

Annex 2.4

Annex

Preparatory questions for the meeting of 21/01/2021

1. ACTIVITY 6 – PROJECT MANAGEMENT

Questions by INEA	Reply by TELT
Inform on state of play of activities and budget execution	We faced a very tough and peculiar year. Nevertheless, the company accomplished all the targeted objectives thanks to an incredible flexibility by all staff members and management.
	Systems helped enormously, as well a capacity of working together even if physically separated.
	Main goals has been:
	 Approval of the text of the "contratto di programma" by the two parliamentary commissions Start of expropriation procedures in Italy Negotiation with the France base tunnel tender candidates Renewal of the ISO certifications (9001, 14001, 27001, 18001) Hiring of all key people initially foreseen Publication of the contracts execution procedures
	Costs have been kept under control.



Annex 5.2

2. ACTIVITY 7 - RELEASE OF THE LAND ACQUIRED FOR PUBLIC PURPOSES AND DEMOLITIONS

Questions by INEA	Reply by TELT
scope achieved and budget used at 31/12/2022?	Demolition work in the Saint Jean de Maurienne Plain:
	Phase 1 and 2 demolition contracts are completed; the phase 3 contract started at the end of 2020. There is no impact to report on the scope of activities and the planned expenditure budget as at 31/12/2022.
	Temporary land occupations in Italy:
	For the areas at the Chiomonte and Giaglione sites, temporary occupation of the second phase will be completed by the second half of March 2021.
	For the areas at the San Didero-Bruzolo sites, temporary occupations will be completed within the first half of 2021.
	For the areas at the Torrazza P.te site, temporary occupations have largely been contracted out in 2020; the areas at the railway park remain to be acquired in conjunction with the handover of the works to the main works contractor, currently expected by August 2022.
	The same will be done for the areas of the Salbertrand site.
	There are no uncertainties on the respect of the technical scope and budget foreseen during the period of validity of the Action.



