



European  
Commission  
European Climate,  
Infrastructure and  
Environment  
Executive Agency  
(CINEA)

Connecting Europe  
Facility

# ASR-2023-2014-EU-TM-0401-M- Cross Border Section of the New Lyon-Turin Rail Link Mont Cenis Base Tunnel (TBM)

Reporting period: 1 January 2022 -  
31 December 2022

## 1. INFORMATION ON THE ACTION

Grant Agreement N°	INEA/CEF/TRAN/M2014/1057372
Action number	2014-EU-TM-0401-M
Action title	Cross Border Section of the New Lyon-Turin Rail Link Mont Cenis Base Tunnel (TBM)
PCI (for energy and synergy only)	

## Author of the report

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## 2. INFORMATION ON THE PROGRESS OF THE ACTION (GA II.23.1.1.c or SESAR FPA II.23.1b.c)

### 2.1. Overall progress of the Action until the end of the previous reporting period

Planned dates (GA)		Previous ASR dates		Actual dates		Overall technical progress achieved at the end of the previous reporting period (%)*
Start	End	Start	End	Start	End	
01/01/2014		01/01/2014		01/01/2014		87.00
*Please explain how the percentage of the progress achieved has been estimated/calculated						
Calculated according to Annex III of the "Guidance for poor or partial completion": $SUM(\text{Technical Progress Per Activity Per Year} * (\text{GA EU Contribution Per Activity} / \text{Total GA EU Contribution}))$ .						

### Overview of progress since the start of the Action

*The overview should include a description of the actual progress of the Action and per activity since the start of the Action until at the end of the previous reporting period, referring to the main issues, milestones and events that affected the progress.*

See also ANNEX 2.1

With the start of the Avrieux shafts in the autumn, the excavation of both even and odd-numbered tubes from the Saint Julien Montdenis mouth of the France side base tunnel and the advancement in the direction of Susa of the odd-numbered tube from the Modane safety site (consultations on the Italian lot CO-03/04 and the two enhancement lots CO-10 and CO-11 are underway), annual production (1,299 linear metres underground) has more than doubled compared to the 545 metres in 2021, an increase of +138%.

To these are still to be added:

=> 11 metres in January bore of the reduced section in the houiller of SMP-4,

=> 125 metres of bore for the extension of 7 pitches in the La Praz houiller to improve traffic conditions,  
=> 130 metres of bore of the final branch of the Villarodin-Bourget/modane descent, for the connection of the large transverse technical cavern,  
=> 275 metres of widening of the Maddalena exploratory tunnel, for the excavation of 6 interchange niches,  
or an effective total of 1,840 metres.

It should be noted that an average of 6 excavation fronts were worked in 2022, from all 5 sites of the Mont Cenis Base Tunnel, with a maximum in November and December of 8 simultaneous advancement fronts between the two sides of the border.

## 2.2. Progress per activity

Activity 1	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	TELT Administrative costs for studies	01/01/2016	31/12/2017	01/01/2016	31/12/2017	01/01/2016	31/12/2017	100.00
*Please explain how the percentage of the progress achieved has been estimated/calculated								
Activity was completed in 2017 so the cumulative technical progress was reached								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
■	Approval of the 2016 accounts of TELT	31/12/2016		31/12/2016	31/12/2016	Yes		
Explanation for any deviation from planned completion date								
■	Approval of the 2017 accounts of TELT	31/12/2017		31/12/2017	31/12/2017	Yes		

<b>Explanation for any deviation from planned completion date</b>

Activity 2	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Monitoring and follow-up of the descending shafts	01/01/2016	31/12/2021	01/01/2016	01/04/2022	01/01/2016	31/12/2021	100.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
■	Production of monitoring reports in 2019	31/12/2019		31/12/2019	31/12/2019	Yes		
<b>Explanation for any deviation from planned completion date</b>								
■	Production of monitoring reports in 2020	31/12/2020		31/12/2020	31/12/2020	Yes		
<b>Explanation for any deviation from planned completion date</b>								
■	Production of monitoring reports in 2021	31/12/2021		01/04/2022	01/01/2016	Yes		

**Explanation for any deviation from planned completion date**

TELT needs 3 months to produce the december report



Activity 3	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	La Maddalena exploratory activities	01/01/2016	31/12/2022	01/01/2016	31/12/2021	01/01/2016	31/12/2021	100.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Completion of the first part of La Maddalena gallery contract	26/08/2016		26/08/2016		26/08/2016		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	End of activities	31/12/2019		31/12/2019		31/12/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

Activity 4	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Exploratory activities from the foot of the Saint-Martin-la-Porte access tunnels	01/01/2016	██████████	01/01/2016	██████████	01/01/2016	██████████	100.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Start of geological investigations with TBM at Saint Martin la Porte gallery (part 2) at Saint Martin la Porte gallery (part 2)	07/09/2016		07/09/2016		07/09/2016		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Completion of the SMP investigation by	15/09/2019		15/09/2019		15/09/2019		Yes

	Completion of the SMP investigation by by TBM (part 2)				
<b>Explanation for any deviation from planned completion date</b>					
■	Breakthrough P2	15/09/2019	15/09/2019	15/09/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Start "contre-attaque" part 3b	31/12/2019	31/12/2019	31/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Part. 3b – 400 m before breakthrough	01/07/2020	01/07/2020	01/07/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Part. 3b – 700 m before breakthrough	31/03/2021	31/03/2021	31/03/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
The reasons for the delays of several months on this section are due to the combined effects of the COVID-19 pandemic and the geological difficulties encountered during excavation, which led to an adaptation of the planned construction methods.					
■	Completion of Saint Martin La Porte exploratory tunnel	28/04/2022	31/05/2022	30/09/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
The reasons for the delays of several months on this section are due to the combined effects of the COVID-19 pandemic and the geological difficulties encountered during excavation, which led to an adaptation of the planned construction methods.					
■	Completion of Saint Martin La Porte exploratory tunnel testing activities	31/12/2022	31/12/2022	31/12/2022	Yes

<b>Explanation for any deviation from planned completion date</b>

Activity 5	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Final modifications of the reference design	01/01/2016	31/12/2020	01/01/2016	31/12/2020	01/01/2016	31/12/2022	100.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
■	Completion of the modified reference project	31/12/2019		31/12/2019	31/12/2019	Yes		
<b>Explanation for any deviation from planned completion date</b>								

Activity 6	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	TELT Administrative costs for works	01/01/2018	██████████	01/01/2018	30/04/2023	01/01/2018	██████████	90.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Approval of the 2019 TELT accounts	01/04/2019		23/04/2020		23/04/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
The 2019 TELT Accounts have been approved on April 2020, the 23rd								
■	Approval of the 2020 TELT accounts	23/04/2021		23/04/2021		23/04/2021		Yes
<b>Explanation for any deviation from planned completion date</b>								
Small delay								
■	Approval of the 2021 TELT accounts	20/04/2022		30/04/2022		20/04/2022		Yes

