



Draft Follow-up Report on the progress of implementation of the approved TYDP

Reference period
2021-2030

Athens, January 2022





Contents

CHAPTER 1: INTRODUCTION.....	3
CHAPTER 2: PLANNED PROJECTS INCLUDED IN THE DEVELOPMENT PLAN 2021-2030 AND HAVE BEEN COMPLETED	4
CHAPTER 3: PLANNED PROJECTS THAT ARE NOT INCLUDED IN THE DRAFT DEVELOPMENT PLAN 2022-2031	4
ANNEX I.....	5
Follow-up of the implementation progress of the Development Plan 2021-2030	5

Chapter 1: Introduction

According to the provisions of article 93 par. 2 of the Network Code of the Hellenic Gas Transmission System, DESFA monitors the implementation of the current Development Plan and justifies any deviation in the budget and the implementation schedule of each project, evaluates the impact thereof and provides supporting evidence of the measures taken to rectify this, especially for projects where the following have been identified:

A) Deviation of the current Budgeted Project Costs in relation to the budgeted cost of the Project as listed in the approved Development Plan, by an amount that exceeds a minimum of ten percent (10%) of the budget for the project included in the Development Plan, or an amount of two million (€ 2.000.000) Euros.

B) Deviation of the current Project implementation schedule from the project timetable as per the approved Development Plan, which leads to an increase of the total implementation time by ten percent (10%), counted in whole months.

Annex I presents the comparison between the (last) approved Development Plan 2021-2030 and the draft Development Plan 2022-2031 sent with letter no. 139355/20.1.2022, highlights the deviations that exceed the above limits and shows the respective justification.

Furthermore, in article 95 par. 4 of the Network Code of the Hellenic Gas Transmission System, it is mentioned that the Operator monitors separately the implementation progress of the projects included in the Small Projects List. Specifically:

“The Operator must undertake all necessary actions to implement the projects listed in the List of Small Projects, in order to ensure compliance with relevant schedules and the budget for each project. The Development Plan implementation monitoring report, as per article [93], includes a separate section on the monitoring of the implementation of Projects on the Small Projects List whose Start Date falls on a date after the submission of the Draft Development Plan to the RAE, and which also have a Completion Date prior to the next regular submission of the Development Plan to the RAE under article [92].”



There are no projects of the Small Projects List with a Start Date later than the date of submission of the Draft Development Plan 2021-2030 to RAE.

Chapter 2: Planned Projects included in the Development Plan 2021-2030 and have been completed

The following projects that were included in the Development Plan 2021-2030 (RAE Decision 116/2021) have been completed:

- Upgrade of LNG Loading Arms at Revithoussa LNG Terminal
- Increment of the back-up power availability at the Revithoussa LNG terminal
- Replacement of (2) Regulating Valves 24'' Mokveld
- Replacement of two (2) Chiller systems
- Integrated Information System for Natural Gas Upgrade (year 2020)
- Hydraulic Simulation Software of NNGS upgrade in real time

Chapter 3: Planned Projects that are not included in the draft Development Plan 2022-2031

There are no projects in this category.



ANNEX I

Follow-up of the implementation progress of the Development Plan 2021-2030

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
1	Pipeline Nea Mesimvria – Evzonon/ Gevgelija and M Station	51.400.000	67.000.000	(1)	Jun-17	Jun-24	Dec-24	84	90	N/A
<p>(1) The increased CAPEX takes into account the higher material prices/logistics costs, hydrogen compatibility and maturing of design. The timeline of the project is redefined according to the time schedule of the recent cooperation agreement signed between NER and DESFA.</p>										
2	Interconnection of IGB Pipeline with the NNGS in Komotini	350.000	650.000	(2)	Dec-19	Jul-21	Mar-22	19	27	(3)
<p>(2) The increased CAPEX takes into account the higher material prices/logistics costs (3) The project completion is rescheduled as the project has to be aligned with the latest IGB time schedule.</p>										
3	Connection of the FSRU of Alexandroupolis	13.000.000	14.500.000	(4)	Jun-18	Sep-23	Oct-23	63	64	N/A
<p>(4) Finalization of the Basic Design of M/R Station resulted in an increased design pressure of the new M/R Station to 110 barg, as a result of the update of FSRU design. This increased design pressure has impact to the specifications of piping and equipment materials as it is required materials of greater strength than the initial design. The above result in an increase of 1,5 M€ in the capex of the project.</p>										
4	Metering and Regulating Station for connecting with Dioryga Gas FSRU	9.900.000	9.900.000	N/A	Mar-21	2023	Dec-23	33	33	N/A

