

## Results Matrix

### Outcomes

<b>Outcome:</b>	1 Increased capacity of the National Hydrometeorological Services of Ecuador, Peru, and Bolivia to forecast river floods and issue early warnings										
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	2025	2026	2027	EOP		
1.1 A real-time updatable hydrological model implemented for Ecuador, Peru, and Bolivia (Amazon Basin)		#	0.00	2024	Reporte de implementación del modelo	P	0.00	0.00	1.00	1.00	
						P(a)	0.00	0.00	1.00	1.00	
						A					

CRF Indicator

### Outputs: Annual Physical and Financial Progress

1 Development of Hydrological Modeling System and Improvement in Flood Hazard Warnings in the Andean Basin						Physical Progress				Financial Progress				Theme	Fund	Flags		
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year	Means of verification	2025	2026	2027	EOP	2025	2026	2027	EOP					
1.1 Reports on the improvement of flood hazard warnings, including hydraulic modeling.		Reportes	0	2024	Reports issued by each beneficiary National Hydrometeorological Service	P	0	0	3	3	P	38500	38500	38500	115500	Disaster Prevention	W1A	
						P(a)	0	0	3	3	P(a)	38500	38500	38500	115500			
						A					A							
1.2 Real-time updatable Hydrological Model implemented for Ecuador, Peru, and Bolivia (Amazon Basin)		Modelos	0	2024	Consultancy products approved	P	0	0	1	1	P	96000	96000	96000	288000	Disaster Prevention	W1A	
						P(a)	0	0	1	1	P(a)	96000	96000	96000	288000			
						A					A							
1.3 Web portal in GIS with information for the support of monitoring and forecasting of river floods implemented		Portal web	0	2024	Functional link to Web Portal	P	0	0	1	1	P	0	8000	16000	24000	Disaster Prevention	W1A	
						P(a)	0	0	0	0	P(a)	0	8000	16000	24000			
						A					A							
2 Strengthening of capacities, dissemination of scientific results, and support of project monitoring						Physical Progress				Financial Progress				Theme	Fund	Flags		
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year	Means of verification	2025	2026	2027	EOP	2025	2026	2027	EOP					
2.1 Technical notes created	Artículos científicos publicados en revistas especializadas de alto impacto	Notes (#)	0	2024	Article published	P	0	0	2	2	P	0	1500	2000	3500	Disaster Prevention	W1A	
						P(a)	0	0	2	2	P(a)	0	1500	2000	3500			
						A					A							
2.2 Supervision reports completed	Informe anual de gestión de los beneficiarios con estimación de aporte de contrapartida local	Reports (#)	0	2024	The annual management report of the beneficiaries is available	P	1	1	2	4	P	18000	18000	18000	54000	Disaster Prevention	W1A	
						P(a)	1	1	2	4	P(a)	18000	18000	18000	54000			
						A					A							

Other Cost
Evaluations

	2025	2026	2027	Cost
P	\$0.00	\$0.00	\$15,000.00	\$15,000.00
P(a)	\$0.00	\$0.00	\$15,000.00	\$15,000.00
A				

Total Cost

	2025	2026	2027	Total Cost
P	\$152,500.00	\$162,000.00	\$185,500.00	\$500,000.00
P(a)	\$152,500.00	\$162,000.00	\$185,500.00	\$500,000.00
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CRF Indicator

Standard Output Indicator