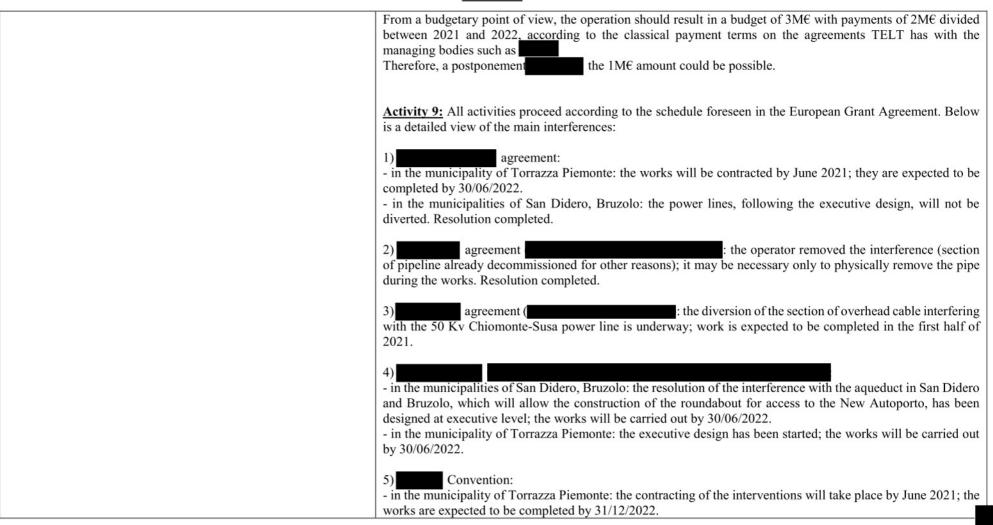
Annex 5.2

3. ACTIVITIES 8 AND 9- UTILITIES DIVERSIONS

Questions by INEA	F	eply by TELT		
Inform on state of play of activities. Are there any uncertainties as regards the technical scope achieved and budget used at 31/12/2022?	Activity 8: All network deviations are progressing normally by adapting to the various changes in the schedul of operational worksites. To date, there are no specific developments to report for 2020/2021, with the exception of the following dossi Travaux Déviation Electrique 42kV Chaudannes (Non signée)			
	Description	Indicative completion date	Means of verification	state of progress
	- Works Saint Jean de Maurienne Chaudannes - Finalising works agreement	30/06/2020	agreement signed Convention	Not Yet 31/12/2021
	- Works Saint Jean de Maurienne Chaudannes - Start of works	30/06/2021	Notice	30/06/2022
	Works Saint Jean de Maurienne Chaudannes - End of studies on the deviation	31/12/2022	Mémoire Fin de Travaux	31/12/2022
	The work contract was not signed on time, a de C209027-Convention Etudes de Détail Chaudam The final report of this study has not yet been su and the municipality of Saint Jean de Maurienne To date, the modification of project, whose timetable is in line with that of the There will therefore be no impact on the overall publication 2022:	nes-2020.04.21. bmitted by per	nding additional infor -Maurienne sector ha lisruption of rail traff	mation from s led to a delay in thic).

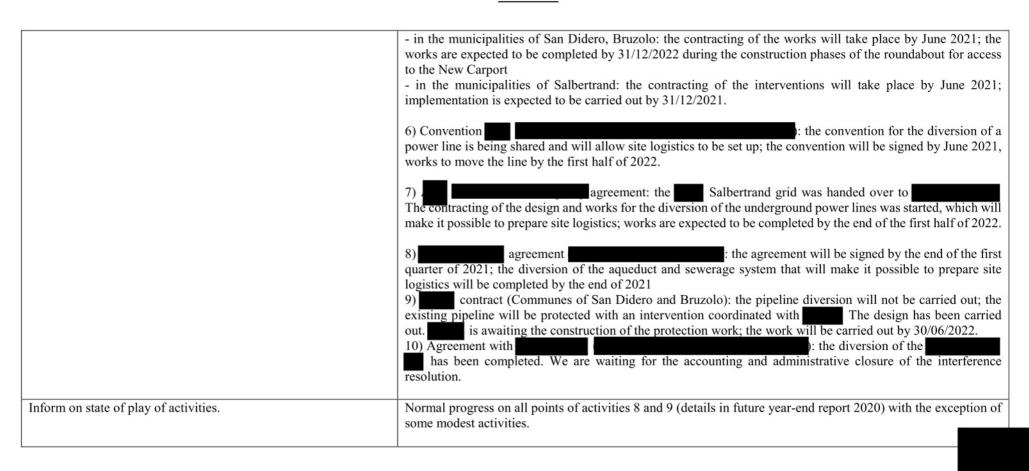


Annex 5.2





Annex 5.2





Annex 5.2

4. ACTIVITY 10 – CHIOMONTE INTERCHANGE

Questions by INEA	Reply by TELT
We take note of the opening of the worksite in August 2020. This fulfils the	
 Inform about the state of play of the works. In particular: a. preparatory works covering the completion of archaeological and last final geological studies (latest received information set their start in September 2020); b. foundation and retaining structures at the basement of the Clarea viaduct; c. start of construction works (planned in March 2021) 	 a. archaeological and geological studies site ordnance unexploded clearance and barriers to protect the overlying Clarea viaduct: on going. Area acquisition activities with the construction of security fencing and lighting and video surveillance systems began on site on 22/06/2020 b. foundation and retaining structures at the basement of the Clarea viaduct: start of construction (planned after start of main construction work) c. start of construction works: plans to award the contract for the main work at the end of May 2021.
The GA indicated at 31/12/2022 the full completion of the activity – can you confirm this timing, particularly taking into account the disruption from No-Tav opponents?	As foreseen in the text of the Amendment, this Activity coveres the "structural extension" phase and does not include the finishing works (paving the road, testing etc.). The disruptive actions of the NO-TAV opponents should not have any particular impact in terms of slowing down the construction site due to the security measures taken and the police presence.
What about the impact on technical scope and budget at 31/12/2020, budget and timing, particularly because of uncertainties with the works of the niches (A22)?	Chiomonte Interchange works are independent from the works of the niches.