Explanation for any deviation from planned completion date					
Small delay					
■	Approval of the 2022 TELT accounts	01/04/2023	30/04/2023	19/04/2023	No
Explanation for any deviation from planned completion date					
Date of Board of director meeting					
■	Signature of the Conventions	12/03/2020	12/03/2020	12/03/2020	Yes
Explanation for any deviation from planned completion date					
The Conventions have been signed before the estimated date.					
■	Signature of the "Contratto di Programma" TELT	21/05/2021	21/05/2021	21/05/2021	Yes
Explanation for any deviation from planned completion date					
small delay					
■	Signature of the Conventions	19/02/2021	19/02/2021	19/02/2021	Yes
Explanation for any deviation from planned completion date					
The Conventions be signed before the estimated date.					
■	Signature of the agreement with for activity 10 (Chiomonte Interchange, o.w.4C)	31/12/2019	31/12/2019	31/12/2019	Yes
Explanation for any deviation from planned completion date					
■	Signature of the agreement with for activity 11 (New Autoport o.w.2C)	06/08/2020	06/08/2020	06/08/2020	Yes
Explanation for any deviation from planned completion date					

NS					
■	Signature of the agreement with ■ (final design) for activity 12 (New "Safe driving" track, o.w. 2D)	28/02/2019	28/02/2019	28/02/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					



Activity 7	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Release of the land acquired for public purposes and demolitions	01/01/2014	██████████	01/01/2014	██████████	01/01/2014	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Start of works for demolition	15/01/2019		15/01/2019		15/01/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Temporary occupations of areas in sites of Chiomonte-Giaglione (phase 1)	22/06/2020		22/06/2020		22/06/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								

NS					
■	Temporary occupations of areas in sites of Chiomonte-Giaglione (phase 2), Torrazza Piemonte, Salbertrand	31/12/2021	31/12/2022	■■■■■■	No
<b>Explanation for any deviation from planned completion date</b>					
The delay is due to the rescheduling of the activity due to unpredictable events such as the covid pandemic crisis, the Ukraine war, which led also to important shortage of materials					
■	End of demolitions works phase 1, 2 and 3	30/04/2021	30/04/2021	30/04/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of demolitions works phase 4	■■■■■■	■■■■■■	■■■■■■	No
<b>Explanation for any deviation from planned completion date</b>					
The delay is due to the rescheduling of the activity due to unpredictable events such as the covid pandemic crisis, the Ukraine war, which led also to important shortage of materials					

Activity 8	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Utilities diversions in France	01/01/2016	██████████	01/01/2016	31/03/2023	01/01/2016	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
■	Finalising works agreements 1	27/12/2016		27/12/2016	27/12/2016	Yes		
<b>Explanation for any deviation from planned completion date</b>								
■	Start of works on the deviation	15/07/2019		15/07/2019	15/07/2019	Yes		
<b>Explanation for any deviation from planned completion date</b>								
■	Progress in utilities diversions 2020	31/12/2020		31/12/2020	31/12/2020	Yes		

Explanation for any deviation from planned completion date					
■	Progress in utilities diversions 2021	31/12/2021	01/03/2022	01/03/2022	Yes
Explanation for any deviation from planned completion date					
TELT REPORT					
■	Progress in utilities diversions 2022	31/12/2022	01/03/2023	31/12/2022	Yes
Explanation for any deviation from planned completion date					

Activity 9	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Utilities diversions in Italy	01/01/2017	██████████	01/01/2019	██████████	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Finalising works agreements 3,10	31/12/2019		31/12/2019		31/12/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Start of works on the deviation	31/05/2019		31/12/2020		31/12/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
Delay in comparison with the planned GA date								
■	End of works on the deviation	██████████		██████████		01/01/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

Dummy date. This milestone cannot be achieved within the timeframe of the action.					
■	Progress in utilities diversions 2020	31/12/2020	31/12/2020	31/12/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Progress in utilities diversions 2021	31/12/2021	01/03/2022	01/03/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
Report produced with three months from year end					
■	Progress in utilities diversions 2022	31/12/2022	31/12/2022	01/03/2023	Yes
<b>Explanation for any deviation from planned completion date</b>					
Report produced with three months from year end					

Activity 10	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Chiomonte Interchange	01/01/2017	██████████	01/01/2017	██████████	01/01/2017	██████████	80.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Tender publication	20/11/2019		20/11/2019		20/11/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Start of evaluation of applicants qualification	19/02/2020		19/02/2020		19/02/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
NS								
■	Start of construction work for the Chiomonte Interchange	22/06/2020		22/06/2020		22/06/2020		Yes

Explanation for any deviation from planned completion date					
NS					
■	Foundation construction - end of activities	■■■■■■■■■■	31/01/2023	■■■■■■■■■■	No
Explanation for any deviation from planned completion date					
■	End of widening activities for viaduct Clarea (track side Torino)	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	No
Explanation for any deviation from planned completion date					
Delay due to longer procedures in the preparation of the construction site					



Activity 11	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Relocation of A32 Autoport	01/01/2017	██████████	01/01/2017	██████████	01/07/2017	██████████	80.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Tender publication	29/01/2020		29/01/2020		29/01/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Start of construction works for the new Autoport	13/04/2021		13/04/2021		13/04/2021		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Start of building ██████████ PCC (civil work -operation control building)	01/11/2022		30/12/2022		██████████		No

Explanation for any deviation from planned completion date					
The delay is due to the rescheduling of the activity due to unpredictable events such as the covid pandemic crisis, the Ukraine war, which led also to important shortage of materials.					
■	End of civil works ■ PCC (except finishing works)	■	■	■	No
Explanation for any deviation from planned completion date					
The delay is due to the rescheduling of the activity due to unpredictable events such as the covid pandemic crisis, the Ukraine war, which led also to important shortage of materials.					

Activity 12	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Relocation of ██████ « safe driving » track	01/01/2017	██████	01/01/2017	31/03/2023	01/01/2017	██████	90.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
█	Delivery of the final project by ██████	27/05/2019		27/05/2019	27/05/2019	Yes		
<b>Explanation for any deviation from planned completion date</b>								
█	Send New Project to ██████	31/08/2022		31/03/2022	22/12/2022	Yes		
<b>Explanation for any deviation from planned completion date</b>								
This delay is also due to the difficulties in the supply chain of raw materials and the indiscriminate rise of prices due to the Russian-Ukrainian crisis that led to two revisions of the economic framework of the project (in March and July). In December, price rises stabilised thus it was possible to submit the project for its approval								
█	Agreement signature for detailed design execution	31/03/2023		31/03/2023	██████	No		

**Explanation for any deviation from planned completion date**

Delay due to the above mentioned situation ( [REDACTED] )

Activity 13	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Interconnection tunnel Susa-Bussoleno	01/10/2017	██████████	01/10/2017	██████████	01/10/2017	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Tender for PMC assistance contract	10/04/2019		10/04/2019		10/04/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Closure of the tender (receipt of candidatures)	24/05/2019		24/05/2019		24/05/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Approval of contract award from TELT Board	15/12/2021		15/12/2021		15/12/2021		Yes

Explanation for any deviation from planned completion date					
■	Tender for main works	■■■■■■■■■■	01/02/2023	■■■■■■■■■■	No
Explanation for any deviation from planned completion date					
Slightly anticipated					
■	Proposal of contract award sent to Contracts Commission	■■■■■■■■■■	■■■■■■■■■■	01/10/2017	Yes
Explanation for any deviation from planned completion date					
Dummy date. This milestone cannot be achieved within the timeframe of the action.					

