

PROYECTOS DE CAMBIO CLIMÁTICO Y MEDIO AMBIENTE

CLIMATE CHANGE AND ENVIRONMENT

CERTIFICATION SERVICES IN THE SCOPE OF CIRCULAR ECONOMY	
Our role	Sole contractor
Client	Multi-client
Description	<p>AENOR develops a variety of activities related to circular economy from a conformity assessment perspective:</p> <p>Zero waste certification. The AENOR Zero Waste certification recognizes organizations that recover the various waste fractions they generate, within the defined scope, thereby avoiding the landfill as their ultimate destination</p> <p>End-of-waste status certification. AENOR is the first certification body to obtain the specific accreditation from Spanish National Accreditation Body (ENAC) for the certification of management systems of producers of materials that cease to be waste in accordance with all the currently published European Union Regulations. AENOR certifies the carbon footprint of a variety of products, services, organizations and events;</p> <p>EMAS- EcoManagement and Audit Scheme</p> <p>OPERATION CLEAN SWEEP®- Chaff reduction: responsibility for marine litter</p>
Country	Spain and other countries
Year	From 2010, different starting dates
Budget	2017 to Q2 2020: 1,567,064€
Key areas	Circular economy

ENVIRONMENTAL PRODUCT DECLARATIONS (GlobalEPD)	
Our role	Sole contractor
Client	Multi-client
Description	<p>ENVIRONMENTAL PRODUCT DECLARATIONS (GlobalEPD) allows companies and Public Administrations to offer and demand products that respect the environment and are based on Life Cycle information (LCA), in accordance with international standards and quantified environmental data through Activity planning, verification, corrective measures, technical review and surveillance verifications that lead to RPD approved by AENOR.</p> <p>AENOR is a Programme Operator for EPD verification having performed verifications in the construction sector (steel, cement, mortar, bricks, etc.) and in the food sector. AENOR is a founding member of ECO Platform, the European Association for DAP verification according to EN 15804 and is accredited to issue Environmental Declarations with the ECO Platform EPD EN 15804 VERIFIED™ logo. AENOR has performed verifications in the construction sector (steel, cement, mortar, bricks, etc.) and in the food sector. This verified EPD are used for private and public procurement, and in building certification.</p>
Country	Spain and other countries
Year	2011- ongoing
Budget	2017 to Q2 2020: 223,297€
Key areas	Circular economy

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CERTIFICATION OF CARBON FOOTPRINT	
Our role	Sole contractor
Client	Multi-client
Description	<p>Carbon Footprint can be calculated for a product, an organization or an event, and it is an instrument for determining, assessing and communicating the effect of products, services and organisations on climate change.</p> <p>The Product Carbon Footprint is the total amount of greenhouse gas (GHG) emissions that are generated in each of the phases of the product life cycle (from the extraction of the raw materials that make it up to the destination abandonment of the product).</p> <p>Currently, there are several general and sector-specific standards, references and guides to calculate the carbon footprint. For example, PAS 2050, GHG Protocol, ISO 14067, Carbon Footprint Protocol, etc.</p> <p>Verifying the Carbon Footprint can be done three different ways: Calculated CO2, Reduced CO2 or Offset CO2.</p>
Country	Spain and other countries
Year	2010-ongoing
Budget	2017 to Q2 2020: 1,140,365€
Key areas	Carbon footprint Circular economy

CERTIFICATION OF ECODESIGN MANAGEMENT	
Our role	Sole contractor
Client	Multi-client
Description	<p>AENOR Ecodesign certificate accredits that organizations have adopted a management system to identify, monitor and constantly improve its products' and/or services' environmental aspects, providing information to its clients on products that have incorporated environmental improvements in their design, in accordance with the standard UNE-EN-ISO 14006.</p> <p>AENOR's Ecodesign certificate accredits that organizations have adopted a management system to identify, monitor and constantly improve products' and/or services' environmental aspects (legal environmental requirements, environmental impact and cost reductions -consumption of materials, improvements to containers and packaging-, among others), providing information to their clients on products that have incorporated environmental improvements in their design, in accordance with the standard UNE-EN-ISO 14006. Since 2011 AENOR has been providing its certification services under the ISO 14006 standard and has issued 80 Ecodesign certificates.</p>
Country	Spain and other countries
Year	2011-ongoing
Budget	2017 to Q2 2020: 133,070€
Key areas	Circular economy