<u>Annex 5.2</u>

5. ACTIVITY 11 – RELOCATION OF A32 AUTOPORT

Questions by INEA	Reply by TELT
The start of works was planned in December 2020, this is the	
Can you confirm the start of activities at December 2020? In case this second milestone has not be timely met, inform about reasons and mitigation measures	We cannot confirm. Due to No-Tav opponents, that have occupied the area; the police advised to postpone the activities temporarily. The activities are being rescheduled together with the police who will guarantee the support and assistance to take the areas safely and without fighting.
	plans to award the contract for the main works at the end of June 2021 and in the period from April to June 2021 TELT will directly commence the acquisition of the areas and some preliminary works for the clearance of ordnance unexploded and archaeological surveys, for the construction of the fencing, the lighting and video surveillance systems, the road access works and the surface excavation of the land.
Inform about civil works planning in 2021.	In the course of 2021, construction work will begin on the foundations and elevation of the PCC building and the construction of the viaduct.
We understand that the Activity will be fully completed in the frame of the Grant Agreement – can you confirm?	With regard to the completion of the activities, has confirmed in a written letter that it will complete the works under the Amendment by 31 December 2022: "structural extension" phase. The Activities does not included the finishing works (paving the road, testing etc.).
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	Currently nothing to report.



Annex 5.2

6. ACTIVITY 15 - AVRIEUX SHAFTS

Questions by INEA	Reply by TELT
We take note of the opening of the worksite in August 2020. This fulfils the	
Inform about civil works implementation. Will milestone (Start of excavation of shaft P1) be met at 31/01/2021?	Following the notification of the contract, the company has developed its own programme for the execution of the works according to its own logistical organisation (this principle applies to all works tenders) and, therefore, all the intermediate construction milestones envisaged by the Amendment have changed. In particular, the excavation of shaft P1 has been rescheduled for October 2021, while the underground works such as the connection tunnel, the ventilation tunnel, the preparation of the chamber at the foot of the shafts, the boring of the technical cavern, etc. will be brought forward.
Are they any uncertainties as regards technical scope, budget and timing?	At present, there would be no particular problems in maintaining the expenditure values foreseen under the Action (the costs of the procurement contract are higher than those estimated by TELT in the grant agreement). However, the technical complexity of the construction of the 500 m long ventilation shafts may constitute a risk area for geological contingencies.



<u>Annex 5.2</u>

7. ACTIVITY 16 - VILLARD CLÉMENT CUT AND COVER

Questions by INEA	Reply by TELT
Inform on state of play of activities	Highway shifted, has been restored and the planned date of work completion has been confirmed for the start of the 2nd half of 2021 without delay on initial planning.
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	Any impact considering the work completion in 2021.

8. ACTIVITY 17 - ELECTRIC CONNECTION FOR FRENCH WORKSITES

Questions by INEA	Reply by TELT
Inform on state of play of activities	All agreements with French national or local electricity suppliers to supply the energy needed by the Villarodin-Bourget/Modane, La Praz and Saint-Jean-de-Maurienne yards, in particular for the use of tunnel boring machines, are proceeding according to plan and in line with the technical scope of the Action. The agreements provide for engineering and works for the construction of electrical substations and the connection of cables to the national electricity grids.
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	No criticalities to report.



Annex 5.2

9. ACTIVITY 19 - CIVIL WORKS IN SUSA PLAIN (O.W.2A)

Questions by INEA	Reply by TELT
Inform on state of play of activities	By August 2021, TELT will award the contract for the PMC (Project Management Consultancy). In the same year 2021, with the support of the commissioned engineering companies, it will decide in how many tenders all works in the Susa plain shall be divided into. TELT will send the first call for tenders for the civil works to the Contracts Commission by Q1 2022 with a view to publication in June 2022. The proposed award of the works contract will be postponed from November 2022 to September 2023.
Are they any uncertainties as regards technical scope and budget at 31/12/2022, particularly as regards difficulties with works activities in the Italian section?	Activity 19 only covers the costs of PMC services for the preparation of tender specifications and for the verification operations prior to the start of the works. With the 2021 Finance Act, the Italian government has granted financing for the open-air works in the Piana di Susa/Bussoleno area included in the 4th Construction Lot. The reasons for the postponement of the dates for the PMC tenders and the main works are due to the significant slowdown in the procedures for evaluating and negotiating bids with qualified companies for the confinement measures imposed by the COVID-19 health emergency.



