

represents a material risk, for instance due to delays in progress, lack of necessary resources or other technical issues.



It is important to clarify that some of the measures do not correspond to an ongoing non-compliance IFC Standards and Equator Principles III but are in the process of being implemented or are still pending implementation. The status of the actions is shown in




Table 3 and has been evaluated with the following color coding.



 Solved  On Track  Pending  New action






Arup has updated the action plan according to information provided by the Concessionaire to close those activities that needed to be completed during the construction stage. Activities that require processes and longer times to be completed will continue to be monitored and followed up during O&M in order to close the gaps that still exist with respect to IFC PS and EP frameworks. Additionally, Arup highlights that only two of the actions refer to “concerns identified” related to sanctioning processes and offsets that may be potentially material in terms of affecting the Budget or compliance with PS1 and PS6. However, their follow-up may continue during O&M.





Table 3. Action Plan Monitoring – Pacífico 2.



No	Proposed Action	Proposed Deadline	Concern Status	Status (Updated May 2023)	Color code
1	<p>Environmental License, Minor changes, and Modifications</p> <p>The Concessionaire shall inform the Independent Engineer the status of all the Minor Changes and license modifications presented to the ANLA.</p> <p>UF: UF1.2, UF3 and UF4.</p> <p>PS: 1</p>	O&M	No concerns identified	<p>By means of communication 37-22-2022030700346 dated March 7, the Concessionaire requests the cease and file of the sanctioning process. On August 2, the authority made further requirements regarding the compensation plan.</p> <p>This action remains on track until Corantioquia’s further announcement.</p> <p>No additional minor changes have been requested thus far.</p>	
2	<p>Offset Plan: The Concessionaire has several offset obligations arising from the environmental license, the forestry use permits, the Cauca River Nature Reserve subtraction, and the incidental take permits. These compensations have different due dates, timelines, processes, and obligations (see Section 6.6 – PS6). Therefore, the Concessionaire shall inform in every monitoring period the progress in its compensation obligations.</p> <p>UF: All</p> <p>PS: 6</p>	O&M	Concerns Identified	<p>As of February 2022, the Concessionaire had achieved the closure of eight (8) resolutions regarding environmental compensation due to forestry use. Advances in the processes carried out with the environmental authorities for the approval of the performed activities have been evidence by Arup. Most of the compensation are already on track, while others are in bidding process.</p> <p>The compensation of Cauca River Nature Reserve Subtraction is pending for the execution. The plan was adjusted by the Concessionaire considering Corantioquia’s announcement.</p> <p>No considerable progress was reported on this period therefore Arup will need the following for next period:</p> <ol style="list-style-type: none"> 1. Updated and detailed report on all environmental offsets’ progress and state (Forestry use, Biodiversity loss, National incidental take, Regional incidental take, PAGA). This report shall be readable and self-contained. 	

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				<p>2. Special chapter with all relevant updates and progress on Cauca River Reserve Subtraction offset.</p> <p>The Cauca River Reserve Subtraction represents 1,578.79 ha for offsets. It is the biggest environmental offset in the Project and its execution is still pending. Cauca River Subtraction offset is environmentally delicate given that it is the biggest offset of the project, and no significant advance has been executed. The IESC reiterates the importance of this offset completion to restore ecological balance in the influence area and to ensure no net biodiversity loss; this for the Project to be following the PS6.</p> <p>This action remains On Track.</p>	
3	<p>Socioeconomic Compensations: Arup requests the Concessionaire submit advances regarding the restoration of livelihood conditions monitoring for the following periods.</p> <p>UF: UF1 and UF2 PS:5</p>	Construction	-	To date the Concessionaire has already paid the total socioeconomic compensations and all the 7 Social Units that required it have been translated to the compensation housing. It is pending the restoration of livelihood conditions monitoring reaches an end. Arup will perform an audit once the monitoring reaches and end.	
4	<p>Environmental Punitive Action: The Concessionaire has two (2) remaining punitive actions:</p> <ol style="list-style-type: none"> In October 2018, ANLA issued the beginning of an environmental punitive action because of a hydraulic structure in UF4. In May 2021, ANLA started other punitive actions for noncompliance regarding adjustments to the economic evaluation of impacts. <p>Arup requires periodically update of these processes to track them through next E&S report.</p> <p>UF: 4 PS:1</p>	O&M	Concern Identified	To date, the three procedures are currently ongoing, two (2) with ANLA and one (1) with Corantioquia. Arup finds the Concessionaire has been diligent submitting additional information and answering the requirements made by the authorities. This action remains on track until there are further announcement from the authorities. For the next monitoring report, Arup will continue monitoring any updates regarding these processes.	
5	<p>Fauna management measures During the previous site visit Arup evidenced the efforts of the Concessionaire for protecting fauna through the implementation of fauna passages in 10 different sites along the Project. The</p>	O&M	No concerns identified	<p>The Concessionaire sent wildlife run overs and rescue data.</p> <p>A total of twenty-five (25) fauna passages will be installed along the Project including underground and elevated types as a fauna management.</p> <p>The implementation of this management has been divided into two (2) phases: (i) construction of twelve (12) and (ii) construction of thirteen</p>	