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SPECIALIZED TRAINING IN CIRCULAR ECONOMY

Our role	Sole contractor
Client	Multi-client
Description	<p>Among its courses, AENOR provides each year training for multiple technical areas related to Circular Economy, having a total of 230 students during the last 5 years :</p> <ul style="list-style-type: none"> ✓ Life Cycle Analysis. Application to the Circular Economy. ✓ Calculation and management of the Carbon Footprint. ✓ Practical workshop for the calculation and management of the Water Footprint. ✓ Ecolabeling. Environmental Product Declarations (EDP). Application to the Circular Economy. ✓ Eco-design. Environmental Product Declarations (EDP). Application to the Circular Economy. ✓ Circular Eco-design and Economy. ISO 14006. ✓ Zero Waste in the framework of the Economy Circular. ✓ Strategies for adaptation to climate change. ✓ Environmental Product Footprint of the European Union. Application to the Circular Economy. ✓ Carbon footprint. ✓ The Circular Economy, opportunities and strategy.
Country	Spain and other countries
Year	2014-ongoing
Budget	2017 to Q2 2020:+87,000€
Key areas	Circular economy

IMPLEMENTATION OF ENERGY MANAGEMENT SYSTEM (EnMS) AND ENERGY EFFICIENCY NETWORKS (EEN) IN MANUFACTURING INDUSTRIES IN NIGERIA (NESP II PROJECT)

Our role	Partner (GZA leader)
Client	GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit)
Description	<p>The subject of this project is to support the Federal Ministry of Industry, Trade and Investment (FMITI), Standards Organisation of Nigeria (SON), Manufacturers Association Nigeria (MAN) and Nigerian Association of Chambers of Commerce, Industry, Mines and Agriculture (NACCIMA) in implementing at least 5-10 energy efficiency measures in some selected manufacturing industries.</p> <p>WP 1 consists of the Implementation of the Energy Management System (EnMS) based on ISO 50001 Standard in at least five manufacturing industries.</p> <p>Within this WP, AENOR provides the certification expert and undertakes the certification step of up to five manufacturing industries under ISO 50,001 requirements.</p>
Country	Nigeria
Year	2019-2021
Budget	902,438€. AENOR 4%
Key areas	Energy efficiency

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VALIDATION AND VERIFICATION OF REDD+ PROJECTS AND AFOLU PROJECTS	
Our role	Sole contractor
Client	Several Clients (World Bank, Southpole, AIDER, UNDP, CONAF, Rainforest Alliance, AIDER, First Climate, PUR, ONFA....)
Description	<p>REDD+ is an international framework whose name stands for 'reducing emissions from deforestation and forest degradation, conservation of existing forest carbon stocks, sustainable forest management and enhancement of forest carbon stocks'.</p> <p>AENOR is accredited as Designated Operational Entity of the Clean Development Mechanism of the Kyoto Protocol in sectoral scope forestry sector both in validation and verification of the reduction of emissions.</p> <p>Since 2006, AENOR has carried out more than 120 validation and verifications works in forestry sector under regulatory and voluntary markets.</p> <p>Our services consist of providing the complete process of validation and registration of projects and verifications of A/R CDM activities, as well as in the Gold Standard and REDD+, AR VCS+CCB.</p>
Country	Worldwide
Year	2006-ongoing
Budget	2019 to Q2 2020: 399,250€
Key areas	Forestry carbon Carbon markets

FRAMEWORK AGREEMENT FOR VERIFICATION SERVICES UNDER NORWAY'S PERFORMANCE-BASED PARTNERSHIPS ON REDD+	
Our role	Sole contractor
Client	Government of Norway's International Climate and Forest Initiative (NICFI)
Description	<p>Norway has pledged a budget to reduce and eventually halt emissions from deforestation and forest degradation in tropical countries while improving the livelihoods of those who live off, in, and near the forests. Results-based, predictable and adequate funding streams is an important tool for reducing emissions from deforestation and forest degradation. The financial contributions from Norway are based on results achieved in partner countries keeping emissions from deforestation and forest degradation below an agreed level. The reported results of indicators for REDD+ Performance may include emissions or removals related to:</p> <ol style="list-style-type: none"> 1. Gross Deforestation; 2. Forest degradation; 3. Conservation of forest carbon stocks; 4. Sustainable management of forests; 5. Enhancement of forest carbon stocks
Country	Worldwide
Year	2019-ongoing
Budget	710,000€
Key areas	Forestry carbon Carbon markets