<u>Annex 5.2</u>

10. ACTIVITY 21 - MADDALENA-SUSA (O.W. 3-4)

Questions by INEA	Reply by TELT
The DCE sent to bidders by October 2020. This is the fifth milestone set in art. I.3. It seem	s that it has not been met.
Latest information confirmed Contracts Commission approval of the DCE in July 2020. Can you confirm the milestone has been met? Otherwise, inform about reasons and mitigation measures.	DCE sent to Contract Commission organism in date 14/12/2020 with a delay of 5 mths with respect to the schedule.
	Tender document preparation (TCD) activities have been impacted since the beginning of their development in January 2020 by the COVID-19 health emergency.
	It is foreseen green light from CdC in March 2021 and it is planned that the documents will be sent to offerent in the same month of March (if received in time), although Covid italian evolution could still be a critical point.
	To mitigate any eventual delay to the start of main works, have been launched in december 2020 a bid competition for the detailed design of the 1st phase (site preparation). Scope of this contract is to allow the companies to start with the site platform as soon as the contract will be awarded.
	In addition, the tender specifications include an obligation for qualified companies to prove the existence of a pre-contract for the supply of tunnel boring machines in order to speed up the design and supply of the machines at the manufacturer's premises.
Inform about civil works planning for 2021.	In the year 2021, no works are planned, only tender activities.
Are they any uncertainties as regards technical scope and budget at 31/12/2022, also because of problems at Salbrertrand side?	Yes, there is sufficient certainty that the scope of the Action will be difficult to maintain, especially as a result of the delay in the procurement procedures related to the COVID-19 health emergency. Concerning the Salbertrand area necessary for the storage and exploitation of excavated rocks, a phasing has been studied that would allow the start of works in late summer 2022 if approved by the environmental authorities.



Annex 5.2

11. ACTIVITY 22 - MADDALENA INTERCONNECTING NICHES (O.W. 4A)

Questions by INEA	Reply by TELT	
The start of A.22 works (Maddalena interconnecting niches) was planned in December 2020. This is the milestone set in art. I.3		
Can you confirm this milestone has been met? In case this milestone has not be timely met, inform about reasons and mitigation measures	The milestone was reached on 23/11/2020 with the handover of the site installation area to the contractor and the start of maintenance activities. However, due to the issuing of territorial procedural permits, the activities that fall within the scope of the contractor's work (t runway, niches, additional support layer in the existing tunnel) are scheduled to start in the upcoming spring.	
Inform about civil works planning for 2021	Considering the start of the production activities in spring and based on the last official construction program enclosed to PE, within 2021 the first 2 steps (i.e. between pk 0 and pk 3+115 ca.) of utilities relocation, runway casting, niches excavation/support additional protective concrete layer in the existing tunnel should be completed by 2021.	
Are they any uncertainties as regards technical scope and budget at 31/12/2021, also because of problems at Salbrertrand side?	There is no direct relationship between Salbertrand site and Maddalena activities therefore no uncertainties are expected from this side. All the activities foreseen in the grant agreement will be completed within the period of validity of the Action.	

12. ACTIVITIES 23-26 - CIVIL WORKS AT BASE TUNNEL (MODANE AND MADDALENA (O.W.5); LA PRAZ-MODANE (O.W. 6); ST MARTIN LA PORTE-LA PRAZ (O.W.7) ST JULIEN MONTDENIS (WEST ENTRANCE)-SAINT MARTIN LA PORTE (O.W. 8)

Questions by INEA	Reply by TELT	
Article I.2 indicated failure to comply with the following milestones as a condition to apply articles II.15, article II.16, article II.24 or article II.25.4:		
a. Transmission of the last required documents to the Contract Commission by September 2020;		
b. Approval by the Contract Commission by November 2020;		
c. Approval of contract award from TELT Board by December 2020;		
d. Signature of the works contracts for AA.24-27 by February 2021		
We understand that on 15/12/2020 (TELT Board) it was confirmed that these milestones have not been met		
Explain reasons for failure and why milestones are being further postponed (information	The reasons for the postponement of the key dates of the tender for the three lots of the	
received in October 2020 indicated milestone c. as achieved in January 2021)	French base tunnel are due to the significant slowdown in the procedures for evaluati	