Activity 14	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Electric connection Susa-Venaus	01/10/2017	██████████	01/10/2017	██████████	01/10/2017	31/12/2022	75.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Signature of agreement with ██████	31/12/2019		31/12/2019		31/12/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Final design approval by TELT	31/03/2020		31/03/2020		31/03/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
NS								
■	Completion of works for electrical power supply for Chiomonte	██████████		██████████		01/10/2017		Yes

**Explanation for any deviation from planned completion date**

Dummy date. This milestone cannot be achieved within the timeframe of the action. Works for electrical power supply for Chiomonte not necessary at this stage



Activity 15	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Avrieux shafts	01/01/2016	██████████	01/01/2016	██████████	01/01/2016	██████████	85.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Tender notice publication for the civil works	30/03/2018		30/03/2018		30/03/2018		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Receipt of technical and financial bids from selected candidates	31/01/2019		31/01/2019		31/01/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Proposal of contract award to Contracts Commission	07/03/2020		07/03/2020		07/03/2020		Yes

<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Approval of contract award from TELT Board	07/05/2020	07/05/2020	07/05/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
The Contracts Committee did not produce its judgement for the TELT Board of Directors meeting of 23 April. A new TELT Board has been set for May, the 7th.					
■	Start of works on worksite	27/08/2020	27/08/2020	27/08/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
Signature of order form for the start of work on 25/08/2020					
■	Start of excavation of shafts (P1)	01/10/2022	12/10/2022	06/10/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
The updated start of excavation of shafts (P1) on 06/10/2022 corresponded to the to the actual start date of the wells, slightly anticipated compared to the forecasts date of 12/10/2022					
■	Start of excavation of shafts (P3)	■■■■■■	31/01/2023	10/12/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
The updated start of excavation of shafts (P3) on 10/12/2022 corresponded to the to the actual start date of the wells, slightly anticipated compared to the forecasts date of 31/01/2023					
■	End of excavation of shafts	■■■■■■	■■■■■■	■■■■■■	No
<b>Explanation for any deviation from planned completion date</b>					
Update of works plan due to the actual progress observed have resulted a 25-day lap interval					

Activity 16	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Villard Clément cut and cover	01/10/2017	██████████	01/10/2017	31/01/2022	01/10/2017	██████████	100.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Signature of the contract	28/01/2019		28/01/2019		28/01/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Start of work on worksite	28/02/2019		28/02/2019		28/02/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Temporary shift of RD 1006 (departmental road with national stakes)	09/08/2019		09/08/2019		09/08/2019		Yes

Explanation for any deviation from planned completion date					
■	Temporary shift of Highway A43	31/10/2019	31/10/2019	31/10/2019	Yes
Explanation for any deviation from planned completion date					
■	End of construction plots 1, 2, 3 box shaped underpass	08/09/2020	08/09/2020	08/09/2020	Yes
Explanation for any deviation from planned completion date					
"the slippage is due to suspensive and/or slowing down of activities related to the health emergency COVID19. the current delay has no impact on the final completion date of the work (december 2021)					
■	End of works	30/11/2022	30/11/2021	30/11/2021	Yes
Explanation for any deviation from planned completion date					
ns					

Activity 17	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Electric connection for French worksites	01/01/2016	██████████	01/01/2016	31/01/2023	01/01/2016	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
<p>The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.</p>								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
■	██████████ (63/20KV) Finalizing studies and works agreement 1	01/01/2017		01/01/2017	01/01/2017	Yes		
<b>Explanation for any deviation from planned completion date</b>								
■	██████████ (63/20KV) Start of works/studies	01/11/2020		01/11/2020	01/11/2020	Yes		
<b>Explanation for any deviation from planned completion date</b>								

■	■ (63/20KV) material ordered	31/12/2020	31/12/2020	31/12/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	■ (63/20KV) building completed and delivered	■	30/11/2022	31/12/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
Slight anticipation					
■	■ (63/20KV) End of works/studies	■	31/12/2022	■	No
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	■ St Jean de Maurienne and Villargondran Finalizing studies and works agreements 6	11/07/2017	11/07/2017	11/07/2017	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	■ St Jean de Maurienne and Villargondran Start of works/studies	01/01/2018	01/01/2018	01/01/2018	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	■ St Jean de Maurienne and Villargondran – signature of connection agreement	30/06/2020	30/06/2020	30/06/2020	Yes

Explanation for any deviation from planned completion date					
NS					
■	■ St Jean de Maurienne and Villargondran Start of Works	02/05/2020	02/05/2020	02/05/2020	Yes
Explanation for any deviation from planned completion date					
NS					
■	■ at Saint-Julien-Montdenis- start of trenching in l'Arc	02/05/2020	02/05/2020	02/05/2020	Yes
Explanation for any deviation from planned completion date					
NS					
■	■ at Saint-Julien-Montdenis – start of cables laying	30/09/2022	30/09/2022	30/09/2022	Yes
Explanation for any deviation from planned completion date					
■	■ St Jean de Maurienne and Villargondran End of works/studies	■	01/05/2022	31/12/2022	Yes
Explanation for any deviation from planned completion date					
Slight anticipation					
■	■ at Saint-Julien-Montdenis Finalizing studies and works agreements 5	29/06/2020	18/02/2019	18/02/2019	Yes
Explanation for any deviation from planned completion date					
NS					
■	■ at Saint-Julien-Montdenis Start of	30/07/2020	29/06/2020	29/06/2020	Yes

	works/studies				
<b>Explanation for any deviation from planned completion date</b>					
Inverton with [REDACTED]					
[REDACTED]	[REDACTED] at Saint-Julien-Montdenis- orders for materials	29/06/2020	30/07/2020	30/07/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
Inverton with [REDACTED]					
[REDACTED]	[REDACTED] at Saint-Julien-Montdenis – commissioning of [REDACTED] installations	30/09/2022	31/05/2022	30/09/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
[REDACTED]	[REDACTED] at Saint-Julien Montdenis - End of work	[REDACTED]	31/12/2022	[REDACTED]	No
<b>Explanation for any deviation from planned completion date</b>					
Delay by [REDACTED] (MOA) due to the works of [REDACTED] - [REDACTED] which have been delayed					



Activity 18	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Main civil works until 31/12/2018	01/01/2017	31/12/2018	01/01/2017	31/12/2018	01/01/2017	31/12/2018	100.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date	Reached (Y/N)		
■	Signature Convention ■ ■ (financing agreement for design Phase 2 to 5 and preparation of tenders)	31/12/2018		12/06/2018	31/12/2018	Yes		
<b>Explanation for any deviation from planned completion date</b>								

