



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



Programme for Country
Partnership **Peru**



PERU

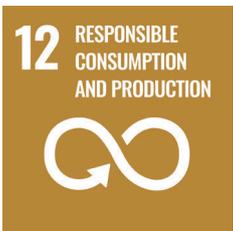
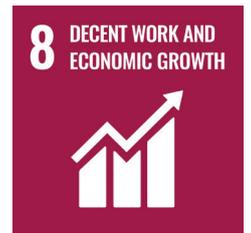
**PROGRAMME FOR
COUNTRY PARTNERSHIP (PCP)**

ANNUAL REPORT 2021





SUSTAINABLE DEVELOPMENT GOALS





CONTENTS

1. EXECUTIVE SUMMARY	4	5. RESPONSE TO COVID-19	25
2. INTRODUCTION	5	6. LESSONS LEARNED AND BEST PRACTICES	26
3. ALIGNMENT WITH AND CONTRIBUTION TO UNSDCF	8	7. COMMUNICATION	26
4. PROGRAMME-LEVEL RESULTS	6	8. UPCOMING MILESTONES AND MAJOR RESULTS EXPECTED IN 2022	27
4.1 COORDINATION AND GOVERNANCE	6	ANNEX 1: PCP PORTFOLIO OVERVIEW – UNIDO TC	29
4.2 PARTNERSHIPS AND RESOURCE MOBILIZATION	7	ANNEX 2: INVESTMENTS LEVERAGED BY THE PCP, INCLUDING FORECAST FOR 2022	31
4.3 RESULTS OF PCP ADVISORY SERVICES	10		
4.4 TECHNICAL COOPERATION RESULTS	12		
4.4.1 PCP priority area: Quality and Innovation	14		
4.4.2 PCP priority area: Value Chain and Enterprise Development	16		
4.4.3 PCP priority area: Sustainable Industrial Parks	17		
4.4.4 PCP priority area: Industrial Resource and Energy Efficiency and Renewable Energy	20		
4.4.5 Cross-cutting interventions	23		

THE PCP AT A GLANCE

	COUNTRY PERU
STATUS	<ul style="list-style-type: none"> • Date of approval of the development of the PCP by the UNIDO Executive Board: 16 November 2015 • Programming: January 2016 – December 2017 • Implementation: Started 2018 - ongoing • Expected completion date: 2022
PRINCIPLE NATIONAL POLICY/STRATEGY SUPPORTED BY THE PCP	<ul style="list-style-type: none"> • Bicentennial Plan: Peru 2021 (Plan Bicentenario: El Perú hacia el 2021) • National Plan of Competitiveness and Productivity 2019-2030
FOCUS SECTORS/ AREAS	<ul style="list-style-type: none"> • Quality and innovation • Value chain and enterprise development • Sustainable industrial parks • Industrial resource and energy efficiency, and renewable energy
MAIN PARTICIPATING MINISTRIES	<ul style="list-style-type: none"> • Ministry of Production (Lead) • Ministry of Environment • Ministry of Foreign Affairs • Ministry of Transport and Communications • Ministry of Foreign Trade and Tourism
KEY DEVELOPMENT PARTNERS	<ul style="list-style-type: none"> • Financial institutions: Development Bank of Latin America (CAF) International Financial Corporation/World Bank (IFC/WB), Inter-American Development Bank (IaDB), International Fund for Agricultural Development (IFAD), National Development Bank of Peru (COFIDE) • Bilateral/multilateral partners: China, European Union (EU), Germany, Global Environmental Facility (GEF), Republic of Korea, Spain, Swiss State Secretariat for Economic Affairs (SECO). • UN entities: Resident Coordinator's Office (RCO), International Labour Organization (ILO), United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP), World Health Organization (WHO), United Nations Institute for Training and Research (UNITAR), UN Women • Business sector: Asociación de Exportadores – ADEX (Association of Exporters), Cámara de Comercio de Lima - CCL (Chamber of Commerce of Lima), Sociedad Nacional de Industria – SNI (National Association of Industries) • Other partners: Peruvian Congress, Pontificia Universidad Católica del Perú - PUCP (Pontifical Catholic University of Peru), regional governments, Universidad de Lima (University of Lima).



UNIDO PROJECTS WITH FUNDING SECURED¹ <i>(COMPLETED AND ONGOING)</i>	<ul style="list-style-type: none"> • Total number of projects: 13 • Total funding secured: \$ 16,340,878 • Total expenditures to end of current reporting period: \$ 3,552,159² • Total balance available: \$ 11,423,271
TOTAL INVESTMENTS LEVERAGED³ <i>(CUMULATIVE)</i>	\$ 173,805,378
TOTAL PCP VOLUME	\$ 190,146,255

¹ Funding secured: The total budget (net, i.e. excluding programme support costs) under signed agreements for UNIDO programmes and projects, indicated in US\$ amounts.

² Refers to expenditures of national projects.

³ Funding leveraged: These include public or private resources, in cash or in-kind, allocated by public or private partners towards the objectives of the PCP. They are contributed partly as a result of UNIDO interventions within the framework of the PCP, and based on a verbal or written commitment. Such resources are not channeled through UNIDO's accounts and accordingly not under the Organization's direct control.

1. Executive summary

This summary highlights the main activities and key achievements of the Programme for Country Partnership (PCP) for Peru from January until December 2021.

The programme contributes to the development of a modern, competitive and inclusive industry, and is aligned with the country's main development policy framework "Plan Bicentenario: El Perú hacia el 2021" (Plan 2021), a strategic plan aimed to drive Peru towards an inclusive and sustainable development model.

In 2020, the project on the development of eco-industrial parks in Peru began its implementation phase and UNIDO started to provide advisory services to the Ministry of Production (PRODUCE) for the development of a New Industrial Policy. A preparatory assistance phase for scientific and technological park development in partnership with Concytec also started its implementation. In line with these developments, the Vice-Minister of SMEs and Industry and the focal point of the PCP Peru sent a formal request to UNIDO to extend the PCP Coordination mechanism for the year 2021. In light of the expansion of the Programme, the Government of Peru committed to provide the PCP with additional support for its operations.

The year 2021 kept up the strong cooperation with the Government of Peru, with the formulation of new initiatives requested by PRODUCE, and developed within the framework of the PCP. These prioritized initiatives (in the areas of circular economy, science and technology parks and aquaculture) were presented at the first meeting of the PCP Partner and Donors Working Group (PDWG), held on 4 February 2021.

In November 2021, the Government of Peru, represented by the Vice-Minister of SMEs and Industry of PRODUCE (i.e., the ministry acting as Chair of the Multilateral Commission for the PCP), presented the PCP Peru experience at the occasion of UNIDO's Eighth ISID Forum: Partnerships for Socio-Economic Recovery, held on 29 November as part of the Organization's 19th General Conference. The intervention reiterated that the Government of Peru assigns the greatest importance to the PCP as an instrument to mobilize partners and generate alliances and initiatives in pursuit of inclusive and sustainable industrial development, which has resulted in a significant mobilization of technical cooperation (TC) resources since the beginning of PCP implementation and achievements in each of its components. The Peruvian intervention further stressed that the alignment of capacities, interests and objectives between the Government of Peru and UNIDO has made it possible to generate powerful interventions, aimed, among others, at meeting the challenges facing Peru as a middle-income country, in order to advance industrialization.

The implementation of projects continued throughout 2021, with 11 UNIDO projects under implementation.⁴ By the end of 2021, funding for PCP Peru technical assistance amounted to \$ 16,340,878 (completed and ongoing projects since the start of the PCP and excluding programme support costs). Cumulative investments and co-funding leveraged since the initiation of the PCP reached \$173,805,378. The pipeline of UNIDO TC projects for 2022 is estimated at over \$9 million.

In terms of governance, during the reporting period, the Government of Peru, through its Ministry of Production, continued increasing its contribution to the Programme, including through in-kind and financial support for the PCP Peru Executive Unit in 2021, and committed resources to support the PCP coordination mechanism during 2022.

During 2021, the PCP served to reinforce UNIDO's presence in UNCT activities, among others, through its active participation in the first phase of the Common Country Assessment (CCA), led by the Resident Coordinator's office (RCO) for the new UN Sustainable Development Cooperation Framework (UNSDCF) 2022-2026, as well as in the discussions and work for the definition of the Framework, which was signed in September 2021. UNIDO's comparative advantage, as well as the strong partnership developed with the UN development system (UNDS) resulted in UNIDO being invited to co-lead Strategic Priority 3 on "inclusive and sustainable competitiveness and productivity" of the new UNSDCF.

⁴ Two UNIDO projects under the PCP framework were completed by 2021.



The year 2021 marked a year of political changes in the country. The new President, H.E. Mr. Pedro Castillo took office in July 2021. Together with the COVID-19 pandemic, these changes affected programmed activities, but the implementation of measures foreseen in the PCP Contingency Plan allowed for technical work to continue with relative continuity. Ongoing activities are being developed by the Government and UNIDO to foster fundraising, investments and partnerships for the PCP and the projects under its umbrella.

As the PCP Peru enters its completion phase in 2022, it will include the conduct of an independent evaluation to help determine the best way forward.

2. Introduction

UNIDO's mandate for Inclusive and Sustainable Industrial Development (ISID) is anchored within the internationally agreed 2030 Agenda and the 2013 Lima Declaration. The Sustainable Development Goal (SDG) 9: "*Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation*" is at the core of UNIDO's mandate and working agenda. Nevertheless, achieving ISID requires a broader range of resources than any individual entity can provide.