Annex 5.2

	and negotiating the bids with the companies qualified for the confinement measures imposed by the COVID-19 health emergency.
We take note that on 15/12/2020 TELT Board confirmed contracts' signature at 05/2021. Explain how the full technical scope will be met by 31/12/2022	With an approval by the TELT Board of Directors in May 2021 of the signature of the three contracts for the works on the French base tunnel, it will be possible to guarantee the economic value of the expenditure foreseen in the grant agreement at 31/12/2022 due to the fact that the first projections of the final contract costs will be higher than TELT's forecasts, which will compensate the delayed notification of the contracts.
Are they further uncertainties as regards technical scope at 31/12/2022, budget and timing of A.23, also because of problems at Salbrertrand site?	As a result of the above, and for the time being, there are no problems to guarantee the supply of the 5 tunneliers at the supplier's workshops including the functional tests, as well as the completion of the other construction activities by the end of the validity period of the Action. There are some areas of risk in the more geologically complex areas such as the western entrance of the Base Tunnel (CO 08), where the 600 m twin-tube excavation is expected to be completed by 31/12/2022. Overall, the economic uplift foreseen during the period of validity is substantially confirmed. It is also specified that there is no link between these French construction lots and the Salbertrand site.

13. ACTIVITY 27 - ST JEAN DE MAURIENNE (SNCF-R) (O.W. 9B)

Questions by INEA	Reply by TELT
Inform on state of play of activities	Overall progress 15,7 percent (126 M€801 M€)
	CFI2 and CFI4 (Studies): 64 % . The Phase 2-5 Project was handed over at the end of the year 2020.
	CFI5 (works): 12,7% (96 M€ /755 M€) : 4 projects have been completed (MT1a,MT3b,MT4,MT18) and 21 are in progress (MT2a→ MT31 temporary railway station of Saint Jean de Maurienne)



<u>Annex 5.2</u>

Are they any uncertainties as regards technical scope and budget at 31/12/2022?	The 2020-2021 spending volume is met unless there is an average delay of about one quarter.
	The impact of COVID on the critical path substantially reduces production in 2022, with a delay to 2023.

14. ACTIVITY 28 - ST JEAN DE MAURIENNE (TELT) (O.W. 9C)

Questions by INEA	Reply by TELT
Inform on state of play of activities	End of the RD 906 road project → building contract and works in 2021.
	Tender procedures are underway for the award of PMC services for the design and construction of the Saint Jean de Maurienne multi modal railway station.
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	The delay in signing the PMC contract, due to the impacts of the COVID-19 health emergency, will make it difficult to maintain the milestone for completion of the design study of multi modal railway station (Pôle d'Echange Multimodal) scheduled for 2022, with a postponement to 2023.
	The delay will similarly impact expenditure forecasts, albeit by a small amount.

15. ACTIVITY 29 - TRIMET AND VILLARGONDRAN DAMS (O.W. 9D)

Questions by INEA	Reply by TELT
The signature of works contract was planned in May 2020. This is the milestone indicated in article 1.2	
We understand that on 15/12/2020 TELT Board informed that this milestone will only be met in May 2021. Please explain why And provide the revised plan.	Lot 2 has not been assigned because the offer level was insufficient and unsatisfactory for Telt needs. In progress a renegotiation. Contract award planned in June 2021.



<u>Annex 5.2</u>

Are they any uncertainties as regards technical scope and budget at 31/12/2022?	No impact is expected considering the nature of these works. The works of Lot 01 of this contract have been completed, while Lot 2 of the Trimet Dams (bank defences on the Arc) consists of completion works of Lot 1 for less than €2 million, which have no impact on the main works of the base tunnel.
	Once awarded, these completion works can also be completed within 6 months and certainly by the end of the action (31/12/2022).

16. ACTIVITY **30 -** ARC BRIDGE (O.W. **9E**)

Questions by INEA	Reply by TELT
Inform on state of play of activities	Tender procedures for the award of PMC services are underway, strongly influenced by the COVID-19 health emergency. The tender specifications (DCE) were sent to the CdC on 01/02/2021, while the signing of the contract is expected to take place in February 2022.
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	As a result of the delays in the tendering processes related to the COVID-19 health emergency, the completion of the final design of the bridge over the Arc could be postponed from 2022 to with a related reduction in expenditure during the period of validity of the Action, although of a modest amount (approximately 350 thousand euros)