Activity 19	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Civil works in Susa plain (o.w.2A)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
■	Tender for PMC assistance contract	10/04/2019		10/04/2019		10/04/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	Closure of the tender (receipt of candidatures)	24/05/2019		24/05/2019		24/05/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
■	DCE sent to selected candidates	21/04/2020		21/04/2020		21/04/2020		Yes

<b>Explanation for any deviation from planned completion date</b>					
■	Approval of contract award from TELT Board	15/12/2021	15/12/2021	15/12/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	PMC contract award	06/04/2022	18/02/2022	18/02/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Tender for main works	██████████	01/02/2023	██████████	No
<b>Explanation for any deviation from planned completion date</b>					
■	DCE sent to candidates	██████████	██████████	01/01/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
Dummy date. This milestone cannot be achieved within the timeframe of the action.					
■	Proposal of contract award sent to Contracts Commission	██████████	██████████	01/01/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
Dummy date. This milestone cannot be achieved within the timeframe of the action.					

Activity 20	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Info point Henry Barrack (o.w. 2E)	01/01/2019	██████████	01/01/2019	01/06/2022	01/01/2019	██████████	90.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Tender for PMC assistance contract Henry Barrack	07/02/2020		07/02/2020		07/02/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	1st order to PMC	01/10/2020		01/10/2020		01/10/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
NS								
████	Tender for HSE assistance contract Henry Barrack	29/02/2020		29/05/2020		29/05/2020		Yes

<b>Explanation for any deviation from planned completion date</b>					
NS					
█	1st order to HSE	24/11/2020	24/11/2020	24/11/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
█	Tender for main works	31/03/2023	01/06/2022	█	No
<b>Explanation for any deviation from planned completion date</b>					
the delay is due to the complete rescheduling of the activity following unpredictable events due to post covid, war in Ukraine, shortage of materials and indiscriminate increase in costs.					

Activity 21	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Maddalena-Susa (o.w. 3-4)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████	70.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Proposal of contract award sent to Contracts Commission	16/05/2019		16/05/2019		16/05/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Reply from the Contract Commission	02/07/2019		02/07/2019		02/07/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Approval of contract award from TELT	25/06/2019		25/06/2019		25/06/2019		Yes

Explanation for any deviation from planned completion date					
■	PMC contract award	18/10/2019	18/10/2019	18/10/2019	Yes
Explanation for any deviation from planned completion date					
■	Main works Tender notice publication	28/06/2019	28/06/2019	28/06/2019	Yes
Explanation for any deviation from planned completion date					
ns					
■	Closure of the tender (receipt of candidatures)	25/09/2019	25/09/2019	25/09/2019	Yes
Explanation for any deviation from planned completion date					
■	DCE sent to selected candidates	15/10/2021	15/10/2021	15/10/2021	Yes
Explanation for any deviation from planned completion date					
NS					
■	Main works contract award	■■■■■■■■■■	09/04/2023	■■■■■■■■■■	No
Explanation for any deviation from planned completion date					
negotiation with candidates longer than expected					
■	Order for TBM 1	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	No
Explanation for any deviation from planned completion date					
negotiation with candidates longer than expected					
■	Set up of TBMs in supplier's factory	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	No

**Explanation for any deviation from planned completion date**

negotiation with candidates longer than expected and tension on TBM suppliers market



Activity 22	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Maddalena interconnecting Niches (o.w. 4A)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████	85.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	DCE sent to selected candidates	25/04/2019		25/04/2019		25/04/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Receipt of technical and financial bids from selected candidates	05/07/2019		05/07/2019		05/07/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

■	Proposal of contract award sent to Contracts Commission	15/10/2019	15/10/2019	15/10/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Reply from the Contract Commission	04/12/2019	04/12/2019	04/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Approval of contract award from TELT Board	12/12/2019	12/12/2019	12/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Contract award (by urgency anti-mafia procedure)	08/01/2020	08/01/2020	08/01/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
Christmas holidays					
■	1st Order to contractor	17/02/2020	17/02/2020	17/02/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Send project to ministries to validation	29/05/2020	29/05/2020	29/05/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Ministries Approval and start of works	17/12/2020	17/12/2020	17/12/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					

NS					
■	End of excavation of 1st 5 niches	15/12/2021	15/12/2021	15/12/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of niches excavation (22 niches)	■	■	■	No
<b>Explanation for any deviation from planned completion date</b>					
the delay is due to the rescheduling of the activity following unpredictable events due to post covid, war in Ukraine, shortage of materials and indiscriminate increase in costs					
■	End of works (niches excavation, 1st phase lining, etc.)	■	■	■	No
<b>Explanation for any deviation from planned completion date</b>					
the delay is due to the rescheduling of the activity following unpredictable events due to post covid, war in Ukraine, shortage of materials and indiscriminate increase in costs					

Activity 23	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Modane and Maddalena (o.w.5)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████	72.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date	Actual completion date		Reached (Y/N)	
████	Tender notice publication for the civil works	12/03/2019		12/03/2019	12/03/2019		Yes	
<b>Explanation for any deviation from planned completion date</b>								
████	Closure of the tender (receipt of candidatures)	28/05/2019		28/05/2019	28/05/2019		Yes	
<b>Explanation for any deviation from planned completion date</b>								

■	DCE sent to selected candidates	12/12/2019	12/12/2019	12/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
ns					
■	Receipt of technical and financial bids from selected candidates	18/06/2020	18/06/2020	18/06/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Proposal of contract award sent to Contracts Commission	24/02/2021	24/02/2021	24/02/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
the slippage is due to suspensive and/or slowing down of activities related to the health emergency COVID19.					
■	Reply from the Contract Commission	28/05/2021	28/05/2021	28/05/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
the slippage is due to suspensive and/or slowing down of activities related to the health emergency COVID19.					
■	Approval of contract award from TELT Board	07/07/2021	07/07/2021	07/07/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
the slippage is due to suspensive and/or slowing down of activities related to the health emergency COVID19.					
■	Signature of the contract	09/09/2021	09/09/2021	09/09/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
the slippage is due to suspensive and/or slowing down of activities related to the health emergency COVID19.					
■	Order of TBM1 & TBM2	31/12/2022	31/03/2023	17/12/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					

Management decision to anticipate the order					
█	Set up of TBMs in supplier's factory	█	█	█	No
<b>Explanation for any deviation from planned completion date</b>					
█	Set up of WURM in supplier's factory	█	█	01/01/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
Order of WURM will be made in current █ however the set up in supplier's factory is expected in █					