To this purpose, UNIDO embraced an innovative multi-stakeholder partnership model to promote inclusive and sustainable industrial development - the Programme for Country Partnership (PCP). Aligned with the national development agenda, the PCP supports Member States in achieving their industrial development goals through four key features: (i) host government ownership; (ii) a multi-stakeholder partnership; (iii) the mobilization and coordination of three streams of financial resources – development assistance, public finance, business sector investment – under the leadership of the host government; (iv) a strong analytical framework identifying the main opportunities and bottlenecks for advancing ISID, taking into account the existing national policy framework; (v) a selection of priority industrial sectors/areas; and (vi) programme-level impact.

Peru was selected as the pilot country for the Latin America and Caribbean (LAC) region for the new PCP model. In December 2015, the Government of Peru and UNIDO began to develop a holistic programme with the purpose to accelerate inclusive and sustainable industrialization in the country. The four components/priority areas identified for the PCP Peru, integrating ISID, the SDGs and the national priorities for 2016-2021, are:

- Component 1: Quality and Innovation
- Component 2: Value Chain and Enterprise Development
- Component 3: Sustainable Industrial Parks
- Component 4: Industrial Resource and Energy Efficiency and Renewable Energy
- Cross-cutting elements: Gender mainstreaming and policy advice

The PCP's implementation phase started in April 2018. Since the start of the programme, UNIDO has been providing technical assistance, policy advice and strategic guidance to the Government of Peru to reach its industrial development objectives.

The PCP Peru was developed to contribute to the country's main development policy framework, the "Plan Bicentenario: El Perú hacia el 2021" (Plan 2021), a strategic plan that aims to drive Peru towards an inclusive, sustainable and planned development model. This plan, defined by the Central Planning Agency (CEPLAN), outlines the roadmap and objectives for 2021. It defines six strategic axes: (1) human rights and social inclusion; (2) opportunities and access to services; (3) state and governance; (4) economy, competitiveness and employment; (5) regional development and productive infrastructure; and (6) environment, biological diversity and disaster risk management. The 4th, 5th and 6th axes are the most relevant components the PCP Peru is contributing to.

3. Alignment with and contribution to UNSDCF

During 2021, UNIDO, through the PCP Peru, participated actively in UNCT activities in Peru. UNIDO contributed to the UN Common Country Assessment (CCA)⁵, led by RCO for the new UNSDCF 2022-2026, providing various inputs and analyses aimed at ensuring that the needs of the industrial sector are reflected in the new Cooperation Framework. The inputs were prepared in close coordination with PRODUCE by leveraging the exercise on identifying the existing challenges on the industrial sector, carried out within the framework of the development of a new industrial policy.

On 7 September, the UNSDCF 2022-2026⁶ was signed by the UN Resident Coordinator (RC) and the Minister of Foreign Affairs of the Republic of Peru. The UNSDCF has four strategic priorities (SP):

1. Well-being of the people and equal access to opportunities;
2. Environmental management, climate change management and disaster risk management;
3. Inclusive and sustainable competitiveness and productivity;
4. Effective democratic governance and equitable exercise of citizenship.

The UNCT Configuration Report was also prepared within the process of the UNSDCF development. UNIDO's role and comparative advantages are reflected in the report, which:

- Recognizes UNIDO's ISID mandate, in particular SDG 9, as "accelerators" to contribute achieving SP2 (Environment, climate change and disaster risk management) and SP3 (Inclusive and sustainable competitiveness and productivity).
- Includes references to the PCP's capacities to develop strategic alliances and capacities to implement projects.
- Includes UNIDO as a relevant actor in 2 of the 4 strategic priorities (SP 2 and SP 3).

UNIDO's comparative advantage, as well as the strong partnership with the UNDS led to it being invited to co-lead Direct Effect 5 (Strategic Priority 3), referred to "inclusive and sustainable competitiveness and productivity", of the new framework.

As 2021 was the last year of the implementation of United Nations Development Assistance Framework (UNDAF) 2017-2021, the PCP Peru team also participated in the final reporting activities of the framework.

4. Programme-level results

4.1 COORDINATION AND GOVERNANCE

In light of the changes in the Government in 2021, discussions resumed with the Technical Secretariat of the **Multisectoral Commission, the PCP national coordination body**, regarding pending actions since its last meeting and the planning of the next steps. The following points were discussed:

- **Terms of Reference of the Commission:** These were distributed among the Commission's members for assessment and approval.
- **Proposal to align the PCP with the National Competitiveness and Productivity Policy and Plan**, noting the need to evaluate it in light of the new Government's policies.

⁵ <https://peru.un.org/index.php/es/144207-analisis-comun-de-las-naciones-unidas-sobre-el-peru>

⁶ The new UNSDCF 2022-2026 and the briefing note prepared by RCO can be consulted at the following link on the UN Peru website: <https://peru.un.org/es/143284-marco-de-cooperacion-para-el-desarrollo-sostenible-2022-2026>



- **Semi-annual report:** The Technical Secretariat requested the Executive Unit's support in preparing this report for the Multisectoral Commission.

The Technical Secretariat of the Commission, led by the General Directorate of Policies and Regulatory Analysis of PRODUCE, called a meeting in November 2021 with the purpose of approving its internal regulations.

The **Partner and Donor Working Group (PDWG)** of PCP Peru held its first meeting on 4 February 2021. The meeting was chaired by the Minister of Production and received strong support from the international community in Peru. As a follow up to the PDWG meeting, a series of bilateral meetings with various technical and financial cooperation actors present in Peru were conducted jointly by the Ministry of Production and other counterparts (such as CONCYTEC for the science and technology parks (STP) initiative), and UNIDO. During the reporting period, several PDWG follow-up activities were developed. These activities are described in the Resource Mobilization section.

During the reporting period, PRODUCE continued its contribution to the coordination of the Programme, providing in-kind and financial support to the PCP Peru Executive Unit (the PCP national coordination office). In May 2021, the Ministry of Production committed resources to support the coordination mechanism during 2022, to be provided through the General Budget Law of the Republic of Peru in 2022.

4.2 PARTNERSHIPS AND RESOURCE MOBILIZATION

As of December 2021, the funding mobilized for UNIDO technical assistance amounted to \$16,340,878 (completed and ongoing projects since the start of the PCP, and excluding programme support costs). Cumulative investments and co-funding leveraged since the initiation of the PCP reached \$173,805,378.

At the occasion of the first PDWG meetings held in 2021, three Director Generals from the Ministry of Production, as the Ministry acting as Chair of the Multilateral Commission of PCP, presented new concept notes developed during Q4-2020 and January 2021 as priority for international cooperation, namely: i) Support for the transition to the circular economy of the prioritized sectors in the Peruvian manufacturing industry; ii) Menu of technological services specialized in the circular economy for the CITE Network; and iii) Promotion of the integrated development of the sustainable aquaculture value chain in Peru. In addition to these initiatives, the initiative "Development of Scientific and Technological Parks in Peru, jointly developed with CONCYTEC (National Science Council)" was presented.

A series of bilateral meetings with various technical and financial cooperation actors present in Peru, as well as with the national focal points of global funds such as the GCF and the GEF were conducted during 2021 as follow-up to the PDWG.

The resource mobilization work throughout the year was dedicated to, among others:

- Defining with PRODUCE the "bridge mechanism" for the continuation of the PCP Executive Unit. This involved the presentation and submission of various work plans, inputs and reports requested by PRODUCE as part of the process of contracting the Executive Unit during the July - August period, as well as to ensure the allocation of resources for 2022.
- Calls and contacts with identified partners and donors, following up on the bilateral meetings held after the first PDWG meeting.
- Development, at the request of PRODUCE (DGAAMI) of strategic planning activities for the implementation of the circular economy (CE) roadmap for industry, also including the definition of specific activities for the survey of the state of the art of CE, to be presented to SECO, following up on the commitments made by the donor in the framework of the ongoing GEIPP project.
- Meetings with national counterparts and technical areas in Vienna to obtain resources under the CTCN to support the development of a national sustainable aquaculture plan.
- Work within the framework of PAGE to obtain additional resources for ongoing activities, particularly with regard to the development of a new industrial policy.

The aforementioned prioritized initiatives were further developed in cooperation with national technical counterparts, the PCP team in the field, and UNIDO's technical divisions. Below are some of the main resource mobilization activities for each of the prioritized initiatives.

Component: Sustainable Industrial Parks

“Development of Scientific and Technological Parks in Peru”, jointly developed with CONCYTEC (National Science Council)

– This project was developed within the framework of component of the PCP Peru on sustainable industrial parks. In coordination with the PCP Peru, the Executive President of CONCYTEC sent a formal communication (5 July 2021) to the EU Delegation in Peru indicating his interest in having this proposal considered for the purposes of future programming.

Global Eco-Industrial Parks Programme - Peru: Country Level Intervention

At the beginning of 2021, the three pilot industrial parks signed a commitment agreement with UNIDO. These agreements have served as the starting point for the technical assistance provided by the project.

In May 2021, the most important industrial private association, the National Industry Society (SNI) signed an agreement with UNIDO in order to facilitate and promote the identification and involvement of Peruvian companies located in Lurin in the project.