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
5	M Station at SALFA Ano Liossia	680.000	680.000	N/A	Jun-17	Jun-21	Apr-22	48	58	(5)
<p>(5) The timeline of the project is redefined following the delays for the permitting of the project, from the authorities (Installation License approved on Sep 21).</p>										
6	M/R Station AdG III	2.000.000	2.000.000	N/A	Apr-11	Mar-22	Apr-23	131	144	N/A
7	Connection with DEPA's CNG Station in Komotini	1.300.000	1.300.000	N/A	Mar-18	Mar-23	Dec-24	60	81	(6)
<p>(6) Pending the signing of connection agreement with the User, DESFA had to reschedule the interconnection project.</p>										
8	Connection with DEPA's CNG Station in Tripoli	2.350.000	2.350.000	N/A	Mar-18	Mar-23	Dec-24	60	81	(7)

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
(7) Pending the signing of connection agreement with the User, DESFA had to reschedule the interconnection project.										
9	Connection of Energean Oil & Gas S.A plant to the NNGTS	3.400.000	3.400.000	N/A	Nov-18	Dec-22	Nov-24	49	72	(8)
(8) Pending the signing of connection agreement with the User, DESFA had to reschedule the interconnection project.										
10	Metering Station at Agios Nikolaos Viotia (AdG IV)	1.870.000	1.870.000	N/A	Apr-18	Apr-23	Apr-23	60	60	N/A
11	Connection of ELVAL plant of NNGTS	4.000.000	4.320.000	N/A	Dec-15	Dec-22	Dec-22	84	84	N/A
12	Connection with TERNA Power Plant to the NNTGS	3.220.000	4.950.000	(9)	Jun-20	Dec-22	Jun-23	30	36	(10)

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
<p>(9) Budget increase due to design modifications/ taking into account the higher material prices/logistics costs (10) Pending the signing of connection agreement with the User. Time slippage due to design modifications.</p>										
13	Connection with ELPEDISON Power Plant to the NNTGS	2.160.000	2.910.000	(11)	Jun-20	Nov-22	Dec-23	29	42	(12)
<p>(11) Budget increase due to higher material prices/logistics (12) The Connection Agreement was signed on the 27th of August with an agreed completion date of the Project the Dec-23. DESFA rescheduled the project to meet the connection agreement terms.</p>										
14	Installation of M/R in Kavala	2.010.000	2.400.000	(13)	Oct-12	Sep-21	Feb-22	106	111	N/A
<p>(13) Budget increase due to higher material prices/logistics costs.</p>										
15	M/R Station at the prefecture of Poria	2.000.000	2.200.000	N/A	Dec-19	Oct-22	Jan-23	34	37	N/A

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
16	CNG Station at the prefecture of Poria	1.000.000	1.000.000	N/A	Dec-19	Oct-22	Jan-23	34	37	N/A
17	M/R Station at the prefecture of Aspros	3.000.000	3.000.000	N/A	Dec-19	Oct-22	Jan-23	34	37	N/A
18	M/R Station in the region of Perdikas Eordeas	2.000.000	4.200.000	(14)	Dec-19	Oct-22	Nov-22	34	35	N/A
<p>(14) Budget increase due to update of technical specifications. The initial budget did not include the temporary Perdikka M/R station which will be designed and constructed for temporary use.</p>										
19	MR Station Livadia	1.980.000	2.300.000	(15)	Jul-18	Mar-22	Mar-22	44	44	N/A
<p>(15) Budget increase due to higher material prices/logistics costs.</p>										

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
20	Megalopoli M/R city gate station	2.700.000	2.700.000	N/A	Jun-20	Sep-22	Dec-23	27	42	(16)
(16) The temporary station is completed. The new entry into the system refers to the permanent metering station.										
21	Drimos/Liti M/R city gate station	2.500.000	2.800.000	(17)	Jul-20	Apr-23	Jun-23	33	35	N/A
(17) Budget increase due to higher material prices/logistics.										
22	High Pressure pipeline to West Macedonia	110.000.000	147.000.000	(18)	Jul-20	Sep-23	Sep-23	38	38	N/A
(18) Budget increase due to design modifications, higher material prices/logistics costs, hydrogen compatibility										

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
23	High Pressure Pipeline to Patras	85.000.000	98.000.000	(19)	July-20	Jun-26	Sept-25	71	62	N/A
(19) Budget increase due to higher material prices/logistics costs, hydrogen compatibility.										
24	Korinthos M/R city gate Station	2.000.000	2.200.000	N/A	July-20	Oct-22	Dec-23	27	41	(20)
(20) The timeline of the project is redefined following coordination with the Distribution System Operator who will undertake the development of the distribution network in the city of Korinthos.										
25	Argos/Napflio M/R city gate Station	2.200.000	2.300.000	N/A	July-20	Oct-22	Dec-23	27	41	(21)
(21) The timeline of the project is redefined following coordination with the Distribution System Operator who will undertake the development of the distribution network in the cities of Argos and Nafplio.										



