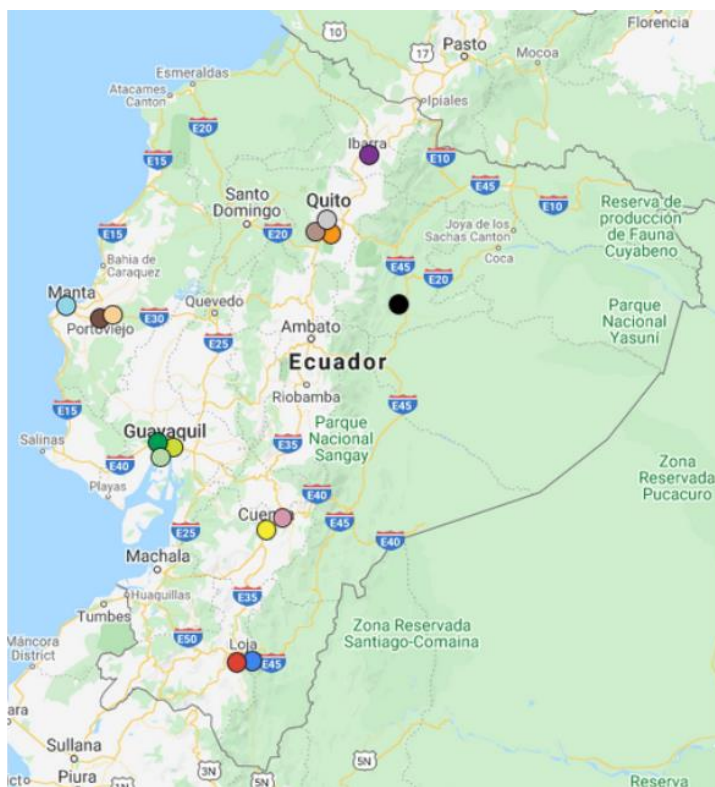


Overview interventions in Ecuador



Legend

- Universidad de Cuenca ●
- Escuela Superior Politécnica del Litoral ●
- Universidad Nacional de Loja ●
- Universidad Técnica Particular de Loja ●
- Universidad San Francisco de Quito ●
- Universidad Técnica del Norte ●
- Universidad Politécnica Nacional ●
- Universidad de Guayaquil ●
- Universidad Andina Simón Bolívar ●
- Universidad Regional Amazónica IKIAM ●
- Universidad Laica Eloy Alfaro de Manabí ●
- Universidad Nacional de Educación ●
- Universidad casa Grande ●
- Universidad San Gregorio de Portoviejo ●
- Universidad de las Fuerzas Armadas ESPE ●

Projects 2003-2021		
Type	Budget (€)	Number
Total	20.956.901	68
IUC	10.763.937	1
Networks	2.295.000	1
TEAM	3.642.646	12
SI	2.129.743	30
RIP	430.594	5
JOINT	727.405	4
Crosscutting	767.593	14
ICT Infrastructure	199.983	1

Projects in Five-Year Programme 2017-2021		
Type	Budget (€)	Number
Total	914.084	25
Networks	250.000	1
TEAM	175.575	6
SI	340.833	14
JOINT	147.676	4

Scholarships 2003-2020		
Type	Budget (€)	Number
Total	3.139.303	604
Ph.D.		
Subtotal	380.152	3
ICP Ph.D.	65.928	1
VLADOC	314.224	2
Short term		
Subtotal	687.140	535
ITP	35.428	5
KOI	90.243	43
REI	493.037	477
Other scholarships	68.432	10
Study		
Subtotal	2.072.011	66
ICP	2.072.011	66