Component: Quality and Innovation

“Support for the transition to the circular economy of the prioritized sectors in the Peruvian manufacturing industry”

– UNIDO and PRODUCE, discussed with SECO, the possibility of allocating funds from the GEIPP project, to contribute to the needs of the Circular Economy Roadmap for industry, specifically to finance a “Diagnosis of industrial processes with potential for the implementation of circular models.” ToRs were prepared jointly with the DGAAMI team. This study can be seen as an “early harvest” in the implementation of said initiative and would contribute to the work done under component 3 on industrial resource and energy efficiency and renewable energy.

Component: Industrial Resource and Energy Efficiency and Renewable Energy

“Menu of technological services specialized in the circular economy for the CITE Network” - The PCP's Executive Unit has been working alongside with the Technological Institute for Production (ITP) and ENE concerning the incorporation of technological services linked to the circular economy in the CITE network of this institute. A concept note has been developed and will be presented to potential donors.

Component: Value Chain and Enterprise Development

“Promotion of the integrated development of the sustainable aquaculture value chain in Peru” – This project seeks to promote sustainable aquaculture and create value added for hydro biological products, in line with component 2 of the PCP. The team has been discussing with the Peruvian GEF operative focal point (OFP), the possibility of presenting the project in the Eighth GEF Replenishment that will be launched in 2022.

- In coordination with MINAM, the proposal was sent on 25 October by the National Coordinator of the PCP to obtain the preliminary opinion from the corresponding technical areas of MINAM.
- On 23 December, the Directorate General of Biological Diversity, welcomed the initiative and made some contributions related to biodiversity with a view to enriching the scope and content of the proposal. The contributions were taken into account and incorporated in the proposal by PRODUCE. The next steps are to obtain the endorsement of the OFP and submission to the GEF.



Within the framework of the **PAGE Programme**, the German Government offered the possibility of additional support for Green Economic Recovery. In this context, the partnering agencies, together with the RCO, prepared a proposal and sent it to the PAGE Secretariat, which approved it at a technical level. Part of the additional funds are going to be utilized to reinforce the ongoing work of the National Policy for Industrial Development (NPID), currently under formulation. This initiative contributes directly to the cross-cutting elements of the PCP Peru related to policy advice.

GQSP – “Strengthening the coffee and cocoa quality for exports from Peru”

GQSP Peru has consolidated cooperative relationships with other projects funded by the Swiss Agency for Development and Cooperation in Peru and in the same cocoa and coffee value chains, like SeCompetitivo Program, Green Commodities and Sustainable Cocoa Landscapes.

In the case of the SeCompetitivo Programme, during the first half of the year, GQSP Peru held a coordination meeting to exchange information on the activities that both projects had programmed with the Sub-Directorate of Organic Production of National Service of Agrarian Health of Peru (SENASA) to identify synergies.

In the case of the United Nation Development Program (UNDP) “Green Commodities” project, which supports the implementation of the National Coffee Plan, virtual coordination was maintained to exchange information and contacts in the San Martin region.

In the case of the “Sustainable Cocoa Landscapes” project, there was coordination for the participation of cocoa cooperatives in GQSP Peru activities such as the block chain study.

Regional project “Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean”

A regional proposal to seek technical assistance from the Climate Technology Centre and Network (CTCN) was drafted and is being revised by the regional project’s focal points before submission to Peru’s National Designated Entity (NDE) of the CTCN. The proposal seeks to support the development of a roadmap for sustainable aquaculture complementing the efforts of UNIDO’s regional project.

In Q4 funding for the Trust Fund for Latin America and the Caribbean was pledged by Germany’s Federal Ministry for Economic Cooperation and Development (BMZ). The proposal includes additional funds in value of EUR 172,778 for the regional aquaculture project.

Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses in a context of climate change

UNIDO developed a partnership with FAO and IFAD as co-implementing agencies of the project “Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change”. This project was approved by the GEF council in June 2021 and is part of the Amazon Sustainable Landscape Programme (Phase 2) led by the World Bank, with the objective to advance the conservation of healthy and functional forests and wetlands resilient to climate change, maintaining carbon stocks, preventing GHG emissions, and generating sustainable and resilient local livelihoods.

Cross-cutting

Accelerating SDG 9: “Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships”

As the SDG 9 Accelerator is a transversal project, it has potential for enhancing further synergies in the PCP. In 2021, UNIDO initiated the elaboration of a LAC regional technical cooperation catalogue, which will include the technical offer of partner

institutions, such as the Peruvian Agency for International Cooperation (APCI). Furthermore, through the PCP Executive Unit, UNIDO also reached out to the National Society of Industries (SNI) of Peru to involve them in dialogues with the private sector at a regional level.

4.3 RESULTS OF PCP ADVISORY SERVICES

At the Programme level, the Executive Unit contributed with PRODUCE in mapping the extent to which the implementation of UNIDO's activities and those of other initiatives represent in themselves activities for the implementation of the National Roadmap for the Transition to a Circular Economy for the Industry., the projects on industrial zones and parks of the PCP have been contributing to the implementation of the Roadmap, due to the great affinity and similarity of their objectives and actions, through the promotion of capacity-building in resource efficiency and cleaner production (RECP).

The PCP Executive Unit supported PRODUCE with two studies: i) the updated mapping of coordination spaces for the development of initiatives on inclusive and sustainable industrial development with which the PCP can articulate actions; and ii) the generation of inputs for the development of a new industrial policy.

The main achievements per component are described below:

Component 1: Quality and Innovation

Under the GQSP project, "Strengthening the coffee and cocoa quality for exports from Peru", the capacities of the National Institute of Quality (INACAL) and entities of the National Quality System related to the coffee and cocoa chains (INIA, SENASA) were strengthened.

Component 2: Value Chain and Enterprise Development

As part of the regional project "Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean," support was provided for the development of national roadmaps on freshwater aquaculture, which will serve as basis for the elaboration of the regional roadmap. A tailor-made freshwater aquaculture value chain analysis methodology was developed and discussed with the project's focal points in June. Upon request of the national counterparts, in December UNIDO designed a scheme that includes the characteristics for the implementation of a communication strategy, positioning and maintenance of the certification mark created "Acuicultura Sostenible". Based on the requested advisory services, a consultant will be hired by UNIDO to support the certification mark.

Component 3: Sustainable Industrial Parks

The "Global Eco-Industrial Parks Programme - Peru: Country Level Intervention" has been working closely with the public sector, especially the Ministry of Production towards building a more resilient and sustainable industry by strengthening the regulatory framework.

On 6 July, the official publication of the updated National Regulation for Industrial Parks System in Peru (SNIP) was announced. The regulation now includes the EIP approach for establishing a favorable policy environment to promote more sustainable industrial parks, Eco-Industrial Parks, in Peru (Supreme Decree 015-2021-PRODUCE and RM 000204-2021-PRODUCE). The update of the national regulation was the result of the thorough work of the PRODUCE technical team and UNIDO specialists.

In the new regulation, provisions for the promotion and sustainable management of the Industrial Parks in the SNIP is laid down in Article 4. It indicates that environmental, economic and social sustainability criteria must be considered in planning, construction, and management of industrial parks. Additionally, the regulation promotes an inclusive, innovative, sustainable and circular industrial development for companies, the communities and the environment where



the Industrial Parks are located. The amendment of the regulation is signed right after another fundamental breakthrough in the creation of the EIP policy task force. This multidisciplinary group constituted by more than 15-trained professionals to provide support for EIP policy improvement and in disseminating the economic, social and environmental benefits of Eco-Industrial parks. The EIP Policy task force brings together representatives from the public sector, private industrial parks, and the academic sector. The creation of the policy task force is the result of a series of workshops conducted by the GEIPP in Peru.

Component 4: Industrial Resource and Energy Efficiency and Renewable Energy

The regional project “Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin American Countries” has worked closely with the Ministry of Environment on policy and awareness raising activities, including:

- The approval of the Complementary Provisions to Supreme Decree N° 009-2019-MINAM that approves the Special Regime for the Management and Handling of Waste Electrical and Electronic Equipment, through Supreme Decree N° 035-2021-MINAM (referring to the establishment of targets for Category 8 (Medical devices and clinical laboratory equipment) and Category 5 (Lighting equipment)).
- To have a Guide for the elaboration of the WEEE Management Plan.
- To have a communication and awareness-raising strategy for local governments for the proper management of WEEE that will be delivered to municipalities for its implementation.
- To have guidelines for the management and handling of Waste Electrical and Electronic Equipment - WEEE for producers and generators.

Cross-cutting elements: Gender mainstreaming and policy advice

The project “Economic empowerment of Women in Green Industry” conducted different activities, among which the training workshops, jointly developed and conducted with UN Women can be highlighted:



Peruana de Moldeados S.A. - Company involved in the GEF SIZ project in Peru.



Productos Paraiso del Peru S.A.C. - Company involved in the GEF SIZ project in Peru.

At the national and provincial level: courses for incorporating the gender perspective at the ministerial and government level (policymakers):

Training on gender equality on women's economic empowerment for businesswomen and professionals in the green industry (entrepreneurs).

4.4 TECHNICAL COOPERATION RESULTS

The Programme has four components: (I) Quality and Innovation, (II) Value Chains and Enterprise Development, (III) Sustainable Industrial Parks and Zones and (IV) Energy and Resource Efficiency, Renewable Energy. The PCP Peru also has a transversal components on policy advice and gender. The following table summarizes the funds mobilization achieved within the framework of the PCP Peru.

