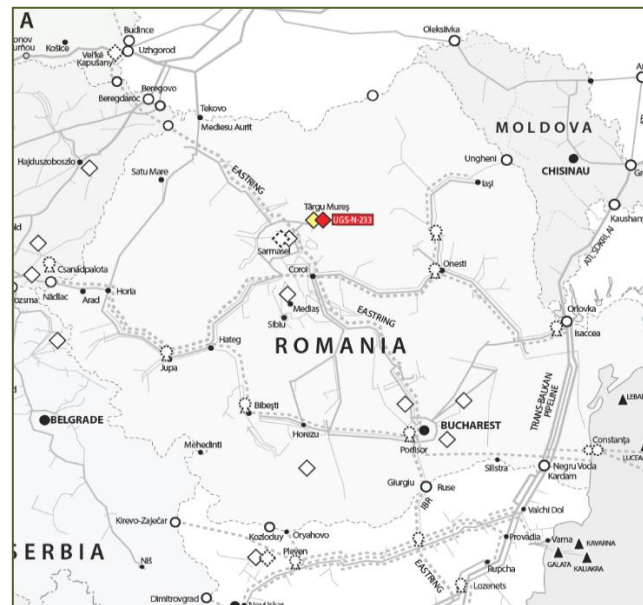


## Brochure Depomures Project of Common Interest (PCI)

|                                    |   |
|------------------------------------|---|
| PCI name:                          | Depomures storage in Romania  |
| Priority corridor:                 | North-South Gas Interconnections in Central Eastern and South-Eastern Europe (“NSI East Gas”) |
| Cluster:                           | Increase storage capacity in South-Eastern Europe   |
| PCI number (5 <sup>th</sup> list): | 6.20.4  |
| Promotor:                          | ENGIE Romania   |
| Operator:                          | DEPOMURES S.A.  |

### Location of the underground gas storage

With a working capacity of 300 million m<sup>3</sup>, the Târgu-Mureş underground gas storage operated by Depomures is currently the fourth largest UGS in Romania (out of a total of 6) and the sole operated by a private operator. It is a depleted natural gas field located in Central Romania, in the Northern part of Transylvanian plateau, South-East of Târgu-Mureş city.



### Project description

In order to develop the storage activity and hence contribute to the overall development of the overall national and regional gas system, Depomures initiated a development project which consists in the revamping and expansion of the existing gas storage facility, aiming to improve the technical conditions for the underground gas storage and implicitly to increase the flexibility of the storage services, particularly in the context of the existing dynamic of the energy market.

The project has been structured in two phases: increase of daily flows up to 3.5 mil. m<sup>3</sup>, together with an increase of the working volume of the storage up to 400 mil. m<sup>3</sup> (**Phase 1**) and a further increase of daily flows up to 5 mil. m<sup>3</sup>, together with an increase of the working volume of the storage up to 600 mil. m<sup>3</sup> (**Phase 2**).

The main objectives of the project are:

- (i) Enhance gas market integration by reducing the infrastructure bottlenecks and increasing interoperability and system flexibility
- (ii) Enhance security of gas supply at national and regional level
- (iii) Contribute to sustainability, in line with the European Green Deal, among others, by its potential to provide quick GHG emissions reduction, supporting the deployment of renewable energy and utilization of green gases.
- (iv) Stimulate competition by increasing gas market liquidity, in line with the needs of market actors

### **Main investment objectives of the PCI and project status**

- Central gas station (compression units, gas dehydration, commercial bidirectional metering panel, other related facilities)
- New gathering pipeline
- Upgrading works on the existing equipment to increase the pressure of the system, new wells

### **Project indicators**

Increase of daily injection / withdrawal capacities (average of approx. 1.6 mil.m<sup>3</sup> → 3.5 mil.m<sup>3</sup> → 5 mil.m<sup>3</sup>)

Increase of storage capacity (300 mil.m<sup>3</sup> → 400 mil.m<sup>3</sup> → 600 mil.m<sup>3</sup>)

### **Tentative planning**

| <b>Development stages</b> | <b>Status / Estimated completion date*</b> |
|---------------------------|--|
| Feasibility study         | Completed                                  |
| Design                    | Completed                                  |
| Permitting (update)       | 2022/2025                                  |
| Procurement               | 2023/2025                                  |
| Construction              | 2024/2026                                  |
| Commissioning             | 2024/2026                                  |

\*The implementation calendar presented above is tentative; the estimated completion dates of different stages are to be updated depending on the FID date.

### **Project status**

The implementation of the first phase of the PCI has been partially completed, a part of the investments being already commissioned (upgrading works to increase the pressure of the storage system to 64 bar, new gathering pipeline, gas dehydration station, connection to TSO high pressure network).

Consequently, to date, the remaining investments for finalizing Phase 1 of Depomures PCI (main objective gas compression station) is in the *Advanced NON-FID* stage.

### **Additional information sources**

European Commission official site

<https://ec.europa.eu/energy/en/topics/infrastructure/projects-common-interest>

Manual on the permitting procedure applicable to Projects of Common Interest, developed in line with the Regulation (EU) No 347 / 2013

<http://energie.gov.ro/wp-content/uploads/2016/09/Manual-procedura-PCI-intreg.pdf>

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