Activity 24	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		La Praz-Modane (o.w. 6)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Tender notice publication for the civil works	12/03/2019		12/03/2019		12/03/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Closure of the tender (receipt of candidatures)	28/05/2019		28/05/2019		28/05/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	DCE sent to selected	12/12/2019		12/12/2019		12/12/2019		Yes

	candidates				
<b>Explanation for any deviation from planned completion date</b>					
ns					
■	Receipt of technical and financial bids from selected candidates	29/06/2020	29/06/2020	29/06/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Proposal of contract award sent to Contracts Commission	11/03/2021	11/03/2021	11/03/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Reply from the Contract Commission	28/05/2021	28/05/2021	28/05/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Approval of contract award from TELT Board	07/07/2021	07/07/2021	07/07/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Signature of the contract	09/09/2021	09/09/2021	09/09/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Order of TBMs	31/07/2022	01/07/2022	16/08/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					



Administrative delay					
█	Set up of TBMs in supplier's factory	31/12/2022	█	█	No
<b>Explanation for any deviation from planned completion date</b>					
tension on TBM suppliers's market					
█	End of access adit tunnel gallery and Excavation of technical cavern	18/01/2023	30/04/2023	█	No
<b>Explanation for any deviation from planned completion date</b>					
Difficulties expected with TBM order and set up					

Activity 25	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		St Martin la Porte-La Praz (o.w.7)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
<p>The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.</p>								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Tender notice publication for the civil works	12/03/2019		12/03/2019		12/03/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Closure of the tender (receipt of candidatures)	28/05/2019		28/05/2019		28/05/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

■	DCE sent to selected candidates	12/12/2019	12/12/2019	12/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
ns					
■	Receipt of technical and financial bids from selected candidates	29/06/2020	29/06/2020	29/06/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Proposal of contract award sent to Contracts Commission	11/03/2021	11/03/2021	11/03/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Reply from the Contract Commission	28/05/2021	28/05/2021	28/05/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Approval of contract award from TELT Board	07/07/2021	07/07/2021	07/07/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Signature of the contract	09/09/2021	09/09/2021	09/09/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Order of TBM	31/07/2022	01/07/2022	16/08/2022	Yes

Explanation for any deviation from planned completion date					
Administrative delay					
■	Set up of TBM in supplier's factory	■	■	■	No
Explanation for any deviation from planned completion date					
NS					

Activity 26	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	St Julien Montdenis (West entrance)-Saint Martin la Porte (o.w. 8)	01/03/2019	██████████	01/03/2019	██████████	01/03/2019	██████████	80.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Tender notice publication for the civil works	12/03/2019	██████████	12/03/2019	██████████	12/03/2019	██████████	Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Closure of the tender (receipt of candidatures)	28/05/2019	██████████	28/05/2019	██████████	28/05/2019	██████████	Yes
<b>Explanation for any deviation from planned completion date</b>								

■	DCE sent to selected candidates	12/12/2019	12/12/2019	12/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
ns					
■	Receipt of technical and financial bids from selected candidates	29/06/2020	08/06/2020	08/06/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Proposal of contract award sent to Contracts Commission	11/03/2021	26/01/2021	26/01/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Reply from the Contract Commission	28/05/2021	28/05/2021	28/05/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Approval of contract award from TELT Board	07/07/2021	07/07/2021	07/07/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Signature of the contract	09/09/2021	09/09/2021	09/09/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Start of works	18/10/2021	18/10/2021	18/10/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					

NS					
█	Start of excavation conventional tunneling	18/11/2022	18/11/2022	05/12/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
Administrative delay					
█	Conventional excavation, at least 300 m for each tube reached by excavation conventional tunneling	█	█	█	No
<b>Explanation for any deviation from planned completion date</b>					
Geological difficulties are being expected					

Activity 27	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	St Jean de Maurienne ( ) (o.w. 9B)	01/01/2018		01/01/2018		01/01/2018		80.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
	Signature Convention (financing agreement for payment of works and management of works)	23/07/2018		23/07/2018		23/07/2018		Yes
<b>Explanation for any deviation from planned completion date</b>								
NS								
	End of construction Earthworks Saint Avre	27/11/2020		27/11/2020		27/11/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								



NS					
■	End of construction "PAI" Saint Avre	07/12/2020	07/12/2020	07/12/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of construction Railway Equipment	15/11/2021	15/11/2021	15/11/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Transfer activity logistics	■	■	■	No
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Building authorization "silos"	09/09/2021	09/09/2021	09/09/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of construction Earthworks Hermillon	■	28/02/2022	28/02/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
Faster than expected legal procedure. New plan indicated by ■ ■					
■	End of construction PAI Hermillon	04/02/2021	04/02/2021	04/02/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of construction Rail equipment	■	01/06/2022	■	No

Explanation for any deviation from planned completion date					
As per new [REDACTED] plan					
[REDACTED]	End of construction Gypse station	[REDACTED]	31/12/2022	[REDACTED]	No
Explanation for any deviation from planned completion date					
As per [REDACTED] plan					
[REDACTED]	Environmental authorization "Ouest Arvan"	20/02/2020	20/02/2020	20/02/2020	Yes
Explanation for any deviation from planned completion date					
[REDACTED]	Environmental authorization "Est Arvan "	24/02/2021	18/02/2021	18/02/2021	Yes
Explanation for any deviation from planned completion date					
NS					
[REDACTED]	Building authorization "PEM Transitoire"	29/10/2019	29/10/2019	29/10/2019	Yes
Explanation for any deviation from planned completion date					
NS					
[REDACTED]	Building authorization "FSA LH "	12/03/2018	12/03/2018	12/03/2018	Yes
Explanation for any deviation from planned completion date					
NS					
[REDACTED]	Completion detailed design "Phase 1 M4"	28/09/2018	28/09/2018	28/09/2018	Yes
Explanation for any deviation from planned completion date					

■	Completion detailed design "Phase 2 anticipée M6"	15/10/2019	15/10/2019	15/10/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Completion detailed design "Phase 2 M6" (except railway equipments)	28/08/2020	28/08/2020	28/08/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of construction "Digue des Resses "	13/12/2019	13/12/2019	13/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	End of construction "PAI LH"	06/11/2020	06/11/2020	06/11/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	End of construction "FSA LH /GA1/GA2"	26/02/2021	26/02/2021	26/02/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	End of construction "PEM transitoire"	19/05/2022	30/04/2022	19/05/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	End of construction "PRA René Cassin"	23/11/2020	23/11/2020	23/11/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					

█	End of construction roads and networks Ouest Arvan (Bastille-Cassin-Sibué)	07/12/2021	07/12/2021	07/12/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
█	End of construction roads and networks area Amoudon/plan des Epines (RD81)	█	31/12/2022	11/08/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
As per █ plan					

Activity 28	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	St Jean de Maurienne (TELT) (o.w. 9C)	31/07/2019	██████████	31/07/2019	31/01/2023	31/07/2019	██████████	84.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Tender notice publication for the PMC	31/07/2019		31/07/2019		31/07/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Closure of the tender (receipt of candidatures)	08/10/2019		08/10/2019		08/10/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Proposal of contract award sent to Contracts	10/09/2021		10/09/2021		10/09/2021		Yes

	Commission				
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Approval of contract award from TELT Board	26/11/2021	15/12/2021	15/12/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Contract award for designer PEM	15/04/2022	04/02/2022	04/02/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	End of preparatory work with interventions on road RD 906	■	31/12/2022	31/12/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					