Resource Mobilization Summary (USD)						
ERP ID	PCP Project	Committed Funds to PCP Projects (2018-2021)				
		UNIDO TC (Funding Secured)	Parallel funding From public and private partners			
			In-kind	Public Investment	Loan	Grant
Priority areas						
Quality and innovation						
180151	"Strengthening the coffee and cocoa quality for exports from Peru"	\$2 197 225	\$162 689			
	Total	\$2 197 225	\$162 689	\$0	\$0	\$0
Value chain and enterprise development						
190176	"Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change"	\$5 164 683	\$21 139 803	\$102 290 503		\$172 171
190176	"Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean"	\$33 345				
	Total	\$5 198 028	\$21 139 803	\$102 290 503	\$0	\$172 171
Sustainable industrial parks						
150061	"Sustainable Industrial Zones Development in Perú"	\$4 114 000	\$3 307 100	\$35 825 704	\$5 000 000	
180318	"Eco - Industrial Park Development in Perú"	\$2 148 852	\$307 500			
	Total	\$6 262 852	\$3 614 600	\$35 825 704	\$5 000 000	\$0



Resource Mobilization Summary (USD)						
ERP ID	PCP Project	Committed Funds to PCP Projects (2018-2021)				
		UNIDO TC (Funding Secured)	Parallel funding From public and private partners			
			In-kind	Public Investment	Loan	Grant
Priority areas						
Industrial resource and energy efficiency, and renewable energy						
170099	“Mainstreaming of Energy and environmental dimension of PCP Peru”	\$111 589				
130090	“Partnership for Action on Green Economy” (PAGE)	\$104 000	\$46 000			
140297	“Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin American Countries”	\$703 704				
Total		\$919 293	\$46 000	\$0	\$0	\$0
Cross-cutting						
170065	“Economic empowerment of women in green industry”	\$271 566				
180059	ITPO Korea “Advisory Programme”	\$335 700				
190065	ITPO Italy. “Fostering international partnership between companies and institutions operating in the energy and environment sectors”	\$237 266				
109015	Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships	\$40 655				
150413	Programme for Country Partnership, Peru - Fostering Productive Diversification	\$878 292	\$53 908		\$5 500 000	
Total		\$1 763 479	\$53 908	\$0	\$5 500 000	\$0
Total for the PCP portfolio		\$16 340 878	\$25 017 000	\$138 116 207	\$10 500 000	\$172 171
			\$173 805 378			

4.4.1 PCP PRIORITY AREA: QUALITY AND INNOVATION

The objective of this component is to foster a sustainable and inclusive balance between the supply and demand for quality and innovation services. This component also seeks to promote the national quality plan (NQP) and the development of efficient and effective quality infrastructure as a tool for continuous improvement and innovation of production processes, and will work to strengthen conformity assessment for monitoring purposes, promote the demand for quality infrastructure and the production of goods that meet quality standards.

To support SMEs in meeting international standards and drive export growth, UNIDO has been enhancing the technical expertise of national experts on international standards compliance, strengthening the national inspection system and building capacities of local producers in the cocoa and coffee value chains, through the Global Quality and Standards Programme (GQSP) - Strengthening the coffee and cocoa quality for exports from Peru, which is implemented in co-management with the National Institute of Quality (INACAL), and funded by the Swiss State Secretariat for Economic Affairs (SECO). The main objective of this project is to contribute to improving Peru's export competitiveness of the coffee and cocoa value chain by ensuring the implementation of quality infrastructure services in the pilot regions. As such, the project supports and complements INACAL's implementation plan of the NQP.

In terms of strengthening the technical competence and sustainability of the National Quality Infrastructure System for services in the coffee and cocoa value chain, the following achievements can be highlighted:

- 16 Technical Guides on Coffee and Cocoa Technical Standards were developed.
- 1 equipment (ICP-MS) was acquired for Cadmium measurements in cocoa.
- The evaluation of 17 testing laboratories relevant to the coffee and cocoa chains at the national level has been completed.

Regarding efforts on improving compliance of SMEs with international standards and technical regulations, the project conducted field activities with producers and technicians of the coffee and cocoa chains of San Martin in the areas of physical analysis and sensory analysis or cupping. The evaluation of the 8 coffee and cocoa cooperatives in San Martin was also completed. Gaps were identified and activities have been proposed to strengthen their compliance with Peruvian Technical Standards (NTP) and the use of quality infrastructure services.



GQSP Peru project



Cumulative key performance indicators (KPIs):

Indicators	Cumulative
<ul style="list-style-type: none"> # of standards for coffee and cocoa sectors developed, # of NQI staff (# of women) ISO 17025 certified and # of (# of women led-) companies that have increased quality 	<p><u>Institutions strengthened: Support to the Accreditation Directorate of INACAL (National Institute of Quality):</u></p> <ul style="list-style-type: none"> Trainings in ISO/IEC 17020 and 17065 interpretation and auditor training. Advice and training in the application of the Flexible Scope of Accreditation. Evaluation and Action Plan of improvements on the degree of implementation of Good Standardization Practices (GSP) in INACAL.
<ul style="list-style-type: none"> CITES' clients satisfaction (survey); % increase of CITES' funding, profit, value addition and employment 	<p><u>Coffee and cocoa value chain supported (San Martin):</u></p> <ul style="list-style-type: none"> 2 studies on the potential demand for quality services in the coffee and cocoa chains. Diagnosis of the capacities in compliance with quality standards of 9 cooperatives. Training <ul style="list-style-type: none"> Physical analysis of coffee and cocoa (in process). Sensory analysis in coffee and cocoa (in process). Evaluation of 17 testing laboratories relevant to the coffee and cocoa chains at the national level and identify gaps to meet the requirements for international accreditation 17025.
<ul style="list-style-type: none"> Biosimilars' regulation approved, % in biosimilars production and evaluation 	
<ul style="list-style-type: none"> # of jobs created 	
<ul style="list-style-type: none"> # of investments leveraged through project interventions 	<p><u>Capacity-building:</u></p> <ul style="list-style-type: none"> 6 web seminars on ISO Standards in the context of COVID-19. 5 web seminars on "Organic Certification of Coffee and Cocoa in Peru".
<ul style="list-style-type: none"> # of partnerships established within or through project interventions 	<p><u>ITP-Red CITES:</u></p> <ul style="list-style-type: none"> Evaluation of the needs and capacities of Circular Economy and Innovation in the CITE Network: Participation of six prioritized CITE Centers (public and private) from four different value chains and regions: Productive - Madre de Dios/ Fisheries - Callao / Leather and Footwear Trujillo, Oxapampa/Agro-industry: Majes, Ica, Ambo, Oxapamba. Report to examine the feasibility of creating a new independent public or private CITE in order to move towards the integration of Circular Economy into the network, or whether it was better to integrate the concept through mainstreaming of Circular Economy elements into the existing CITE Network/existing department of PRODUCE.
	<p><u>Investments leveraged through project interventions:</u></p> <ul style="list-style-type: none"> Amount of investments leveraged for the CITES through project intervention: \$5.5 million.

Funding

ERP ID	Ongoing project / sub-programme title	Donor	Funding (US\$)
180151	GQSP - Strengthening the coffee and cocoa quality for exports from Peru	Switzerland (SECO)	\$2,375,160
		Total	\$2,375,160

ERP ID	Pipeline project / sub-programme title	Potential donor	Estimated funding (US\$)
200287	Boosting Science and Technology Parks for an innovation-driven economy in Peru.	EU	\$2,335,725

4.4.2 PCP PRIORITY AREA: VALUE CHAIN AND ENTERPRISE DEVELOPMENT

This component aims to enhance the production capacity and value addition of the aquaculture sector and biodiversity resources. This includes building capacities within and transferring international technologies to relevant facilities, as well as strengthening sector-specific companies and institutions' capacities to produce and process competitive products of high quality. This in turn, will add value to local production, generating income and employment for a broader base of society.

Additionally, this component will ensure that SMEs and entrepreneurs acquire the necessary entrepreneurial skills to carry out successful businesses. It seeks to consolidate a sustainable and inclusive model of growth, with dedicated projects to youth and women entrepreneurs. This component has two projects with funds under implementation or secured.

Regional project "Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean"

- During the reporting period the following activities were carried out:
- A regional aquaculture network was established between 9 countries, including Peru.
- The value chains of trout, tilapia and amazonic fish were selected and analyzed using a tailor-made value chain analysis, including a SWOT analysis, which identified gaps and opportunities for future work.

Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change

In June the GEF endorsed the full-sized project "Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change." Since then, the inter-agency team is carrying out the operationalization process, taking into account that MINAM and Profonampe will be the project co-executing agencies.



Cumulative KPIs

Indicators	Cumulative
<ul style="list-style-type: none"> • % Increase in production, productivity, marketing and sales in aquaculture sector • % increase in value addition of biodiversity products • % of women participation in production, marketing and sales in aquaculture and biodiversity sectors • Entrepreneurship curriculum developed and accepted in education system • % of women participation in ECP trainings • # of jobs created • # of partnership platforms established within or through project interventions 	<p><u>Specialized studies for value chain development:</u></p> <ul style="list-style-type: none"> • Opportunities for bio-businesses • Evaluation of value chains for Amazonian products • Gender diagnosis • Study of international markets • Trout, tilapia and amazonic fishes (using a tailor-made value chain analysis, including a SWOT analysis, through which gaps and opportunities for future work were identified). <p><u>Creation of a partnership platform:</u></p> <ul style="list-style-type: none"> • A regional aquaculture network was established between 9 countries, including Peru.