Annex 5.2

17. ACTIVITY 31 - MANAGEMENT OF EXCAVATED MATERIALS - ITALY (O.W. 10)

Questions by INEA	Reply by TELT
We take note of the administrative problems with the land acquisition and clearing of the site and that a solution is expected by mid-2021 (15/12/2020 Telt Board)	
Inform on the state of discussions and proposed solution	In order to anticipate all possible activities on the first temporarily available area of the Salbertrand site, a tender for waste removal was launched and will be awarded in the coming months. Similarly, consultations are underway with the local authorities to anticipate environmental monitoring activities.
	Due to the environmental liabilities of the Salbertrand site, the area of the industrial site has been divided into phases, concentrating in the most available area all industrial activities for the classification of the excavated rocks and for the construction of the prefabricated segments of the tunnels according to the studies of the company in charge of managing the project. To make up for the temporary lack of the other areas of the Salbertrand site, a solution was found for a storage and classification site for materials in the area of the Susa plain.
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	The delay in developing the works procurement procedures for the material storage and valorisation sites, essentially due to the slowdown imposed by the COVID-19 health emergency, will result in a notification of the works procurement contract at the end of the period of validity of the European Grant Agreement (31/12/2022). Within the scope of the Action, mainly all costs of studies and engineering activities related to the development of the tendering procedures will remain.
Inform on impact on civil works in Italy	The studies carried out by the companies in charge of the PMC of the Italian base tunnel works and on the sites for depositing materials and exploiting excavated rocks have identified phased solutions and alternative sites for use to ensure synergic development of the works. The risk areas are closely linked to the assessment of soil contamination values once all the removal of surface materials/waste is completed. No hypothesis can be developed at present. The action initiated by TELT in consultation with the local authorities was to anticipate all preliminary waste removal and environmental monitoring activities, in order to arrive as soon as possible at the ascertainment of any environmental liabilities.



<u>Annex 5.2</u>

18. ACTIVITY 32 - MANAGEMENT OF EXCAVATED MATERIALS - FRANCE – (O.W.11)

Questions by INEA	Reply by TELT
Inform on state of play of activities, particularly the start of worksite preparation foreseen at 01/01/2021 (milestone	The PMC contract for the operational site CO11 (activity manager 32) was awarded on 03/12/2020 (milestone and the consortium is working on the PRO studies and the drafting of the DCE of the works contract.
	The contract for the "Site preparation" works (milestone was signed on 4/02/2021 and the works are ongoing with an expected end by 30/06/2021 (milestone
	The signing of the agreement with a sexpected by the end of March 2021 and is the result of numerous working meetings. The agreement is currently being examined by management and legal departments. The delay in signing this agreement does not call into question the date of entry into service as SNCF-R has anticipated and already mobilized its teams to launch studies and plan the work.
	The call for tenders for the civil works of the CO11 was sent for publication in the JOUE on 29/11/2020 (milestone and the receipt of applications for the pre-qualification procedure took place on 08/02/2021 (milestone
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	Due to delays of several months in both the PMC and main works procurement procedures due to the effects of the Covid-19 health emergency, in particular the works contract could still be awarded by the end of 2022 (October 2022), with the possibility of ordering the selective material treatment machine before the end of 2022 (December 2022). However, the start of construction of the STM at the Illaz site (milestone cannot begin before
	The postponement of the contract award date will lead to a reduction in the expenditure foreseen in the Action that can be estimated at least €10-15 million today.



Annex 5.2

19. ACTIVITY 33 - ENGINEERING AND OTHER COSTS NOT INCLUDED IN OTHER OW

Questions by INEA	Reply by TELT
Inform on state of play of activities	All of the following main contracts contained in the scope of the Action, as well as a number of other smaller contracts, have been signed and are regularly running:
	• coordination of security during execution on the French side;
	• preparation of the executive project of environmental monitoring on the Italian side;
	• ante operam environmental monitoring and the water law on the French side;
	• technical engineering studies or audits to verify the design and planning prepared by the project management consultancy (MOE) companies and subcontractors;
	• execution of the environmental monitoring plan ante operam, in course of work and post operam on the Italian side;
	• coordination of security during execution on the Italian side; • environmental coordination of the activities on the Italian side;
Are they any uncertainties as regards technical scope and budget at 31/12/2022?	There are no uncertainties about the maintenance of the technical scope and budget of the Action, except for lower expenses due to the awarding of contracts or the postponement of the construction phases of the main works contracts.