Activity 29	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Trimet and Villargondran dams (o.w. 9D)	01/01/2019	██████████	01/01/2019	02/07/2022	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	DCE sent to selected candidates	18/02/2019		18/02/2019		18/02/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Receipt of technical and financial bids from selected candidates ("lot 01")	01/04/2019		01/04/2019		01/04/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

■	Proposal of contract award sent to Contracts Commission	08/06/2019	08/06/2019	08/06/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Reply from the Contract Commission	15/07/2019	15/07/2019	15/07/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Approval of contract award from TELT Board	15/09/2019	15/09/2019	15/09/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract ("lot 01")	06/09/2019	06/09/2019	06/09/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Start of work on worksite "lot 01"	08/10/2019	08/10/2019	08/10/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Start of networks works	15/10/2019	15/10/2019	15/10/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Start of shoreline protection works	02/12/2019	02/12/2019	02/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					



█	Start of backfill works	02/12/2019	02/12/2019	02/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
█	Signature of the contract lot 02	16/12/2021	16/12/2021	16/12/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
█	Completion of work "lot 01 and lot 02"	█	02/07/2022	31/07/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
Clerical mistake in the G.A.					

Activity 30	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Arc Bridge (o.w. 9E)	01/01/2020	██████████	01/01/2020	██████████	01/01/2020	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Tender notice publication for the works supervision "MOE CO9E" civil works	22/07/2020		22/07/2020		22/07/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Proposal of contract award sent to Contracts Commission	31/05/2022		09/03/2022		09/03/2022		Yes
<b>Explanation for any deviation from planned completion date</b>								
NS								

█	Signature of the contract	15/09/2022	24/07/2022	15/09/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
█	End of the design of the Bridge	█	█	█	No
<b>Explanation for any deviation from planned completion date</b>					

Activity 31	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Management of excavated materials-Italy (o.w. 10)	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies.								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	DCE sent to selected candidates	25/06/2019		25/06/2019		25/06/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Receipt of technical and financial bids from selected candidates	19/09/2019		19/09/2019		19/09/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

■	Proposal of contract award sent to Contracts Commission	19/12/2019	19/12/2019	19/12/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Reply from the Contract Commission	31/01/2020	31/01/2020	31/01/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Approval of contract award from TELT Board	04/02/2020	04/02/2020	04/02/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	PMC contract award	23/04/2020	23/04/2020	23/04/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Tender for main Works	01/07/2019	01/07/2019	01/07/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Closure of the tender (receipt of candidatures)	25/09/2019	25/09/2019	25/09/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Approval of DCE and candidatures by CdC	26/09/2020	26/09/2020	26/09/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					

■	DCE sent to selected candidates	05/11/2021	05/11/2021	05/11/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Main works contract award	■	09/04/2023	■	No
<b>Explanation for any deviation from planned completion date</b>					
Negotiations longer than expected					
■	Order of Selective treatment of materials machine (Salbertrand)	■	■	■	No
<b>Explanation for any deviation from planned completion date</b>					
Negotiation with candidates longer than expected					

Activity 32	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
		Management of excavated materials-France – (o.w.11 )	01/01/2019	██████████	01/01/2019	██████████	01/01/2019	██████████
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	DCE sent to selected candidates	16/07/2019		16/07/2019		16/07/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Receipt of technical and financial bids from selected candidates	21/10/2019		21/10/2019		21/10/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								

■	Proposal of contract award sent to Contracts Commission	28/02/2020	28/02/2020	28/02/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Reply from the Contract Commission	23/09/2020	23/09/2020	23/09/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Approval of contract award from TELT Board	06/10/2020	06/10/2020	06/10/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract	03/12/2020	03/12/2020	03/12/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
The delay has no impact on the programme (see ■ ■)					
■	Signature of convention for work for railway connection (■)	18/05/2021	31/12/2020	31/12/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
The delay of a few months in signing the agreement will not have any impact on the execution of the works, since some ■ departments are already starting work on the preliminary project, precisely in order to be able to meet the branch line's commissioning schedule.					
■	Start of work for "worksite preparation"	04/02/2021	05/02/2021	05/02/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
NS					
■	Completion of work "worksite preparation"	15/07/2022	25/02/2022	25/02/2022	Yes



Explanation for any deviation from planned completion date					
■	Tender notice publication for the civil works CO11	29/11/2020	29/11/2020	29/11/2020	Yes
Explanation for any deviation from planned completion date					
■	Closure of the tender (receipt of candidatures)	08/02/2021	08/02/2021	08/02/2021	Yes
Explanation for any deviation from planned completion date					
■	DCE sent to selected candidates	14/03/2022	08/03/2023	14/03/2022	Yes
Explanation for any deviation from planned completion date					
■	Main works contract award	■■■■■■■■	■■■■■■■■	■■■■■■■■	No
Explanation for any deviation from planned completion date					
Procedure faster than usual					
■	Order of Selective treatment of materials machine (Illaz and Modane)	31/12/2022	■■■■■■■■	■■■■■■■■	No
Explanation for any deviation from planned completion date					
Incoherent date: Order of the machine can be done only after the contract is signed. The contract is expected to be signed by ■■■■■■■■					
■	Start of construction of STM "Illaz" on worksite	■■■■■■■■	■■■■■■■■	■■■■■■■■	No
Explanation for any deviation from planned completion date					

Incoherent date: Start of construction can be done only after the contract is signed. The contract is expected to be signed by [REDACTED]

Activity 33	Title	Planned Start/End date <sup>(GA)</sup>		Previous ASR Start/end dates		Actual Start/End date		Overall technical progress achieved until the end of the previous reporting period (%)*
	Engineering and other costs not included in other OW	01/01/2019	██████████	01/01/2019	30/04/2023	01/01/2019	██████████	80.00
<b>*Please explain how the percentage of the progress achieved has been estimated/calculated</b>								
The percentage of technical progress has been calculated on the basis of the activity start and end date: this calculation method makes it possible to take into account all the operations carried out within the framework of each activity, including those that do not generate a disbursement but represent acts or procedures taken out by the implementing body or by government agencies								
Milestone no	Title <sup>1</sup>	Planned completion date <sup>(GA)</sup>		Previous ASR date		Actual completion date		Reached (Y/N)
████	Edition of annual report from TELT for 2019	31/12/2019		31/12/2019		31/12/2019		Yes
<b>Explanation for any deviation from planned completion date</b>								
████	Edition of annual report from TELT for 2020	31/12/2020		31/12/2020		31/12/2020		Yes
<b>Explanation for any deviation from planned completion date</b>								

■	Edition of annual report from TELT for 2021	31/12/2021	01/04/2022	31/12/2021	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Edition of annual report from TELT for 2022	31/12/2022	30/04/2023	31/12/2022	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract for the coordination of security during execution on the French side	24/07/2019	24/07/2019	24/07/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract for the preparation of the executive project of environmental monitoring on the Italian side	29/01/2019	29/01/2019	29/01/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract for the ante operam environmental monitoring and the water law on the French side	06/03/2019	06/03/2019	06/03/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					