Funding

ERP ID	Ongoing project / sub-programme title	Donor	Funding (US\$)
190176	Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change	GEF	\$5,164,683
190371	Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean	Trust Fund for Latin America and the Caribbean	\$33,345 ⁷
Total		\$5,198,028	
ERP ID	Pipeline project / sub-programme title	Potential donor	Estimated funding (US\$)
170233	Promoting integrated value chain development in Peru's aquaculture	GEF	\$1,770,000

4.4.3 PCP PRIORITY AREA: SUSTAINABLE INDUSTRIAL PARKS

This component aims to boost the productive capacity and ensure the economic, social and environmental sustainability of industrial parks, by integrating the delivery of technical assistance with support to the development and implementation of policies and regulations. UNIDO's dual approach has been focused on the development of new industrial parks, on the one hand, and the transformation of existing industrial zones on the other.

Both the GEF SIZ project on industrial zones and the EIP project on industrial parks have supported this dual approach, contributing to the improvement of the national regulatory framework and building capacity in the public and private sectors regarding the creation and sustainable management of this type of productive infrastructure.

⁷ 29,377.1 EUR

Below is a summary of the main results during the reporting period:

Sustainable Industrial Zones Development in Peru

The “Development of Sustainable Industrial Zones in Peru”- SIZ Project, is executed by the Ministry of Production (PRODUCE), with funding from the Global Environment Facility (GEF).

The objective of the project is to develop a Sustainable Industrial Zone model in Lima and Callao, which can be replicated in other industrial areas of the country, through the development of policies, regulations and professional capacities in the public and private sectors, as well as the development of a demonstration pilot project in Callao to reduce emissions of Unintentional Persistent Organic Pollutants (uPOP’s) and Greenhouse Gases (GHG).

The project has developed 3 policy instruments, a Road Map for Callao and Peru (including gender and environmental measures), and a database on environmental pollutants caused by industry.

Regarding the work with SIZ’s the project has conducted 5 training modules for planning of sustainable industrial zones, 10 training modules for resource efficient and cleaner production, and 7 training modules for sound chemicals management.

Forty-three companies have signed letters of interest to participate in the project: 35 feasibility studies have been completed and submitted; technical assistance has assessed potential reduction of emissions of 40 of them; and the project has provided further technical assistance to 20 of them.

Global Eco-Industrial Parks Programme - Peru: Country Level Intervention

The Global Eco-Industrial Parks Programme is funded by the Government of Switzerland through its State Secretariat of Economic Affairs (SECO). Results during the reporting period are summarized below.

At the policy level, significant progress was achieved with the publication of 2 national regulatory amendments, and the development of essential documents such as the stakeholder analysis and the policy roadmap. The project conducted a training aimed at policymakers on EIP regulations including +180 staff from governmental agencies, companies and industrial parks. This resulted in the establishment of the Community of Practice (CoP), which is a public-private-academic technical working group focused on building EIP policy framework pillars.

The Project trained 23 national consultants on the implementation of the international framework for EIP framework, of which 9 are already working with the selected IP. To date, the 3 pilot IPs have reviewed master plans in line with the international framework for EIP, and the trained national consultants are currently planning the identified EIP opportunities.

In 2022 the Lurin Industrial Zone (one of the leading industrial areas in Peru with more than 150 SMEs), was added to the EIP Peru Project as a beneficiary for technical assistance on RECP assessments.



Cumulative KPIs

Indicators	Cumulative
<ul style="list-style-type: none"> # of policy proposals developed for SIZ in Callao # of women active in SIZ Development and approval of Strategic plan and ToR for SIP in Ancon Successful replication of SIZ model of Callao in two regions of Peru Development and approval of national policy for industrial parks # of jobs created # of partnership platforms established within or through project interventions 	<p><u>Policy proposals</u></p> <ul style="list-style-type: none"> Development and approval of the national policy for industrial parks. Guidelines for the promotion and management of industrial parks of the National System of Industrial Parks (Ministerial Resolution No. 204-2021-PRODUCE). Supreme Decree Modifying the Regulations of the National System of Industrial Parks (Supreme Decree No. 015-2021-PRODUCE). <p><u>Studies for policy proposals:</u></p> <ul style="list-style-type: none"> Baseline study on “national strategy for industrial zones and parks development”. Concept paper on sustainable industrial zones in Peru. Assessment and development of the sustainable industry zones regulatory framework. Sustainable Industrial Zone Definition, based on the SIZ Policy framework gap consultancy. Assessment of financial and non-financial mechanisms for sustainable industrial zones in Peru. <p><u>Capacity-building</u></p> <ul style="list-style-type: none"> SIZ regulatory framework workshop (9 institutions participating). EIP regulations including (180 staff from governmental agencies, companies and industrial parks). Cleaner production agreements (50% woman), sound chemicals management (44% woman), RECP training (29% woman). SIZ planning: 5 Modules (66 consultants, 55% women) RECP: 10 Modules (39 consultants, 38% women) Chemical management: 7 Modules (32 consultants, 46% women) Implementation of the international framework for EIP framework (23 consultants and 9 of them are already working with the selected IP to identified). <p><u>Institutions strengthened:</u></p> <ul style="list-style-type: none"> Strengthening of the “Environmental Information System” (inclusion of data on production processes, inputs and CO2 emissions) (in process). <p><u>Support to companies</u></p> <ul style="list-style-type: none"> Baseline study of emissions of u-POPs in the industrial zone developed. Baseline update study (in progress). 43 companies have signed letters of interest to participate in the project. 40 Technical Assistance has assessed potential reduction of emissions. The project has provided further technical assistance to 20 of them, with the support of 9 RECP trained consultants. 15 feasibility studies (in process). <p><u>Support to IPs:</u></p> <ul style="list-style-type: none"> 3 pilot IPs have reviewed master plans in line with the international framework for EIP. Identification of EIP opportunities (in process).

Creation of a partnership platform:

- Industrial Park Committee in National Association of Industries (SNI).
- EIP Community of Practice (CoP) (public-private and academic technical working group).

Awareness raising:

- International Conference “Industrial Parks for Inclusive and Sustainable Industrial Development” (2019).
- SIZ awareness raising event (6 events, 350 participants, more than 30% women).

Funding

ERP ID	Ongoing project / sub-programme title	Donor	Funding (US\$)
150061	Sustainable Industrial Zone Development in Peru	GEF	\$4,114,000
180318	Global Eco-Industrial Parks Programme - Peru: Country Level Intervention	SECO	\$2,226,727
		Total	\$6,340,727

4.4.4 PCP PRIORITY AREA: INDUSTRIAL RESOURCE AND ENERGY EFFICIENCY AND RENEWABLE ENERGY

This component seeks to ensure that the industrialization models developed in the framework of this programme deliver shared prosperity whilst safeguarding the environment. Through integrated technical and advisory services, this component aims to multiply the economic and environmental savings from the application of resource and energy efficient practices, sound chemicals management and renewable energy adoption.

Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin American Countries

In 2021, the project strengthened national WEEE management initiatives through the development of regulatory instruments, technical guides, and a communication strategy.

In addition, technical contributions were made to the Environmental Evaluation and Oversight Agency (Organismo de Evaluación y Fiscalización Ambiental - OEFA) and the General Directorate of Supply of the Ministry of Economy and Finance in the development of their regulatory proposals. This included a table of classification of administrative offences and scale of penalties applicable to non-compliance with the obligations for the management and handling of WEEE, and a proposal of procedure for the deregistration and donation of WEEE from public institutions, respectively.

In particular, the following achievements were attained:

- 6 guides for the management and handling of WEEE were elaborated (Guide for the management of Electrical and Electronic Equipment, Guide for the elaboration of WEEE management plans, Guide for the management and handling of WEEE for producers, Guide for the management and handling of WEEE for household generators, Guide for the management and handling of WEEE for generators of private entities, Guide for the management and handling of WEEE for state entities).
- A normative proposal was prepared: Complementary Provisions to the Supreme Decree N° 009-2019-MINAM that approves the Special Regime for the Management and Handling of Waste Electrical and Electronic Equipment, which was already approved with the D.S. N° 035-2021-MINAM.



- Communication and awareness-raising strategy for local governments for the proper management of WEEE (for urban and urban-rural municipalities that will be implemented in several municipalities in the country).
- 25 producers of electrical and electronic equipment were trained in the management and handling of WEEE.
- 13 universities joined the project and will be trained by 2022.