List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget (€)
IUC	2004-2010	Institutional University Cooperation with Escuela Superior Politécnica del Litoral (phase 2 and phase-out)	M. Vincx (UG)	S. Flores	Escuela Superior Politécnica del Litoral	3.172.500
IUC	2005-2018	Institutional University Cooperation with Universidad de Cuenca (phase-in, phase 1, 2 and phase-out)	G. Wyseure (KUL)	F. Leon	Universidad de Cuenca	6.846.437
Networks	2012-2022	Network Biodiversity (phase-in, and phase 1 and 2)	P. Goethals (UG)	P. Herrera J.M.C. Cevallos	Escuela Superior Politécnica del Litoral	2.500.000
TEAM	2003-2008	Towards integrated catchment management in tropical mountain areas: the problem of sediment management.	G. Govers (KUL)	F. Cisneros	Universidad de Cuenca	316.736
TEAM	2005-2009	Contribution of afforestation and reforestation to the enhancement of physical and socio-economic land performance in the Southern Andes of Ecuador: assessment, modelling and planning support	J. Van Orshoven (KUL)	F. Cisneros	Universidad de Cuenca	298.305
TEAM	2008-2014	Improvement of process performance of small and medium food enterprises in Ecuador	T. Niewold (KUL)	N. Espín	Escuela Politécnica Nacional	294.915
TEAM	2010-2014	Improving and strengthening quality for family medicine training in Ecuador, using capacity building and distance learning	P. Van Royen (UA)	J. Valdivieso	Universidad Técnica Particular de Loja	306.669
TEAM	2015-2018	Management of water quality and quantity in lakes in Northern Ecuador using a catchment-based approach	K. Muylaert (KUL)	E. Velarde	Universidad Técnica del Norte	299.728
TEAM	2015-2018	Thermo-chemical conversion of lignocellulosic Ecuadorian agriculture residues into high value bio-chars, bio-oils and power generation	K. Van Geem (UG)	D.A. Streitwieser	Universidad San Francisco de Quito	298.205
TEAM	2016-2021	"Buen vivir" through integrated health care: optimizing intercultural collaboration in rural areas in Ecuador	K. Hendrickx (UA)	V. Dávalos	Universidad Técnica Particular de Loja	260.438
TEAM	2017-2021	Food standards and sustainability in the cocoa supply chain in Ecuador	E. Smolders (KUL)	E. Chavez	Escuela Superior Politécnica del Litoral	299.406
TEAM	2017-2021	Improving Ecuadorian child nutrition by using mango by-products as potential sources of bioactive compounds	J. Van Camp (UG)	J. Ruales	Escuela Politécnica Nacional	299.999
TEAM	2018-2021	Enhancing the social value of the circular economy in Latin America	M. Craps (KUL)	F. Soliz	Universidad Andina Simón Bolívar	271.692
TEAM	2018-2021	A combined omics and bioinformatics research approach to improve spontaneous Ecuadorian cocoa bean fermentation processes	S. Weckx (VUB)	J. Ruales	Escuela Politécnica Nacional	279.064
TEAM	2019-2022	Innovative governance systems for built cultural heritage, based on traditional Andean organisational principles in Ecuador	K. Van Balen (KUL)	F. Cardoso	Universidad de Cuenca	278.731
SI	2005-2006	Valorisation of PhD results and structuring the research area in páramo hydrology	J. Deckers (KUL)	B. Debriève	Universidad de Cuenca	5.547
SI	2007-2008	HPV Genotyping in cervical samples from women attending Colposcopy service at a Reference Hospital in Guayaquil	E. Van Driessche (VUB)	T. Fernández	Universidad de Guayaquil	6.993

List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget (€)
SI	2012-2014	Study of pathogen-pathogen interactions established during wilt disease development in Babaco (<i>Vasconcellea helbornii</i>)	K. Marchal (KUL)	R.C. Valdivieso	Universidad Nacional de Loja	66.481
SI	2012-2014	Facilitation and promotion of the uptake of the ForAndesT forest planning support system in forest extension policy and practice in the southern Andes of Ecuador	J. Van Orshoven (KUL)	P.V. Peralta	Universidad de Cuenca	69.754
SI	2012-2014	Optimizing Educational Research in Higher Education (OERHE)	M. Valcke (UG)	C. Montufar	Universidad San Francisco de Quito	69.202
SI	2013-2015	Sustainable management of lakes in Northern Ecuador under growing economic activities and a changing climate	K. Muylaert (KUL)	G.J.P. Garcés	Universidad Técnica del Norte	74.821
SI	2013-2015	To strengthen and build on medical curriculum reform at the UTPL (EI), with emphasis on distance education and modern concepts of learning	K. Hendrickx (UA)	J. Bobokova	Universidad Técnica Particular de Loja	74.580
SI	2013-2015	Quality management in teacher education with focus on science education	A. Vyt (Arteveldehogeschool)	M.M. Quezada	Universidad Técnica Particular de Loja	56.734
SI	2014-2016	Pilot study on DNA-based biomonitoring in the Amazon River basin	C. Van der Heyden (HG)	M.A.G. Oñato	Universidad Técnica del Norte	74.844
SI	2017-2018	"Buen vivir" by qualitative early childhood education and care	C. Detavernier (AH)	L. Pérez	Universidad Casa Grande	75.000
SI	2017-2018	A course for innovative teaching and research practice for teacher trainers in Ecuador	W. Hustinx (PXL)	R. Nuñez	Universidad Técnica del Norte	74.988
SI	2018-2019	Biomonitoring of aquatic environments in the Amazon using environmental DNA	C. Van der Heyden (HG)	J. Celi	Universidad Regional Amazónica IKIAM	69.959
SI	2018-2019	Improving research skills of healthcare professors to enhance evidence based practice in Northern Ecuador	A. Spooen (PXL)	S.G. Alarcon	Universidad Técnica del Norte	69.980
SI	2018-2019	COFOREC Consolidating a long-term forest monitoring network in a human modified landscape in Northern Ecuador.	H. Verbeeck (UG)	S. Baez	Escuela Politécnica Nacional	69.542
SI	2018-2019	Accessible orthopaedics in Ecuador	V. Creylman (TMK)	Y.B. Sánchez	Universidad Laica Eloy Alfaro de Manabí	69.972
SI	2019-2021	Longitudinal monitoring of nutritional health in Kichwa mothers and breastfed infants through saliva sequencing applications	W. Vanden Berghe (UA)	A.O. Manzano	Escuela Superior Politécnica del Litoral	69.938
SI	2019-2021	ProPED: Professionalisation of the ECEC centers by pedagogical guidance	S. Vastmans (AH)	L. Pérez	Universidad Casa Grande	69.946
SI	2020-2021	Seaweed-based innovations for a resilient aquaculture and agriculture (SIRENA)	P. Bossier (UG)	S. Van Den Hende	Escuela Superior Politécnica del Litoral	70.000
SI	2020-2021	Sustainable architecture for Manabi after the 2016 earthquake	K. Meerbergen (KUL)	C.P. Rendon	Universidad San Gregorio de Portoviejo	57.140