■	Signature of the contract for the engineering technical studies or audit aimed at checking the engineer (MOE) and the sub-contractors design and planning	19/06/2019	19/06/2019	19/06/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract for the execution of the environmental monitoring plan ante operam, in course of work and post operam on the Italian side	15/04/2020	22/05/2020	22/05/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract for the coordination of security during execution on the Italian side	30/05/2020	25/05/2020	25/05/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Signature of the contract for the environmental coordination of the activities on the Italian side	15/07/2020	18/11/2020	18/11/2020	Yes
<b>Explanation for any deviation from planned completion date</b>					
■	Agreement for the studies for the creation of an	31/12/2022	31/12/2022	01/01/2019	Yes

	electrical substation for the supply of rail traction in the middle of the base tunnel - Intermediary phase report				
<b>Explanation for any deviation from planned completion date</b>					
Dummy date. This milestone cannot be achieved within the timeframe of the action					
■	Agreement for the studies for the creation of an electrical substation for the supply of rail traction at the entrance of the base tunnel - Intermediary phase report	31/12/2022	31/12/2022	01/01/2019	Yes
<b>Explanation for any deviation from planned completion date</b>					
Dummy date. This milestone cannot be achieved within the timeframe of the action					

**2.3 If total actual costs/units deviates >5% compared to latest Grant Agreement in force, please explain why**

Activity 4 Exploratory activities from the foot of the Saint-Martin-la-Porte access tunnels

The higher costs incurred during the validity period of the grant agreement amendment signed in April 2020 on Activity 4 are mainly due to the difficult geological conditions encountered during the construction of the SMLP4 tunnel in section 3B excavated using the traditional method.

In fact, in this section, which was excavated from two fronts at the same time, the encounter of very strong convergences due to the shale nature of the rocks required the excavation of small sections with subsequent re-boring and the use of concrete rings to stabilise the structure until the final lining was completed.

Even if the last milestone of the action 4 is in 2022, there will be costs invoiced and paid on [REDACTED] as there are often temporal shifts between technical progress (the milestones) and the administrative and financial progress.

Activity 6 TELT Administrative costs for works

The higher cost of the activity is due to the fact that it has been added the year [REDACTED] not included in the latest GA

Activity 7 Release of the land acquired for public purposes and demolitions

Higher cost than expected

Activity 8 Utilities diversions in France

Savings

Activity 9 Utilities diversions in Italy

Savings

Activity 12 Relocation of [REDACTED] « safe driving » track

Savings

Activity 13 Interconnection tunnel Susa-Bussoleno

Higher cost of the engineering studies due the complexity of the procedure

Activity 14 Electric connection Susa-Venaus

The activity will not be done as the works for electrical power supply for Chiomonte is not necessary at this stage

Activity 15 Avrieux shafts

Higher cost due to initial difficulties in the set up of the construction site

Activity 17 Electric connection for French worksites

Savings

Activity 18 Main civil works until 31/12/2018

The GA reports an incorrect amount for the activity that has been closed with the signature of the amendment 1 in 2020.

Activity 19 Civil works in Susa plain (o.w.2A)

Savings

Activity 20 Info point Henry Barrack (o.w. 2E)

Savings



Activity 21 Maddalena-Susa (o.w. 3-4)

Cost of the activity to be analysed together with the activity 22

Activity 22 Maddalena interconnecting Niches (o.w. 4A)

Cost of the activity should be analysed together with the activity 21

Activity 23 Modane and Maddalena (o.w.5)

The activity will not be fully completed.

Activity 24 La Praz-Modane (o.w. 6)

Cost for activities 24 and 25 must be analysed together. Increase is due to the outcome of the negotiation with the company that won the tender

Activity 25 St Martin la Porte-La Praz (o.w.7)

Cost deviation : Cost for activities 24 and 25 must be analysed together.

Increase is due to the outcome of the negotiation with the company that won the tender

Activity 26 St Julien Montdenis (West entrance)-Saint Martin la Porte (o.w. 8)

The costs have been increased because of the outcome of the negotiations

Activity 27 St Jean de Maurienne ( ) (o.w. 9B)

the higher cost of the activity is due to the inflation caused by post covid, war in Ukraine, shortage of materials and general indiscriminate increase in costs such as energy.

Activity 29 Trimet and Villargondran dams (o.w. 9D)

the higher cost of the activity is due to the inflation caused by post covid, war in Ukraine, shortage of materials and general indiscriminate increase in costs such as energy.

Activity 30 Arc Bridge (o.w. 9E)

Savings

Activity 31 Management of excavated materials-Italy (o.w. 10)

As the cost of the contract has been signed later than initially indicated, the costs of the activity will be lower than initially planned

Activity 32 Management of excavated materials-France - (o.w.11 )

Costs for this activity is higher than indicated, because of the temporary use of the contracts for the base tunnel for the removal of the excavated material

Activity 33 Engineering and other costs not included in other OW

In this activity has been included insurance cost for the CAR (construction all risks) policy that TELT has subscribed for all operational worksites. Initially this cost has been indicated in each single activity.



**2.4. Description of the Action's and activities' progress planned in the on-going reporting period and until the end of implementation of the Action**

- a) Provide a description of the planned progress of the activities in the on-going reporting period and, where applicable, beyond the on-going reporting period up until the end of the implementation of the Action (if the on-going reporting period is not the last one).*
- b) Highlight and explain any deviation (e.g. on objectives of the Action, the completion of the planned activities, the cost-breakdown, Action's end date, etc.) in comparison to the latest grant agreement in force and, where applicable, latest ASR.*
- c) Identify any expected/foreseen risk(s) that may challenge the actual end date of the Action and the associated mitigation plan(s).*

See ANNEX 2.4

### **3. VISIBILITY OF UNION FUNDING (GA II.23.1.1.i or SESAR FPA II.23.1b.i)**

**What measures have been taken within the previous reporting period to publicise the Action, including EU funding (GA II.7.1)?**

See ANNEX 3- COMMUNICATION

### **4. OTHER SOURCES OF EUROPEAN UNION FUNDS (CEF-E and Synergy only, GA II.23.1.1.m )**

**If applicable, provide information about other sources of EU funds (CEF, ERDF, Cohesion Fund, H2020, TEN, EEPR, EIPA, etc.) used for the project of common interest (e.g. previous or subsequent phases not covered by the Grant Agreement).**

Not applicable

## **5. COMPLIANCE WITH EU LEGISLATION (GA.II.23.1.1g and h, or SESAR FPA II.23.1b.g and h)**

### **5.1. Overview of environmental aspects, compliance with EU and national legislation, issues during the implementation of the Action and measures taken.**

See ANNEX 5.1 -Environmental aspects

### **5.2. Where relevant, information on the compliance with EU legislation notably on procurement:**

- information on the contracts awarded or planned for the implementation of the Action and on compliance with the requirements set out in GA II.9 and II.10**
- regarding other matters, notably public procurement, competition, regulatory matters, (CEF-E only) the update of the CBCA decision, etc.**