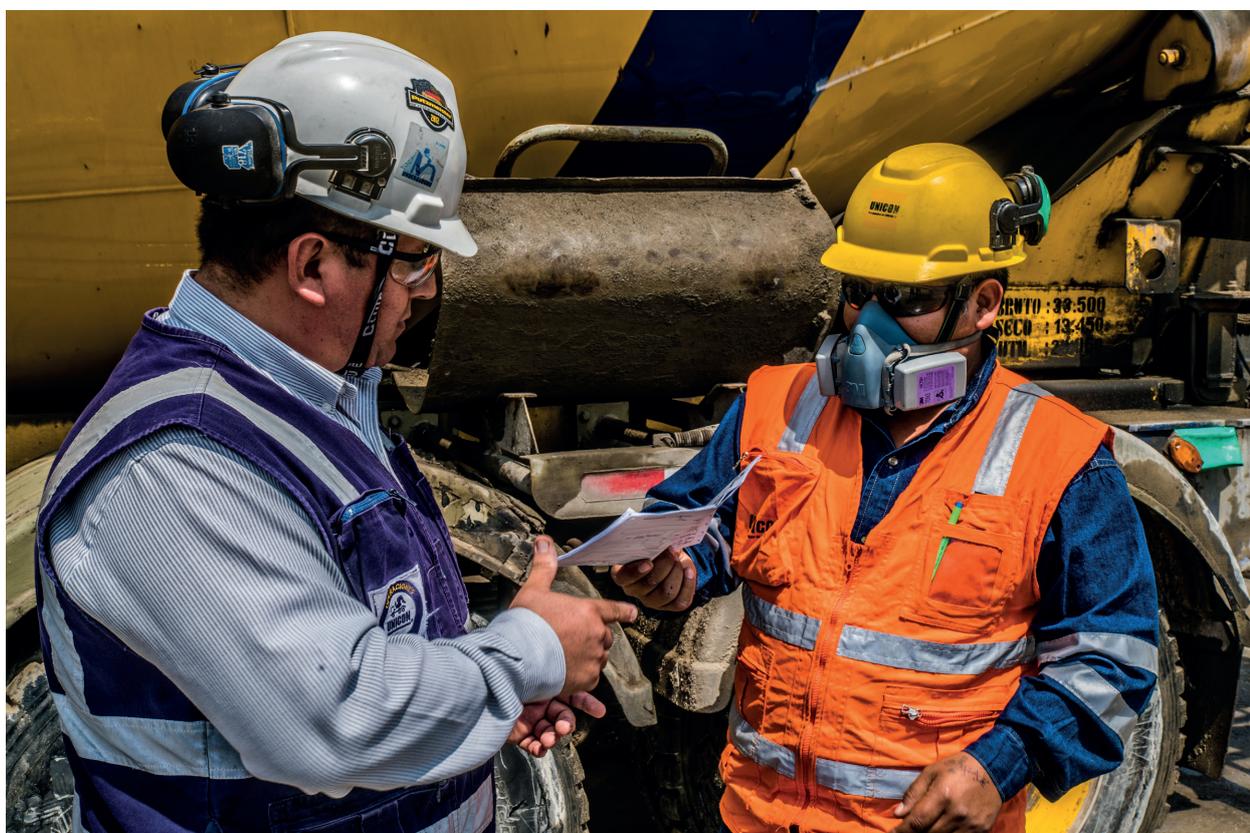
Cumulative KPIs

Indicators	Cumulative
<ul style="list-style-type: none"> • % of water, CO₂, energy and material reduction in companies • % increase in environmentally (# women led) compliant companies • # of EVs operational and # of people (# women) trained on EVs • % uptake of sustainable energy solutions by industries • # of investments leveraged through project interventions • # of partnerships established within or through project interventions 	<p><u>Policy proposals:</u></p> <ul style="list-style-type: none"> • Road map for Circular Economy in the Industrial Sector (Supreme Decree No. 003 – 2020 – PRODUCE). • Complementary Provisions to the Supreme Decree N° 009-2019-MINAM that approves the Special Regime for the Management and Handling of Waste Electrical and Electronic Equipment (D.S. N° 035-2021-MINAM). <p><u>Guidelines:</u></p> <ul style="list-style-type: none"> • 6 guides for the management and handling of WEEE. <p><u>Studies for policy proposals:</u></p> <ul style="list-style-type: none"> • Potential for green industry in Peru (2018). <p><u>Institutions strengthened:</u></p> <ul style="list-style-type: none"> • Evaluation of the needs and capacities of Circular Economy and Innovation in the Network of Centers for Innovation and Technology Transfers (ITP-Red CITEs). <p><u>Capacity-building:</u></p> <ul style="list-style-type: none"> • Workshops (2) for policymakers (50) in resource efficiency for tannery. • Regional Forum on Circular Economy for policymakers (50) on energy management system (2018). • 11 virtual training events on WEEE (1,433 participants). • 25 producers of electrical and electronic equipment were trained in the management and handling of WEEE. <p><u>Awareness raising:</u></p> <ul style="list-style-type: none"> • Communication and awareness-raising strategy for local governments for the proper management of WEEE (for urban and urban-rural municipalities). • Resource efficiency (40 policymakers). • Energy management systems (101 policymakers). • 13 universities in Lima and other cities in the country are part of the WEEE project. • International Conference on “The potential of renewable energies and their impact on regional productive development”. • Third International Plastics Industry Congress.

Funding

ERP ID	Completed project / sub-programme title (since start of the PCP)	Donor	Funding (US\$)
170099	Mainstreaming of Energy and environmental dimension of PCP Peru	Spain	\$111,589 ⁸
130090	PAGE - Partnership for Action on Green Economy	PAGE Trust Fund	\$104,000
Sub-total:			\$215,589

ERP ID	Pipeline project / sub-programme title	Potential donor	Estimated funding (US\$)
170233	Menu of technological services specialized in the circular economy for the CITE Network.	EU	\$3,000,000
	Support for the transition to the circular economy of the prioritized sectors in the Peruvian manufacturing industry.	EU	\$1,850,000
	“Partnership for Action on Green Economy” (PAGE) - Additional Support for Green Economic Recovery	Germany	\$93,500
Sub-total:			\$4,943,500



⁸ 100,000 EUR



4.4.5 CROSS-CUTTING INTERVENTIONS

This component entails the overall PCP coordination activities as well as monitoring and evaluation of programme progress, and partnership development amongst components and with external partners. At the same time, the projects on policy and gender are also part of this component as both subjects are relevant for all other components.

Economic empowerment of women in green industry

Peru is part of the Global Programme on “Economic Empowerment of Women in Green Industry” (EEWiGI). Within its framework and in close cooperation with the UN Women, the Ministry of Environment, PRODUCE and the Ministry of Women, an in-depth qualitative and quantitative assessment on the constraints and opportunities of women’s participation in green economy was carried out to facilitate an evidence-based decision-making process and the results were shared between the focal points and members of the Steering Committee of the project. Based on these results, specific work plans have been developed and validated.

Training workshops for policymakers and entrepreneurs were jointly developed and conducted with UN Women, including courses for incorporating the gender perspective at the ministerial and government level, and a training on gender equality on women’s economic empowerment for businesswomen and professionals in the green industry.

In both groups the trainings were as follows:

- Introduction to gender equality through the ‘I Know Gender Course’
- Gender and Inclusive Sustainable Industrial Development (ISID).
- Gender-Responsive Budgeting.

Moreover, the project participated in different high level events, including: Conference of the Women’s Association: “Mujer Pyme Perú”, Lima Chamber of Commerce XVIII International Forum of Businesswoman and Entrepreneur Women - “Doing business in times of pandemic: From Resilience to Recovery”, CONCYTEC “Innovation Week 2021”, among others.

Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships

The regional project is being implemented in Peru in close cooperation with a national focal point from PRODUCE. Currently, 17 countries of the LAC region have nominated a national Focal Point, at the level of Vice-Minister or Director of the Ministry of Industry or similar. In May 2021, a first online regional meeting among focal points, including Peru’s, was organized establishing the SDG 9 network. The meeting focused on how to speed up the implementation of SDG 9 in the LAC countries during the pandemic. A further output was the soft-launch of a knowledge exchange platform, the SDG 9 Accelerator.⁹

The collaboration, communication and information platform in Spanish provides decision-makers, experts and civil society with the opportunity to exchange knowledge, tools and good practices on how to achieve the SDG 9. Following the efforts started during 2020, during 2021, UNIDO also initiated new cooperation under the framework of the project with other regional institutions, such as the International Atomic Energy Agency (IAEA), Climate Technology Centre & Network (CTCN) and Central American Integration System (SICA).

Due to the collaborative nature of the project and its tools, contacts have been established with APCI and the SNI through the PCP Coordination Unit, and contacts with the academic sector are planned.

⁹ The SDG 9 Accelerator platform is available at <http://www.odsg9.org/>.

Cumulative KPIs

Indicators	Cumulative
<ul style="list-style-type: none"> # of PCP projects funded and implemented 	<p><u>PCP projects</u></p> <ul style="list-style-type: none"> 12 PCP projects funded and implemented
<ul style="list-style-type: none"> project progress reports finalized and delivered to relevant stakeholders 	<p><u>National assessments:</u></p> <ul style="list-style-type: none"> Degree of gender mainstreaming in green industry policy frameworks with 10 policy priorities identified. Assessment of coordination spaces for the generation of ISID. Inputs for the development of a new industrial policy, related to sustainability criteria and the territorial approach.
<ul style="list-style-type: none"> # of national workshops held and # of reports developed for national industrial policy 	
<ul style="list-style-type: none"> # of institutions and private sector entities that use policy framework that integrates gender- and green industrial policies 	<p><u>Policy proposals:</u></p> <ul style="list-style-type: none"> Support to the formulation of the National Industrial Development Policy (in progress).
<ul style="list-style-type: none"> industrial policy developed 	<p><u>Capacity-building:</u></p> <ul style="list-style-type: none"> Incorporation of the gender perspective at the ministerial and government level (Policymakers and entrepreneurs): <ul style="list-style-type: none"> Training on gender equality on women’s economic empowerment for businesswomen and professionals in the green industry. Introduction to gender equality through the “I Know Gender Course”. Gender and Inclusive Sustainable Industrial Development. Gender-Responsive Budgeting.
<ul style="list-style-type: none"> # of investments leveraged through project interventions 	
<ul style="list-style-type: none"> # of partnerships established within or through project interventions 	
	<p><u>Awareness raising:</u></p> <ul style="list-style-type: none"> International Forum: “Towards a Modern Industrial Development Policy for Peru”.