List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget (€)
SI	2020-2021	Upgrading Informal Settlements by the Co-production of Inclusive Public Spaces, in Guayaquil, Ecuador.	Y. Schoonjans (KUL)	F.C. de la Torre	Universidad Católica de Santiago de Guayaquil	69.214
SI	2020-2021	Incorporating sustainability concepts to management models of textile Micro, Small and Medium Enterprises (SUMA)	A. Van den Abbeele (KUL)	L. Siguenza-Guzman	Universidad de Cuenca	65.758
SI	2020-2021	Real time volcano monitoring for early eruption prediction using unmanned aerial vehicles and image processing methods	P. Vandewalle (KUL)	E.A.V. Torres	Escuela Politécnica Nacional	69.982
SI	2020-2021	Consolidating a long-term forest monitoring network in a human modified landscape in Northern Ecuador II (COFOREC II)	H. Verbeeck (UG)	J.L. Rivera	Escuela Politécnica Nacional	69.966
SI	2020-2021	Making cervix cancer screening accessible through self sampling in an intercultural context	V. Verhoeven (UA)	B.V. Crespo	Universidad de Cuenca	69.562
SI	2020-2021	Learning Analytics Tailored to Higher Education in Ecuador. (LATHEE)	T. De Laet (KUL)	M. Zuñiga-Prieto	Universidad de Cuenca	68.872
SI	2020-2021	Fostering a platform for research-based education to support sustainable development through Tourism in the Cajas Massif Area	D. Vanneste (KUL)	F.E. Figueroa	Universidad de Cuenca	69.929
SI	2020-2021	MIRA-ESTE: Microgrids for isolated rural areas: environmental, social, technological and economic aspects	W. Martinez (KUL)	D.A. Avilés	Universidad de las Fuerzas Armadas ESPE	69.884
SI	2020-2021	DNA-based monitoring for assessing the effect of invasive species on aquatic communities in the Amazon basin of Ecuador.	C. Van der Heyden (HG)	J. Celi	Universidad Regional Amazónica IKIAM	69.926
SI	2020-2021	Evidence-based Practice as tool to bridge the gap between the academic and clinical field	A. Spooren (PXL)	S.G. Alarcon	Universidad Técnica del Norte	69.236
RIP	2010-2014	Personalised Teaching and Learning Support Systems for the Development of Cognitive and Metacognitive Skills	M. Valcke (UG)	X. Ochoa	Escuela Superior Politécnica del Litoral	62.636
RIP	2010-2013	Applied research for non-metallic materials from Ecuadorian Coastal Region: Academic development with innovative applications for zeolites- and clays-based products	J. Elsen (KUL)	C. Paredes	Escuela Superior Politécnica del Litoral	73.183
RIP	2012-2015	Development of alkali activated cements using Ecuadorian natural zeolites and industrial solid wastes	J. Elsen (KUL)	C. Paredes	Escuela Superior Politécnica del Litoral	99.626
RIP	2014-2018	Non-destructive imaging and GC-MS based metabolomics for diagnosis of black sigatoka	S. Gautama (UG)	D.O. Donoso	Escuela Superior Politécnica del Litoral	95.886
RIP	2014-2017	Folate biofortification of Banana Musa spp	D. Van Der Straeten (UG)	O. Navarrete	Escuela Superior Politécnica del Litoral	99.263
Crosscutting	2005-2007	Design and development of supportive learning materials to develop statistics and methodological knowledge of students of applied biological sciences (North South South Cooperation)	M. Vincx (UG)	E. Peláez	Escuela Superior Politécnica del Litoral	19.896