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DEVELOPMENT OF A MONITORING REPORTING AND VALIDATION (MRV) SYSTEM FOR GHG EMISSIONS FROM LIVESTOCK PRODUCTION IN KAZAKHSTAN

Our role	Sole contractor
Client	The World Bank
Description	<p>The objective of the assignment is the development of a MRV system for the livestock production sector in Kazakhstan and support to the different parties and actors interested in the implementation of the MRV system developed. It includes all ruminant livestock supply chains, from grasslands/feed to primary processing.</p> <p>Three results areas are identified:</p> <ul style="list-style-type: none"> • Improve Veterinary Service Delivery and Animal Recording. • Sale-up the Farmer-Centric Service Delivery Model. • Efficient Agri-Environmental Policies for the Meat Sector.
Country	Kazakhstan
Year	2020-ongoing
Budget	99,560 €
Key areas	Carbon markets; MRV

VALIDATION AND VERIFICATION OF CDM AND VOLUNTARY CARBON PROJECTS

Our role	Sole contractor
Client	Multiple clients
Description	<p>AENOR is accredited as Designated Operational Entity (DOE) of the Clean Development Mechanism of the Kyoto Protocol in sectoral scopes 1 to 15 both in validation and verification of the reduction of emissions. AENOR currently works in the fields of validation and verification / certification in all the geographical areas where they are carried out: Latin America (region with the highest number of actions), Africa and Asia.</p> <p>Since 2006, AENOR has carried out a total of near 200 validations of CDM projects, as well as more than 50 performances in validation of voluntary projects Gold Standard and VCS. On the other hand, AENOR has also participated on 9 occasions in the evaluation of new methodologies for calculating emissions and follow-up for approval by the UNFCCC. 69% of the actions of AENOR in the field of CDM / AC are located in Latin America, followed by 16% in Africa, and 15% in Asia.</p>
Country	Worldwide
Year	2006-ongoing
Budget	2017 to Q2 2020: 1,493,957€
Key areas	Carbon markets

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CARBOCERT: INNOVATIVE PROJECT ON THE QUANTIFICATION AND CERTIFICATION OF ORGANIC CARBON IN MEDITERRANEAN AGRICULTURAL SOILS

Our role	Partner
Client	Spanish Agrarian Guarantee Fund (FEGA), Government of Spain
Description	<p>CARBOCERT project has as its general objective the identification of management strategies to increase Carbon sequestration and storage in agricultural soils and in the fixed and enduring plant structures of the main agricultural crops of the Mediterranean environment, thus establishing methodologies for the quantification and certification of these absorptions, all taking into account the needs of adaptation of the sector to the new climate change scenario characterized by extreme climatic conditions in the Mediterranean environment.</p> <p>This overall objective was achieved through the development of a set of activities that were aimed, first, at expanding the degree of knowledge on management strategies that promote the increase of carbon stored in woody plant structures and agricultural soils, identifying the most relevant climate, soil and agronomic factors as well as the most appropriate methods for measuring such carbon.</p>
Country	Spain
Year	2018-2020
Budget	Project: 498,187€. AENOR 29,3%
Key areas	Carbon markets

TIMBER OPERATING GROUP SUSTAINABLE CONSTRUCTION

Our role	Partner
Client	Spanish Agrarian Guarantee Fund (FEGA), Government of Spain
Description	<p>The project "Grupo Operativo Madera Construcción Sostenible. Smart tool for selecting wood products for construction" consists of the development of an intelligent tool for the proper selection and prescription of products derived from wood intended for construction for its incorporation into sustainable buildings, providing technical and environmental content.</p> <p>It is about generating a new public service that values wood as a material for both technical and sustainability-related aspects, highlighting the role of forests and forest products in society as a natural source of construction materials. With it aims to reinforce the image of sustainable forest management and the positive impact of the use of wood in the construction process.</p> <p>"Wood for construction" has been consigned as the type of target product since the ultimate goal of the project which is to provide an innovative service to help the commercialization of all products derived from wood for construction.</p>
Country	Spain
Year	2018-2020
Budget	Project 495,066. 72 €. AENOR 2,73%
Key areas	Forest carbon Circular economy