Funding for cross-cutting projects

ERP ID	Completed project / sub-programme title (since start of the PCP)	Donor	Funding (US\$)
170065	Economic empowerment of women in green industry	Germany	\$271,566
		Sub-total:	\$271,566

ERP ID	Ongoing project / sub-programme title	Donor	Funding (US\$)
180059	ITPO Korea “Advisory Programme”	KOICA (Korea International Cooperation Agency)	\$335,700



190065	ITPO Italy. "Fostering international partnership between companies and institutions operating in the energy and environment sectors"	Italy	\$237,266 ¹⁰
109015	Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships	Trust Fund for Latin America and the Caribbean	\$40,655 ¹¹
150413	Programme for Country Partnership, Peru - Fostering Productive Diversification (programming and coordination)	Partnership Trust Fund (China, Peru)	\$878,292
			Sub-total:
			\$1,491,913
Total			\$1,763,479

5. Response to COVID-19

For PCP Peru, as well as for the projects under its scope, detailed contingency plans were prepared in order to minimize the impact of the COVID-19 pandemic. In the case of the PCP, the contingency plan had the specific goal of ensuring the continuity of the technical work under its coordination mechanism.

Some of the responses reported at the project level are:

GQSP - Strengthening the coffee and cocoa quality for exports from Peru

In compliance with UNIDO guidelines, a strict approval system for national and international travel and for face-to-face events that involves various reports, filters and approvals that can reach the highest level of decision-making in the institution was implemented. The project continued the implementation process prioritizing Outcome 1 and 3 where coordination with national level entities was more feasible and with activities that could be implemented virtually. In the case of Outcome 2, it was possible to execute activities by contracting suppliers in the area and ensuring that they comply with the sanitary protocols dictated by the Government. It was possible to implement the block chain assessment in Outcome 2, due to its virtual nature.

Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean

This project is part of UNIDO's response to COVID-19 as job creation along the aquaculture value chain, with the work plan adapted based on the health emergency and COVID-19 measures in the participating countries. An inception video conference meeting was held with all Focal Points nominated by participating countries on 17 March 2021. While the meeting was initially envisaged in-person, due to restrictive travel measures related to the COVID-19 pandemic, it was held virtually in order to ensure the participation of all nominated National Focal Points and National Technical Coordinators. During these meetings and conversations with national counterparts it has become clear that the COVID-19 pandemic is heavily affecting the sector and has affected production and sales of aquaculture products. The selection of value chains in Peru and their analyses served as a first step to improve their functioning and allow for employment creation, which

¹⁰ 209,031.43 EUR

¹¹ 35,816.76 EUR

can serve as a driver of broad-based poverty alleviation in the context of the COVID-19 pandemic through its direct and indirect effects.

Sustainable Industrial Zone Development in Peru

During 2021, trainings, seminars and meetings were carried out virtually. Technical assistance for Callao companies and a mid-term evaluation were mostly virtual, but included some on-site visits. Project beneficiary companies were invited to participate in most of trainings and seminars, which was possible due to virtual platforms and the interest of the executing agency, PRODUCE, in offering them the opportunity to improve technical skills related to SIZ. To the date, project companies have a high commitment level and appreciate their participation in SIZ activities.

Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin American Countries

The project has been supporting MINAM so that producers of Electrical and Electronic Equipment can meet the annual WEEE collection targets they have committed to in their management plans, despite the restrictions of the pandemic.

Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships

The regional project is implemented closely with national focal points from LAC Ministries of Industry (or similar). It aims to support countries in their COVID-19 recovery by providing a digital platform to create partnerships, exchange knowledge and build capacities among actors in the region. Given the strongly online nature of the project it was largely able to operate in spite COVID-19 restrictions in the region. At the first online regional meeting held in May 2021, national focal points of LAC countries focused on how to speed up the implementation of SDG 9 in the LAC countries during the pandemic and requested support in critical areas.

6. Lessons learned and best practices

The joint work of the PCP with the United Nations Country Team, as well as the consolidation of alliances with specialized agencies of the United Nations System, has proved to be an efficient means of strengthening UNIDO's contribution in the country, as well as of seeking new channels for resource mobilization.

The participation of the PCP team in the development of the UNSDCF has allowed it to reflect the sectoral needs of national counterparts and resulted in the invitation to co-lead the Direct Effect 5 (Strategic Priority 3), referred to as "inclusive and sustainable competitiveness and productivity" of the new framework. A close relationship has been reached with the RCO team, and mutual support has been generated on different occasions, which also reinforces UNIDO's presence in the country, as a non-resident agency.

7. Communication

The PCP Peru featured in several awareness-raising events held by UNIDO projects, with a focus on highlighting the contributions of these activities to the objectives and components of the overall programme. Some examples include the



Seminar in Best International SIZ experiences, the GEIPP-Colombia launching event (16 March 2021), and the soft launch of the SDG 9 Accelerator platform (www.ods9.org) in September 2021.

An example of this was the support obtained from the EIP project for the International Forum “Towards a Modern Industrial Development Policy for Peru”, carried out jointly with ILO and PRODUCE, with the participation of the Minister of Production, the Minister of Labor and Employment Promotion, the UNIDO Representative, the Head of UNIDO’s Industrial Policy and Research Division, and other high level national and international authorities, which received widespread diffusion.

The PCP is featured on the UNIDO webpage: <https://www.unido.org/programme-country-partnership/peru>. Contributions were made to the promotion of key activities through social media channels, such as approvals and launches of projects, work on policy and other collaborations with the Peruvian Government counterparts.

8. Upcoming milestones and major results expected in 2022

UNIDO will support the Government in holding a national coordination body meeting in order to identify new opportunities jointly with key stakeholders. Initiatives still in development to be prioritized in terms of resource mobilization relate to support for the transition to the circular economy of the prioritized sectors in the Peruvian manufacturing industry, and developing the menu of technological services specialized in the circular economy for the CITE Network. In addition, resource mobilization will be pursued for the initiative “Development of Scientific and Technological Parks in Peru”, jointly developed with CONCYTEC. In addition, the initiative on “Promotion of the integrated development of the sustainable aquaculture value chain in Peru” is being outlined for presentation during the Eighth Replenishment Cycle of the GEF.

The expected technical cooperation milestones per PCP components are outlined below.

COMPONENT 1: QUALITY AND INNOVATION

As part of the GQSP project, “Strengthening the coffee and cocoa quality for exports from Peru”, the main activities for the next period are the development of work plans for the testing laboratories (14 of the 17 laboratories in the study are part of the National Institute for Agrarian Innovation-INIA Network at the national level), in order to begin the activities focused on achieve accreditation on ISO 17025. Support will be provided to the coffee and cocoa cooperatives in the development of work plans to implement activities (8 cooperatives participating in the study) to achieve export quality requirements, improve the use of quality infrastructure services and improve its quality management.

COMPONENT 2: VALUE CHAIN AND ENTERPRISE DEVELOPMENT

The project “Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean” will focus on supporting the development of national aquaculture roadmaps of participating countries. In Peru, this will include the providing support to the positioning and maintenance of the certification mark “Acuicultura Sostenible”. The national roadmaps are planned to be presented at a regional meeting in El Salvador. During the meeting, the elements of a regional roadmap will be discussed. Work on the development of this roadmap is planned to start in 2022.

In 2022, the project “Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity

for food security and bio-businesses, in a context of climate change” is expected to start its implementation which will be marked by the signing of the project execution agreements by the implementing agencies (UNIDO, FAO, IFAD) with PROFONANPE.

COMPONENT 3: SUSTAINABLE INDUSTRIAL PARKS

During 2022, the following is expected to be implemented under the “Sustainable Industrial Zones Development in Peru” project: The financial mechanism for GEF trust funds co-financing beneficiaries in the Callao Industrial Zone is expected to be ready to operate; a special Committee will be created under a ministerial resolution for the RECP projects selection, which will be co-financed by the GEF SIZ project, and a SIZ Management Model will be designed and presented to stakeholders.

The “Global Eco-Industrial Parks Programme - Peru: Country Level Intervention”, will review and support an amendment/modification of policies and regulations and carry out the international coaching for the Community of Practice in 2022. This activity will provide the necessary advice for the continuous updating and the implementation of the policy roadmap and will provide specific advice on the related prioritized activities.

As part of the project, UNIDO will support capacity-building and awareness-raising events, including awareness-raising workshops to show examples of successful implementation of EIP incentives, EIP legislation, and EIP financial mechanisms among others to relevant stakeholders. The project will also deliver capacity-building seminars about industrial symbiosis, RECP methodology, and EIP master planning. The capacity-building events will focus on improving capacities within the country and will seek the adaptation of regulations at the sectoral and local levels. In addition, an international event is planned as well as the development and publication of project materials.

