



SUSTAINABLE DEVELOPMENT GOALS

13 CLIMATE
ACTION



UPC, the only university certified to ISO 14001:2015 on all of its campuses, processes, and programs



As of January 2020, our international certification ISO 14001:2015 - Environmental Management System came into effect. This ISO covers all our programs and processes in the four university campuses, as well as the University Health Center, after going through a strict audit process throughout 2019.

ISO 14001:2015

This is the first international environmental standard to be certified by ISO. It recognizes the sustainability of a company's business model. This standard also

seeks to reinforce the commitment to efficient environmental management to preserve the planet's resources for future generations. Thus, it certifies the responsible environmental management of an operation.

Obtaining the ISO 14001:2015 certification is the result of a project that began in December 2017, with the participation and commitment of UPC's authorities, as well as a multidisciplinary team. The latter included program directors and administrative staff, campus operations teams, and other collaborators.



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II Symposium on Science for Sustainable Development



Several students and professor Berlán Rodríguez (PhD.) held talks at the Symposium on Science for Sustainable Development. This event was led by the School of Biological Sciences of Universidad Latina de Costa Rica and seeks to provide an opportunity for students to present their research and get into the scientific community with their work. It also promotes integration among future professionals and opens spaces for institutions or research centers to publish students' projects and for them to participate in that process.



II Simposio de
**Ciencias para
el Desarrollo
Sostenible**

 UNIVERSIDAD LATINA
DE COSTA RICA



UPC is recognized for its sustainable and socially responsible management



For the fourth consecutive year, last year, Universidad Peruana de Ciencias Aplicadas (UPC) has received the ESR® Award granted by Perú 2021. This award recognizes socially responsible organizations that meet high management standards in Social Responsibility, Ethics and Transparency, Labor Practices and Human Rights, Environment, Procurement and Supplier Management, among other topics related to sustainability. Besides, we also use it internally as a self-assessment tool to monitor the evolution of our environmental management and determine our future action plans.

Concerning the environmental sustainability standards that the DESR assesses, we have complied with showing evidence of our sustainable environmental management system,

as well as our matrix of environmental aspects and impacts, which allows us to carry out the necessary controls to address them. We also follow eco-efficiency guidelines, which have allowed us to demonstrate that we are optimizing our waste management, water efficiency, and energy consumption. It is worth mentioning that the DESR also assesses our progress in the fight against climate change, the reduction of greenhouse gas emissions, and sustainable environmental management throughout our value chain.

With this recognition, UPC reaffirms its commitment to its stakeholders by creating shared value and providing higher education based on exigency and innovation, with responsible and sustainable organizational management.



UPC is recognized for its sustainable and socially responsible management



Circular Economy Committee at the National Institute of Quality (INACAL)



In 2020, the outline of the Peruvian Technical Guide: EGP 127 Circular Economy Framework for the implementation of the principles of the circular economy in organizations was developed.

UPC staff, members of the Circular Economy Committee at the National Institute of Quality (Instituto Nacional de Calidad, INACAL), actively participated in coordination meetings to achieve standardization in the Circular Economy field to develop frameworks, guidelines, support tools, and requirements for the implementation of the activities of all organizations involved, and maximize the contribution to sustainable development.



Circular Economy Committee at the National Institute of Quality (INACAL)



ECONOMÍA CIRCULAR

El Instituto Nacional de Calidad (INACAL), a través de la Dirección de Normalización realizó hoy de manera virtual a través de la plataforma zoom, la instalación del Comité Técnico de Normalización (CTN) de Economía circular, a fin de elaborar Normas Técnicas Peruanas (NTP) y documentos técnicos útiles en este campo.

La sesión de instalación contó con la presencia de Pedro Castilla, representante del Comité Permanente de Normalización; Rosario Uría Toro, directora de la Dirección de Normalización de Inacal; Alfredo Estrada Merino, representante del Centro Interdisciplinario de Sostenibilidad (CIS) de la Universidad de Lima; y el Ronny Fisher secretario del CTN Economía circular.

Además, asistieron a la ceremonia virtual los representantes de la Sociedad Nacional de Industrias-SNI, Universidad Científica del Sur, Universidad Peruana de Ciencias Aplicadas, PRODUCE, CONCYTEC, entre otras instituciones involucradas en el tema.

El trabajo de este Comité permitirá sentar las bases para elaborar un marco normativo en el campo de la economía circular, con el objetivo contar con requisitos, marcos, guías, y herramientas de apoyo para la implementación de actividades en todas las organizaciones involucradas, que contribuyan a impulsar su desarrollo sostenible. Excluyendo aspectos de la economía circular ya cubiertos por otros comités existentes.

Cabe indicar que el CTN de Economía circular tiene como secretaria al Centro Interdisciplinario de Sostenibilidad (CIS) de la Universidad de Lima, y está integrado por destacados profesionales de los sectores público, privado y académicos expertos en el tema.