	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
26	Tripoli M/R city gate Station	2.000.000	2.300.000	(22)	Jul-20	Oct-22	Oct-22	27	27	N/A
(22) Budget increase due to higher material prices/logistics costs.										
27	Truck Loading Pilot (first) Station	6.500.000	7.500.000	(23)	Apr-16	Dec-21	May-22	68	73	N/A
(23) Budget increase due to expected construction contingencies for access roads and Almyra's Port upgrade inclusion in the scope.										
28	New jetty for small scale LNG in Revithoussa	20.400.000	22.500.000	(24)	Jun-17	Sep-22	Jan-23	63	67	N/A
(24) The increased CAPEX takes into account the general increase in material prices worldwide.										

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
29	Compression station at Komotini and Regulating Station	15.000.000	20.000.000	(25)	Jul-07	Oct-23	Jan-24	195	198	N/A
(25) Due to relocation and increase in compressor size.										
30	Compressor Station in Ampelia	65.000.000	73.000.000	(26)	Jun-17	Jun-23	Dec-23	72	78	N/A
(26) Budget increase due to higher material prices/logistics costs, and hydrogen compatibility.										
31	Upgrade of Nea Messimvria compression station	17.400.000	18.200.000	N/A	Mar-18	Dec-22	Mar-23	57	60	N/A
32	Booster Compressor for TAP in Nea Mesimvria	30.000.000	36.900.000	(27)	Dec-19	Jun-23	Dec-23	42	48	(28)



	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
(27) Budget increase due to design maturing, higher material prices, hydrogen compatibility. (28) Timeline deviation due to update of Basic Design.										
33	Upgrade of SCADA in dispatching centers	1.900.000	1.900.000	N/A	May-10	Jun-21	Jan-22	133	140	N/A
34	Design, supply, installation of a system for the daily gas flow	242.000	242.000	N/A	May-10	Sep-21	Jun-22	136	145	N/A
35	LNG Terminal Boil-off Gas Compressor Station	11.600.000	13.850.000	(29)	Apr-16	Dec-22	Jul-23	80	87	N/A
(29) The increased CAPEX takes into account the higher raw material prices/logistics costs and expected increased construction contingencies.										
36	Upgrade of electrical switches for medium voltage and internal lighting in the control room of LNG facility	1.000.000	1.000.000	N/A	Jun-17	Dec-21	Dec-22	54	66	(30)



	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
(30) The project was postponed due to covid situation and unavailability of provider										
37	Upgrade of Geographical Information System (GIS)	100.000	100.000	N/A	Jun-17	Jul-21	Apr-22	49	58	(31)
(31) Timeline deviation due to update of the Technical Requirements of the System										
38	Upgrade of physical protection of DESFA facilities - Physical Safety Control Center	1.200.000	1.200.000	N/A	Jun-17	Dec-21	Apr-22	54	58	N/A
39	Replacement of Metering and control systems on M/R stations of NNGTS	4.500.000	4.500.000	N/A	Jun-17	Oct-22	Sep-23	64	75	(32)
(32) Timeline deviation due to the delay on the tendering procedure of EPC contract.										



	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
40	New building for DESFA's headquarters	11.000.000	16.845.520	(33)	Jun-17	Dec-22	Jun-23	66	72	N/A
(33) Budget increase due to higher material cost due to building upgrade to LEED category.										
41	Technical Training Centre in Nea Messimvria	1.600.000	1.600.000	N/A	Jun-17	Dec-21	Apr-22	54	58	N/A
42	NNGS Modernization projects- 4th Compilation	491.880	170.000	(34)	Jun-19	Jul-21	Dec-22	27	42	N/A
(34) Two subprojects were completed, replacement of (2) Regulating Valves 24" Mokveld and replacement of two (2) Chiller systems										
43	Upgrade of LNG and O &M Facilities for energy saving	2.000.000	2.000.000	N/A	Dec-19	Dec-21	Dec-22	24	36	(35)
(35) Timeline deviation due to modifications to the initial design of the Project										

	Project	Budget TYDP 2021-2030	Current Budget (TYDP 2022-2031)	Justification of deviation	Start Date	Date of Entry in the system TYDP 2021-2030	New Entry in the System	Project's duration (months)	New Project's duration (months)	Justification of deviation
44	Cathodic Protection System Upgrading	2.000.000	2.000.000	N/A	Jul-19	Jan-23	Jan-23	43	43	N/A
45	IT Transformation	7.000.000	7.700.000	N/A	Sep-19	Jan-23	Jan-23	40	40	N/A
46	Upgrade of LNG Facilities	270.000	360.000	(36)	Jun-20	Oct-21	Oct-22	16	28	(37)
(36-37) The budget is increased due to updated scope of work. Rescheduling due to covid and unavailability of suppliers										
47	M/R Station for connecting South Kavala UGS	7.500.000	7.500.000	N/A	N/A	The project is under maturity and is not included in the 3-years development period				
48	Construction of high-pressure pipeline Mavromati (Vagia) - Larymna and the necessary Metering Station for the connection of LARCO GMM SA with NNGS	17.500.000	17.500.000	N/A	Jun-13	The project is under maturity and is not included in the 3-years development period				