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	<p>Concessionaire continues monitoring their effectiveness.</p> <p>The Concessionaire hired the Metropolitan Technological Institute for the design of all the fauna passages of the project. According to the study 20 different passages will be installed along the project including ground and elevated types. The designs have been approved by ANLA for 14 passages, with 6 still pending.</p> <p>UF: All PS:6</p>			<p>(13) fauna passages. The last phase also includes maintenance and monitoring effectiveness of the total (25) fauna passages.</p> <p>Currently thirteen (13) underground passages have been constructed and three (3) under bridge passages have been modified to serve as wildlife crossings. On the other hand, five (5) under bridge passages adaptations are under construction and four (4) aerial wildlife crossings are on pre-construction.</p> <p>For next period Arup requires updates on wildlife crossings from phase 2, especially aerial crossings and needs that the Concessionaire keeps sending information on wildlife runovers to evaluate effectiveness of the fauna and prevention on biodiversity loss.</p> <p>In UF4 one (1) wildlife crossing needed to be constructed before the end of construction phase as per the environmental license. This wildlife crossing has been already constructed and the IESC received photographic evidence.</p> <p>This action is marked as “On Track” and will continue in O&M phase until completion of wildlife crossing installation.</p>	
6	<p>Protection against COVID-19:</p> <p>Arup request the Concessionaire to submit in the next monthly report information regarding the results of the implemented measures to determine how the outbreak has affected the Project and its environment, and which programs are being included in the project in compliance with IFC PS 1, 2 and 4.</p> <p>UF: All PS: 2 and 4</p>	Construction	-	<p>Since the beginning of the Pandemic, the Concessionaire has reported 165 positive cases (from the EPC and the Concessionaire), all of them recovered and back to work. Additionally, the Concessionaire has vaccinated all its personnel.</p> <p>As the Colombian government has declared the end of the sanitary emergency, Arup finds Covid-19 infections to not be an elevated risk for the Project. The action is marked as completed.</p> <p>Updates on COVID-19 will be reported from now on only when significant events occur.</p>	
7	<p>Environmental files closure:</p> <p>Considering the end of works in UF2 and UF3. Arup requests that the Concessionaire report the progress on the environmental closure and the schedule for complying with the Supervisor and the environmental authorities’ requirements.</p> <p>UF: All PS:1</p>	Construction	-	<p>The Concessionaire has achieved the closure for UF4 under conditions on January 20, 2022. Therefore, all UF have reached environmental closure: UF 1, UF 2 and UF 3 in July 2019, October 2021, and August 2021, respectively. The Concessionaire has given an answer to the cure period for UF2. Furthermore, the Concessionaire has submitted the final report for closure of UF4 and addressed commentaries made by the Supervisor. This final report received Non-objection by the Owner’s Supervisor.</p> <p>UF5 has also received the Non-objection by the Owners Supervisor.</p>	

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8	<p>Archeological holders: Arup requested the Concessionaire to report the selected final holders of the archaeological material and the progress in the elaboration and approval of the final reports to ICAHN.</p> <p>UF: All</p> <p>PS:8</p>	Construction	-	<p>The Concessionaire has the Final Report from ICANH. The final holders of the material have also been identified and accepted by the authority.</p> <p>This action is marked “Solved” as the process is finalized, and the national authority has emitted the approved Final Report.</p>	
9	<p>Monitoring and evaluation of resettled social units: Due to COVID-19 the Concessionaire did not report the follow-up activities to the process of adaptation; however, is important to design methods and strategies that allow to measure the effectiveness of resettlement program and the restauration of previous livelihood conditions.</p> <p>UF: All</p> <p>PS: 5</p>	O&M	No concern identified	<p>As the resettlement process is finishing, Arup is designing the final audit with the objective of review all mitigation measures with respect to the physical and/or economic displacement implemented by the Concessionaire, a comparison of implementation outcomes against agreed objectives, a conclusion as to whether the monitoring process can be ended and, where necessary, a Corrective Action Plan listing outstanding actions necessary to accomplish the objectives.</p> <p>It is important that the Concessionaire remember to implement the final audit.</p>	
10	<p>Mass balance for ZODMES: Arup requests the mass balance of ZODMES quarterly for review.</p> <p>UF: All</p> <p>PS: 3</p>	O&M	No concerns identified	<p>Even though the Concessionaire submitted the mass balance, the data shows the Concessionaire is closing all permits regarding Zodmes, having none of them as a backup for contingencies in O&M stage. Thus, Arup requires the Concessionaire explicitly states what Zodmes are going to be used for contingencies during O&M.</p> <p>Furthermore, Arup requires further information related to the disposal material management considering the landslide occurred in UF5.</p> <p>The action remains on track.</p>	
11	<p>Monitoring campaigns schedule: Due to construction activities are finished, the periodicity of monitoring campaigns will change. Therefore, Arup requests the monitoring schedule updated for O&M considering the new permits requested which require monitoring campaign and/or reporting.</p> <p>UF: All</p> <p>PS: 3</p>	O&M	No concerns identified	<p>As of to date, the Concessionaire has not shared the schedule for monitoring campaigns that should be developed during the O&M stage. It should include the air, noise and water monitoring campaigns for fixed facilities such as CCO, service area, tolls, among others. The action remains on track.</p>	
12	<p>Retrenchment Plan: In previous reports the Concessionaire informed about different actions addressed to reduce adverse labor impacts at the end of construction phase. For Arup is important to</p>	Construction	-	<p>Progress was shared during the March 2022 site visit. Documentary information and evidence of the Concessionaire’s efforts to aid laid off personnel find new jobs in a rapid manner has</p>	