El INACAL continuará trabajando con el compromiso de seguir promoviendo la cultura de la calidad en el país, la eficiencia del Estado, mejorar la competitividad de las empresas y la protección del ciudadano.

UPC-ARBIO Agreement



In 2020, UPC signed an agreement with the NGO Arbio, an organization that promotes conservation of the biodiversity in Madre de Dios and encourages development of eco-sustainable activities. Since 2010, Arbio has been dedicated to the development of activities for the study and conservation of the Amazon rainforest in a 916-hectare forest concession.

The agreement consists of articulating actions, efforts, skills, and knowledge that allow the development and strengthening of environmental projects jointly, as well as workshops and academic conferences, and cross-cutting research projects.



UPC-ARBIO Agreement



**CONVENIO DE COOPERACION INTERINSTITUCIONAL
ENTRE
UNIVERSIDAD DE CIENCIAS APLICADAS S.A.C.**

**Y
ASOCIACIÓN PARA LA RESILIENCIA DEL BOSQUE FRENTE A LA INTEROCEANICA**

Conste por el presente documento, el **Convenio de Cooperación Interinstitucional** (en adelante, "Convenio") que celebran, de una parte, **UNIVERSIDAD PERUANA DE CIENCIAS APLICADAS S.A.C.**, con RUC N° 20211614545, con domicilio en Prolongación Primavera 2390 Monterrico, distrito de Santiago de Surco, provincia y departamento de Lima, debidamente representada por su Rector, señor Edward Michael Robert Roekaert Embrechts, con D.N.I. N° 08240139 y por su Vicerrector de Planeamiento y Desarrollo, señor Gustavo Guerrero Vásquez con D.N.I. 06445781, según poderes inscritos en la Partida Electrónica N° 11119020 del Registro de Personas Jurídicas de la Oficina Registral de Lima y Callao, a quien en adelante y para efectos del presente documento se le denominará "UPC"; y de otra parte, **ASOCIACIÓN PARA LA RESILIENCIA DEL BOSQUE FRENTE A LA INTEROCEANICA**, con RUC 20490561502 y domicilio en Av. 28 de Julio Mz Y, Lt 7, Puerto Maldonado, distrito y provincia de Tambopata, departamento de Madre de Dios, representada por su Representante Legal, Srta. Elba Tatiana Espinosa Quiñones, identificada con DNI N° 25854358, según poderes inscritos en la Partida Electrónica N° 11018171 del Registro de Personas Jurídicas de la Oficina Registral de Madre de Dios, a quien en adelante y para efectos del presente documento se le denominará "ARBIO"; en los términos y condiciones siguientes:

DECLARACIONES

DECLARA "UPC":

Que, es una sociedad privada cuyos fines son la educación, la investigación científica y aplicada y a la prestación de servicios de consultoría y asistencia técnica. Fue creada por la Ley 26276, de fecha 3 de enero de 1994, y es una persona jurídica de derecho privado, cuya naturaleza y funciones, así como sus normas estatutarias y reglamentarias se encuentran adecuadas al régimen previsto en la Ley de Promoción de la Inversión en la Educación (Decreto Legislativo 882) según Escritura Pública de fecha 31 de mayo y 13 de agosto de 1999, otorgadas ante el notario Público de Lima, Dr. Walter R. Pinedo Orillo, e inscritas en la partida registral 11119020 del Registro de Personas Jurídicas de Lima. Como parte de sus actividades, la UPC desarrolla y realiza programas, proyectos y acciones que se dirigen a brindar oportunidades de educación en sus diversas modalidades, en atención y beneficio de diversos sectores de la economía y de la sociedad peruana.



Education with information: the director of Environmental Engineering revealed the environmental effects Produced by the pandemic

Mercedes Gómez, director of the Environmental Engineering program at UPC, was interviewed in 2020 to give her opinion on the positive impact of quarantine on the environment and the planet within the framework of the pandemic. In Perú, very beneficial events for the ecosystem took place. According to figures from the Ministry of the Environment (MINAM), there was a decrease in electrical energy and the emission of more than 400 thousand tons of greenhouse gases. If we refer to ground transportation, more than 460 thousand tons of carbon dioxide (CO₂) have been avoided and, due to the suspension of domestic and international air transportation, the emission of at least 380 thousand tons of CO₂ has been avoided. The air quality in Lima has also improved considerably. The figures remain below 13 ug/m³, the director said.



Mercedes Gómez, director of the Environmental Engineering program.



Education with information: the director of Environmental Engineering revealed the environmental effects Produced by the pandemic



Globally, the positive environmental impacts of this pandemic include the recovery of ecosystems, the reduction of greenhouse gases, the reduction of illegal wildlife trafficking, and the return of many species to their natural habitat, among others. Gómez points out that we must see nature's second chance to pivot our policies, plans, projects, and actions towards a low-carbon economy and green growth. We must promote the conservation of our forests, flora, and fauna; promote renewable energy projects; as well as the implementation of public transportation with fewer emissions. All of this must be aligned with climate change adaptation and mitigation plans.