The project will carry out a rapid RECP assessment in companies (1st batch) and feasibility studies of identified RECP opportunities. The RECP training for tenants of the three selected parks and Lurin will be delivered. Other deliverables include to organize industrial symbiosis workshops in three selected parks and Lurin, develop incentives scheme and align them with financial instruments, and support the implementation of RECP and industrial synergy opportunities. The feasibility studies for the EIP opportunities identified in the three selected parks will be carried out. The project will also advise the national industrial parks strategy and its prioritized parks.

COMPONENT 4: INDUSTRIAL RESOURCE AND ENERGY EFFICIENCY AND RENEWABLE ENERGY

The project “Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin American Countries” will conduct an assessment of the needs of the WEEE operating companies, which will allow the project to design actions so that these companies can implement the operational techniques and processes that will allow the elimination of brominated pollutants from the identified WEEE by 2023.

Cross-cutting elements: Gender mainstreaming and policy advice

As part of the regional project “Accelerating SDG 9: “Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships”, collaboration will continue with PRODUCE and the National Society of Industries (SNI), including to explore potential dialogue spaces with key stakeholders in the country. Likewise, in the context of the regional network for multi-stakeholder exchange on SDG 9-related industrial development approaches, a regional forum will be organized to strengthen the political dialogue for monitoring and promotion of SDG 9 implementation – the national focal point of PRODUCE will participate.

In 2022, the PCP Peru will undergo an independent final evaluation, which will support decisions on the way forward.



ANNEX 1: PCP PORTFOLIO OVERVIEW – UNIDO TC

ERP ID	PCP component or cross-cutting area	Completed project / sub-programme title (since start of the PCP)	Donor	Funding (US\$)
170099	Industrial Resource and Energy Efficiency and Renewable Energy	Mainstreaming of energy and environmental dimension of PCP Peru	Spain	\$111 589
130090	Industrial Resource and Energy Efficiency and Renewable Energy	PAGE - Partnership for Action on Green Economy	PAGE Trust Fund	\$104 000
170065	Cross-cutting. PCP coordination (monitoring & evaluation and partnerships, gender mainstreaming and policy)	Economic empowerment of Women in Green Industry	Germany	\$271 566
			Sub-total:	\$487 156

ERP ID	PCP component or cross-cutting area	Ongoing project / sub-programme title	Donor	Funding (US\$)
180151	Quality and Innovation	GQSP - Strengthening the coffee and cocoa quality for exports from Peru	SECO	\$2 197 225
190176	Value Chain and Enterprise Development	Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change	GEF	\$5 164 683
190371	Value Chain and Enterprise Development	Fostering regional coordination in aquaculture value chains for productive employment generation in Latin America and the Caribbean	Trust Fund for Latin America and the Caribbean	\$33 345
150061	Sustainable Industrial Parks	Sustainable Industrial Zone Development in Peru	GEF	\$4 114 000
180318	Sustainable Industrial Parks	Global Eco-Industrial Parks Programme - Peru: Country Level Intervention	SECO	\$2 148 852
140297	Industrial Resource and Energy Efficiency and Renewable Energy	Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin American Countries	GEF	\$703 704
180059	Cross-cutting	ITPO Korea “Advisory Programme”	KOICA	\$335 700
190065	Cross-cutting	ITPO Italy. “Fostering international partnership between companies and institutions operating in the energy and environment sectors”	Italy	\$237 266
109015	Cross-cutting. (monitoring & evaluation and partnerships, gender mainstreaming and policy)	Accelerating SDG 9 implementation in Latin America and the Caribbean through South-South and triangular cooperation, networking and partnerships	LAC Trust Fund	\$40 655
150413	Cross-cutting (programming and coordination)	Programme for Country Partnership, Peru - Fostering Productive Diversification	Partnership Trust Fund (China, Peru)	\$878 292
			Sub-total:	\$15 853 722

				PCP total	\$16 340 878
ERP ID	PCP component or cross-cutting area	Pipeline project / sub-programme title	Potential donor	Estimated funding (US\$)	
200287	Quality and Innovation	Boosting Science and Technology Parks for an innovation-driven economy in Peru.	EU	\$2 335 725	
170233	Value Chain and Enterprise Development	Promoting integrated value chain development in Peru's aquaculture	GEF	\$1 770 000	
	Industrial resource and energy efficiency, and renewable energy	Menu of technological services specialized in the circular economy for the CITE Network.	EU	\$3 000 000	
	Industrial resource and energy efficiency, and renewable energy	Support for the transition to the circular economy of the prioritized sectors in the Peruvian manufacturing industry.	EU	\$1 850 000	
130090	Industrial resource and energy efficiency, and renewable energy	"Partnership for Action on Green Economy" (PAGE) - Additional Support for Green Economic Recovery	Germany	\$93 500	
				Sub-total:	\$9 049 225





ANNEX 2: INVESTMENTS LEVERAGED BY THE PCP, INCLUDING FORECAST FOR 2022

Parallel Funding (US\$)								
Partner	Type of Partner	PCP Project	Type of funding	2018	2019	2020	2021	Cumulative
Ministry of Production	Government of Peru	“Strengthening the coffee and cocoa quality for exports from Peru”	In-kind		\$162 689			
		Quality and innovation						
		“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change”	In-kind				\$2 047 103	
		Value chain and enterprise development	Public Investment				\$278 632	
		“Sustainable Industrial Zones Development in Perú”	In-kind	\$1 014 000				
		Sustainable industrial parks						
		“Eco - Industrial Park Development in Perú”	In-kind			\$60 000		
		Sustainable industrial parks						
		“Partnership for Action on Green Economy” (PAGE)	In-kind			\$22 000		
Industrial resource and energy efficiency, and renewable energy								
Programme for Country Partnership, Peru - Fostering Productive Diversification	In-kind					\$14 400	\$39 508	
		Cross-cutting						
								\$3 638 332

Parallel Funding (US\$)								
Partner	Type of Partner	PCP Project	Type of funding	2018	2019	2020	2021	Cumulative
Ministry of Environment	Government of Peru	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change” Value chain and enterprise development	Public Investment				\$52 145 827	\$54 120 840
			In-kind				\$1 441 014	
			In-kind	\$510 000				
			In-kind		\$24 000			
Ministry of Agriculture	Government of Peru	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change” Value chain and enterprise development	Public Investment				\$3 555 829	\$3 844 624
			In-kind				\$288 795	
Ministry of Foreign Trade and Tourism	Government of Peru	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change” Value chain and enterprise development”	In-kind				\$910 813	\$910 813



Parallel Funding (US\$)									
Partner	Type of Partner	PCP Project	Type of funding	2018	2019	2020	2021	Cumulative	
Ministry of Transport and Communication	Government of Peru	“Sustainable Industrial Zones Development in Perú” Sustainable industrial parks	Public Investment	\$35 825 704				\$35 825 704	
Local Governments (GORE Ucayali, Loreto, Junin)	Local Government	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change” Value chain and enterprise development	Public Investment				\$46 310 215	\$59 488 761	
			In-kind				\$13 178 546		
Business and industry associations	Local institution	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change” Value chain and enterprise development”	In-kind				\$370 992	\$964 092	
			In-kind	\$345 600					
		“Sustainable Industrial Zones Development in Perú” Sustainable industrial parks	In-kind						
		“Eco - Industrial Park Development in Perú” Sustainable industrial parks	In-kind			247 500			

Parallel Funding (US\$)								
Partner	Type of Partner	PCP Project	Type of funding	2018	2019	2020	2021	Cumulative
Private sector	Local private sector	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change”	In-kind				\$2 200 000	\$3 637 500
		Value chain and enterprise development						
FAO	Implementing agency	“Sustainable Industrial Zones Development in Perú”	In-kind	\$1 437 500				\$874 711
		Sustainable industrial parks						
State Secretariat for Economic Affairs	Swiss Government	“Building human well-being and resilience in Amazonian forests by enhancing the value of biodiversity for food security and bio-businesses, in a context of climate change”	Grant				\$172 171	\$874 711
		Value chain and enterprise development	In-kind				\$702 540	
State Secretariat for Economic Affairs	Swiss Government	“Sustainable Industrial Zones Development in Perú”	Loan	\$5 000 000				\$5 000 000
		Sustainable industrial parks						



Parallel Funding (US\$)								
Partner	Type of Partner	PCP Project	Type of funding	2018	2019	2020	2021	Cumulative
IaDB	International Financial Institutions	Programme for Country Partnership, Peru - Fostering Productive Diversification Cross-cutting	Loan to government	\$5 500 000				\$5 500 000
Total				\$49 632 804	\$516 189	\$14 400	\$123 641 985	\$173 805 378

For more information, please scan the QR Code to
[access the PCP PERU UNIDO website.](#)



Vienna International Centre
Wagramerstr. 5, P.O. Box 300,
A-1400 Vienna, Austria



+43 1 26026-0



[UNIDO's PCP website](#)



PCP Peru Programme Manager

CAROLINA GONZALEZ MUELLER
UNIDO Representative in Colombia
Email: c.gonzalez-mueller@unido.org



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Disclaimer

© UNIDO May 2022. All rights reserved.

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as “developed”, “industrialized” or “developing” are intended for statistical convenience and do not necessarily express a judgement about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.