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	<p>know the monitoring and new actions developed by the Concessionaire in terms to reduce and mitigate the cut-back impacts.</p> <p>UF: All</p> <p>PS: 2</p>			<p>been submitted. Arup finds the actions taken by the Concessionaire in this matter are adequate.</p> <p>During this period the Concessionaire submitted a proper Retrenchment plan that complies with PS2.</p>	
14	<p>Grievances pending of response: The Concessionaire must give prompt solution to the five (5) grievances that still are open and are scheduled to be closed by the first semester of 2022. Until that, this PS will be pending.</p> <p>UF: All</p> <p>PS: 1</p>	Before end of construction phase	No concerns identified	<p>In compliance with the IFC PS1, the Concessionaire needs to respond to grievances in a determined amount of time to be following the standards. Up to December 2022, there was one (1) grievance that was still opened. As of May 2023, no information regarding pending grievance was sent.</p> <p>Nevertheless, it is relevant to mention that closing the grievance is not necessarily a material risk; therefore, follow-up actions can be carried out during O&M stage. However, it is reminded that to comply with this action is to comply with IFC PS1.</p>	
15	<p>Accidents: For this period, no information regarding accidents was submitted by the Concessionaire. Therefore, Arup requests an update that includes this data as well as additional events for the following monitoring period.</p> <p>UF: All</p> <p>PS: 2</p>	O&M	No concerns identified	<p>The Concessionaire sent reports on accident numbers and respective indexes. However, for next period, Arup requires that accidents are reported followed by the report of the event (description, date, severity, company) and follow up actions. This is in spirits of properly reviewing the Concessionaire and contractors' accident management and H&S for the Project's workers.</p>	
16	<p>GHG emissions: The Concessionaire has shared a document where Odinsa's targets are placed. Even though there is information about <i>Concesión La Pintada</i>, the information shared is not related to GHG emissions for the Concessionaire during 2020 and 2021. Furthermore, there are no explicit mitigation measures considered for GHG reduction as the PS N°3 required.</p> <p>UF: All</p> <p>PS:3</p>	O&M	No concerns identified	<p>The Concessionaire has not share the GHG emissions for 2020 and 2021 explicitly from <i>Concesión la Pintada</i>. Likewise, considering the site visit, Arup recognizes that low-carbon strategies are being pursued, however, it is unclear how these may influence GHG emissions results. Thus, Arup recommends submitting a strategic plan including the cost-effective options to reduce Project-related GHG emissions.</p> <p>as demanded by the PS°3. The action remains on track.</p>	
17	<p>Water consumption: Although the construction stage has finished, the Concessionaire should continue submitting the water consumption data since the Project is still requiring this source for O&M activities. The information shall come along with the strategies implemented to reduce consumption and KPIs to follow-</p>	O&M	No concerns identified	<p>Even though the Concessionaire has a good traceability of water consumption, further information is required related to the activities and strategies developed during O&M stage to reduce water consumption and the KPI implementation to show its effectiveness. The action remains on track.</p>	

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	up performance and improve it over time. UF: All PS: 3				
18	Waste management: Arup requires the Concessionaire to submit information related to waste management which shall involve generation quantities, disposal quantities, certifications along the chain of custody and licenses from the third parties involved within the waste management process. UF: All PS: 3	Construction	-	The Concessionaire has submitted the information required previously including certifications and the entire chain of custody of wastes along with the licenses and permits from the third parties involved in the waste management. The action is marked as solved. Arup is expecting the Concessionaire continue submitting this information within the PS°3 compliance.	
19	Potential new land acquisition process: The Concessionaire kept communications with owners and inhabitants of 6 properties in UF 5-Queibra de Guamito sector, that could be impacted for land acquisition. For the next period Arup request detailed information about this process, including the properties needed to be acquired and the communications held with the affected people. UF: 5 PS: 5	O&M	No concerns identified	New Action because of the quarterly follow-up performed by December 2022.	
20	Labor and Working Conditions documents: For the IESC to review compliance with PS2 the Concessionaire has to keep submitting information about trainings, inductions, minutes of COPASST and Social Committee, internal petitions, complaints, claims and suggestions. PS: 2	O&M	No concerns identified	New Action because of the quarterly follow-up performed by December 2022.	