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FRAMEWORK CONTRACT FOR STUDIES AND/OR TECHNICAL SUPPORT IN THE AREA OF ECODESIGN	
Our role	Partner
Client	European Commission. Directorate General for Internal Market, Industry, Entrepreneurship and SMEs
Description	<p>To provide the European Commission with assistance in analyse the interactions between industrial, environmental, human health, climate change, raw materials, energy, transport, employment, taxation, trade and investment, research and innovation, public procurement, the internal market for products and services, and on the consequences of these on the competitiveness of European manufacturers and businesses, consumers' welfare and employment.</p> <p>To this end, the consortium will provide guidance on legal and technical questions, analysis of product technologies and markets, data handling and modelling, expert and stakeholder facilitation, and deliverables of high scientific quality in response to every enquiry received. The proposed team will help bridge the science-policy gap and will make available the latest scientific tools, methods, and analyses in a language accessible to policy makers</p>
Country	EU
Year	2020-in force
Budget	Depending on the assingment
Key areas	Circular economy

FRAMEWORK SERVICE CONTRACT FOR THE PROVISION OF EXPERT ASSISTANCE TO SUPPORT THE EUROPEAN ENVIRONMENT AGENCY'S ACTIVITIES ON CIRCULAR ECONOMY AND INDUSTRIAL TRANSFORMATION	
Our role	Subcontractor
Client	European Environment Agency (EEA)
Description	<p>The activities under the framework contract aim to support policy development and implementation in Europe as well as addressing systemic challenges, by covering a range of activities across the environmental monitoring, data, information, assessment and knowledge framework.</p> <p>The consortium will support EEA with several areas of expertise, among others:</p> <ul style="list-style-type: none"> • Handling and analysing environmental and socio-economic data sets • Identifying, piloting and operationalising the use, for monitoring and policy assessment purposes, of new and/or alternative data sources • Preparing assessments and indicators in the area of circular economy and industrial transformation • Preparing assessments relevant to the production and consumption systems from a systemic perspective
Country	EU
Year	2020-in force
Budget	Depending on the assingment
Key areas	Circular economy

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VERIFICATION OF BIOREDD+ PROGRAM UNDER THE VERIFIED CARBON STANDARD (VCS) AND THE CLIMATE, COMMUNITY & BIODIVERSITY STANDARDS (CCB)

Our role	Sole contractor
Client	Chemonics International for USAID
Description	<p>The BIOREDD+ program seeks to be verified at VCS and CCB. This program has the main objective to reduce emission reduction from deforestation and degradation in huge tropical forests areas in the pacific coast of Colombia, but also it pursues short-term and long-term benefits; benefits for marginalized and/or vulnerable community groups; net positive impacts on women; implementing an equitable benefit sharing mechanism; effective participation through governance and implementation structures.</p> <p>Along the IV phases of the program AENOR has verified 8 projects within the program.</p>
Country	Colombia
Year	2018-2019
Budget	121,000€
Key areas	Forest carbon Carbon markets

DESIGN OF A MEASUREMENT, REPORTING AND VERIFICATION SYSTEM FOR A NAMA ON ENERGY EFFICIENT COOK STOVES

Our role	Sole Contractor
Client	Inter-American Development Bank (IADB)
Description	<p>The main objective of the project was the design of the actions for the start-up of a MRV system for the NAMA of efficient stoves.</p> <p>The design and implementation of the MRV system covered the total range of scenarios developed under the NAMA, and more specifically Emissions and reduction of GHG emissions The scope of development objectives including co-benefits Aspects, financial, technological, and capacity building, including the private and public investments depending on their respective origins. (MRV support).</p>
Country	Honduras
Year	2016-2017
Budget	45,000 €
Key areas	NAMA MRV

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VALIDACION AND VERIFICATION OF EMISSION REDUCTIONS PROGRAMS UNDER THE FCPF CARBON FUND	
Our role	Sole contractor
Client	The World Bank Group
Description	<p>PCPF is a global partnership of governments, businesses, civil society and indigenous peoples' organizations focused on reducing emissions from deforestation and forest degradation, preserving forest carbon stocks, sustainably managing forests and enhancing forest carbon stocks in developing countries, activities commonly known as REDD+.</p> <p>The FCPF Carbon Fund manages results-based payments to countries that have made progress in preparing and implementing REDD+ and have achieved verifiable emission reductions in their forests.</p> <p>AENOR as third-party VVB will verify the GHG statement made by the REDD Countries Participant in the program and will provide a Verification Report including a verification statement of the amount of verified reductions and a description of the process followed to reach such conclusion.</p>
Country	Costa Rica, Indonesia and Chile
Year	2021-2022
Budget	250.000 €
Key areas	Forest carbon Carbon markets