See ANNEX 5.2 - Contracts

**6. IMPLEMENTATION SCHEDULE, GOVERNANCE AND MONITORING, OTHER RELEVANT ADMINISTRATIVE PROVISIONS (GA II.23.1.1.k and I, or SESAR FPA II.23.1b.k and I)**

**6.1. In the first ASR, information on implementation schedule, such as critical path, key performance rates and risk analysis; in subsequent ASR, information on any modifications and, if applicable, on the progress of the implementation of the arrangements referred to in previous ASR. If there are changes in the Action timetable as compared to the latest planning (Grant Agreement or previous ASR), attach an updated Gantt chart.**

Not applicable

Action's implementation technical progress (cumulated %)

	2014		2015		2016		2017		2018		2019		2020		2021		2022			
A ct i o n l e v e l	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R
	0	0	0	0	7	7	15	15	23	23	41	41	58	58	76	76	93	87		
A ct i v i t y	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R	Pr e v i o u s A S R	C u r r e n t A S R
1	N/A	0	N/A	0	50	50	100	100	N/A	100	N/A	100	N/A	100	N/A	100	N/A	100		
2	N/A	0	N/A	0	17	24	33	41	50	61	67	67	83	83	97	100	100	100		
3	N/A	0	N/A	0	16	16	32	32	49	49	65	65	81	81	100	100	N/A	100		
4	N/A	0	N/A	0	14	14	29	29	43	43	57	57	71	71	86	86	100	100		
5	N/A	0	N/A	0	25	25	50	50	75	75	100	100	100	100	N/A	100	N/A	100		
6	N/A	0	N/A	0	N/A	0	N/A	0	20	12	40	40	60	60	80	80	100	90		
7	11	11	21	21	32	32	42	42	53	53	64	64	74	74	85	85	96	92		
8	N/A	0	N/A	0	14	14	28	27	41	28	55	55	69	69	83	83	97	83		
9	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	20	20	40	40	60	60	80	65		
10	N/A	0	N/A	0	N/A	0	14	14	29	29	43	43	57	57	71	71	86	80		

	A		A		A														
11	N/A	0	N/A	0	N/A	0	14	14	29	29	43	43	57	57	71	71	86	80	
12	N/A	0	N/A	0	N/A	0	16	16	32	32	48	48	64	64	80	80	96	90	
13	N/A	0	N/A	0	N/A	0	44	44	20	20	36	36	52	52	68	68	84	75	
14	N/A	0	N/A	0	N/A	0	44	44	22	22	40	40	57	57	75	75	93	75	
15	N/A	0	N/A	0	12	12	25	25	37	37	50	50	62	62	75	75	87	85	
16	N/A	0	N/A	0	N/A	0	66	66	29	29	53	53	76	76	100	100	100	100	
17	N/A	0	N/A	0	14	14	29	29	43	43	57	57	71	71	86	86	100	92	
18	N/A	0	N/A	0	N/A	0	50	50	100	100	N/A	100	N/A	100	N/A	100	N/A	100	
19	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	20	20	40	40	60	60	80	65	
20	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	29	29	59	59	88	88	100	90	
21	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	20	20	40	40	60	60	80	70	
22	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	22	22	44	44	65	65	87	85	
23	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	20	20	40	40	60	60	80	72	
24	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	22	22	42	42	67	67	89	75	
25	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	22	22	44	44	67	67	89	75	
26	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	19	19	41	41	64	64	86	80	
27	N/A	0	N/A	0	N/A	0	N/A	0	0	0	23	23	46	46	69	69	92	80	

28	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	12	12	41	41	71	71	100	84	
29	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	29	29	57	57	86	86	100	95	
30	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	27	27	54	54	80	75	
31	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	21	21	43	43	64	64	85	85	
32	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	20	20	40	40	60	60	80	75	
33	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	23	23	46	46	69	69	92	80	

**Explanation why the following activity(ies) and/or the Action will not achieve 100% of technical progress by their actual end dates**

Activity 13	Delay regarding the proposal of contract award sent to Contracts Commission
Activity 23	The completion of this activity is not compatible with planning of activity 15.
Activity 8	Few agreement with network managers out of scope
Activity 14	works for electrical power supply for Chiomonte not necessary at this stage
Activity 9	Few agreements with network managers out of scope
Activity 19	Project not ready to be sent to the Contract Commission
Activity 33	electrical substation for the supply of rail traction out of scope
Action	<p>The technical progress of the action will be at 99% by its end date. This deviation is due to five activities (not on the critical path) that will not be completed by the actual end date. These activities are:</p> <p>08. Utilities diversions in France: due to the difficulties with some infrastructure managers (electricity and telecommunication) in the Saint Jean the Maurienne area to complete the necessary deviation works within the established time-frame.</p> <p>09. Utilities diversions in Italy: similar issues in Italy in Torrazza Piemonte, San Didero and Bruzolo municipalities for water and telecom infrastructure managers.</p> <p>13. Interconnection tunnel Susa-Bussoleno: although the tender procedure will start soon, it will not be completed before the typical duration of TELT purchasing procedures (24 months)</p> <p>14. Electric connection Susa-Venaus: works for electrical power supply for Chiomonte are not necessary at this stage</p> <p>19. Civil works in Susa plain (o.w.2A): Project not ready to be sent to the Contract Commission</p> <p>23 Modane and Maddalena (o.w.5): excavations works this operational worksite</p>

	<p>could start only after the completion of activity 15 (Avrieux shafts)</p> <p>33. Engineering and other costs not included in other OW: only the study for the electrical substation for the supply of rail traction cannot will be out of scope of the current Grant Agreement.</p>
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**6.2. In the first ASR, information on governance and monitoring of the Action, such as organizational structure, internal coordination, communication and reporting, and decision making process; in subsequent ASR, information on any modifications and, if applicable, on the progress of the implementation of the arrangements referred to in previous ASR.**

Nothing to report

**6.3. In the first ASR, information on other relevant administrative provisions, such as quality controls and audits; in subsequent ASR, information on any modifications and, if applicable, on the progress of the implementation of the arrangements referred to in previous ASR.**

See ANNEX 6.3 - Management and control system by the Member States

ANNEX: Financial information (GA II.23.1.1.d to f or SESAR FPA II.23.1b.d to f)

<b>CERTIFICATION OF THE MEMBER STATE*</b> (applicable only for ASR and for beneficiaries established in the European Union)	
Name	
Position	
Entity	
Telephone N°	
E-mail	
In compliance with Article II.23.1 (or SESAR FPA II.23.1b) of the GA, it is certified that the information provided by the following Beneficiary(ies) in the ASR is full, reliable and true.  <input type="checkbox"/> Ministero delle Infrastrutture e della Mobilità Sostenibili  <input type="checkbox"/> Ministère de la Transition écologique et de la Cohésion des Territoires	
Date and signature	
Stamp (optional)	

\* In line with the terms of Art. 22 of the CEF Regulation