List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget (€)
Crosscutting	2007-2008	Infrastructure for universal access to information, computational and teamwork services	M. Valcke (UG)	E. Peláez	Escuela Superior Politécnica del Litoral	101.000
Crosscutting	2007-2008	Improvement of the information and communication infrastructure of Ucuena to facilitate, professionalise and extend ICT services in administration, teaching, research and outreach activities	G. Wyseure (KUL)	R. Padilla	Universidad de Cuenca	225.000
Crosscutting	2009-2011	Development of integrated projects and internships as cornerstones in curriculum development aiming at Joint MSc degrees (North South South Cooperation)	G. Wyseure (KUL)	P. Cornejo	Escuela Superior Politécnica del Litoral and Universidad de Cuenca	30.000
Crosscutting	2011-2013	Statistical Research Planning (North South South Cooperation)	L. Duchateau (UG)	V. Tobar	Universidad de Cuenca	15.767
Crosscutting	2014-2015	Statistical research planning in action (North South South Cooperation)	L. Duchateau (UG)	V. Tobar	Universidad de Cuenca	12.650
Crosscutting	2014-2016	Agro-ecosystems mapping by low cost photogrammetry, based on Unmanned Aerial Vehicles (UAV) (North South South Cooperation)	E. Schrevens (KUL)	V. Iniguez	Universidad de Cuenca	19.643
Crosscutting	2014-2015	Tools for research assessment and education in the field of water resource management in Vietnam and Ecuador (North South South Cooperation)	M. Valcke (UG)	F. Cisneros	Universidad de Cuenca	38.943
Crosscutting	2015-2016	Platform for Ecuadorian Sustainable Academic Development (PESAD) (National Crosscutting)	M. Simons (KUL)	R.P. Cordero	Universidad Nacional de Educación	149.749
Crosscutting	2015-2016	Latin-American axe on preventive conservation of built heritage	K. Van Balen (KUL)	F. Cardoso	Universidad de Cuenca	37.500
Crosscutting	2015-2016	Development of E-Learning tools to support education and training related to monitoring and management of water resources	P. Goethals (UG)	L. Dominguez	Escuela Superior Politécnica del Litoral	24.875
Crosscutting	2015-2016	Developing a common quality control methodology and criteria evaluating the toxicological risk in traditionally used medicinal plants	Y. Vander Heyden (VUB)	F. Leon	Universidad de Cuenca	18.749
JOINT	2017-2021	Asociación Ecuatoriana para el Fomento de la Investigación Educativa (AEFIE)	M. Simons (KUL)	R.M. Muñoz	Universidad Nacional de Educación	375.000
JOINT	2018-2021	Statistics for development	Z. Shkedy (UH)	H.C. Validiviezo	Escuela Superior Politécnica del Litoral	119.869
JOINT	2020-2021	The Internet of Drops: Linking small water related observations towards a cloud of data with IoT enabled sensor networks	J. Diels (KUL)	V. Minaya	Escuela Politécnica Nacional	89.891
JOINT	2020-2021	SEfficiency	N. Dentchev (VUB)	E. Izquierdo	Escuela Superior Politécnica del Litoral	89.897
ICT Infrastructure	2014-2015	A private cloud creation for storing University of Cuenca end-users' information	G. Wyseure (UG)	R. Padilla	Universidad de Cuenca	199.983

List of ICP Ph.D. scholarships 2003-2021						
Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget (€)
ICP Ph.D.	2010-2012	The relationship between the biodiversity present in the Guasaganda region of Ecuador, and the dietary diversity of local diets	P. Kolsteren (KUL)	R. Espinel	Escuela Superior Politécnica del Litoral	65.928
List of VLADOC Ph.D. scholarships 2003-2021						
VLADOC	2008-2013	A community intervention in school-going adolescents in Ecuador: a cluster randomized controlled trial	P. Kolsteren (UG)	n/a	N/a	148.577
VLADOC	2010-2014	Payments for ecosystem services and compensation mechanisms for environmental degradation to finance conservation of Podocarpus National Park in Ecuador	G. Van Huylbroeck (UG)	n/a	n/a	165.647

Abbreviations (type): IUC=Institutional University Cooperation; SI=South Initiatives; RIP=Research Initiatives Programme; VLADOC=Flemish doctoral scholarships.

Abbreviations (Flemish institutions): KUL= Katholieke Universiteit Leuven; UG=Ghent University; UA=University of Antwerp; UH=University of Hasselt; VUB=Vrije Universiteit Brussel; AH=Artevelde University College; HG=University College Ghent; PXL=PXL University College.