

# Overview interventions in Vietnam



## Legend

- Hue University
- Can Tho University
- Quy Nhon University
- Vietnam National University of Agriculture
- Hanoi University of Civil Engineering
- Ho Chi Minh City University of Technology
- Hanoi University of Science and Technology
- Research Institute for Aquaculture No. 2
- Hanoi National University of Education
- Nha Trang University
- Haiphong University of Medicine and Pharmacy
- University of Transport and Communications
- Nong Lam University
- Hanoi University of Pharmacy
- Thai Nguyen University of Information Technology and Communication
- Vietnam Institute of Geosciences and Mineral Resources
- Danang University of Science and Technology

Projects 2003-2021		
Type	Budget (€)	Number
<b>Total</b>	<b>19.883.729</b>	<b>80</b>
IUC	8.079.627	4
Networks	2.295.000	1
TEAM	5.240.223	16
SI	2.571.937	38
RIP	1.098.453	11
JOINT	247.963	2
Crosscutting	350.525	8

Ongoing projects in 2021		
Type	Budget in 2021 (€)	Number
<b>Total</b>	<b>1.245.197</b>	<b>24</b>
IUC	490.557	2
Networks	250.000	1
TEAM	180.806	9
SI	249.938	10
JOINT	73.896	2

Scholarships 2003-2020		
Type	Budget (€)	Number
<b>Total</b>	<b>10.542.712</b>	<b>649</b>
<b>Ph.D.</b>		
<b>Subtotal</b>	<b>2.017.365</b>	<b>18</b>
ICP Ph.D.	1.803.215	17
VLADOC	214.149	1
<b>Short term</b>		
<b>Subtotal</b>	<b>1.120.899</b>	<b>417</b>
ITP	421.400	75
KOI	171.831	82
REI	237.180	214
Other scholarships	290.488	46
<b>Study</b>		
<b>Subtotal</b>	<b>7.404.448</b>	<b>214</b>
ICP	7.404.448	214

## List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
IUC	2021-2022	Institutional University Cooperation with Quy Nhon University (QNU) (phase-in)	K. Temst (KUL)	Vu Thi Ngan	Quy Nhon University	160.000
IUC	2003-2010	Institutional University Cooperation with Can Tho University (CTU) (phase 2 and phase out)	P. Sorgeloos (UG) M. Valcke (UG)	Nguyen Anh Than	Can Tho University	3.175.000
IUC	2004-2009	Institutional University Cooperation with Hanoi University of Science and Technology (HUT) (phase 2 and phase out)	K. Steenhaut (VUB)	Xan Thu Do	Hanoi University of Science and Technology	1.654.627
IUC	2012-2022	Institutional University Cooperation with Hue University (HU) (phase 1 and 2)	P. Bossier (UG)	Nguyen Van Toan Nguyen Quang Linh	Hue University	3.400.000
Networks	2012-2022	Network Bioscience for Food (phase 1 and 2)	K. Dewettinck (UG)	Thanh Ha Toan	Can Tho University	2.545.000
TEAM	2004-2009	Control of salmonellosis and colibacillosis in swine and poultry in Vietnam	B. Goddeeris (KUL)	Nguyen Viet Khong	Central Vietnam Veterinary Institute	309.600
TEAM	2004-2010	Impact of Mangrove exploitation on the Benthic ecosystem and the assessment of ecological quality objectives (IMABE)	A. Vanreusel (UG)	Nguyen Vu Thanh	National Centre for Sciences and Technology	265.849
TEAM	2007-2012	Poverty reduction through research-based sustainable development in mountain karst areas in North-Eastern Vietnam	J. Masschelein (KUL)	Quang Hoang Pham	Vietnamese Academy of Social Sciences	306.491
TEAM	2009-2013	Searching novel and more convenient catalysts for treatment of motor bikes' exhaust gases	I. Van Driessche (UG)	Le Ming Thang	Hanoi University of Science and Technology	293.751
TEAM	2011-2015	Ensuring seed supply of commercially important bivalve species in Central Vietnam by optimizing the larval production	P. Bossier (UG)	Tri Van Dao	Research Institute for Aquaculture N°3	299.840
TEAM	2015-2017	Assessment of the environmental and socio-economic impact after dam construction in the Mekong estuarine system: the case of the Ba Lai estuary	A. Vanreusel (UG)	Xuan Quang Ngo	Institute of Tropical Biology (VAST)	203.496
TEAM	2015-2019	Increasing economic viability of the Vietnamese fresh fruit industry by reducing postharvest losses	B. Nicolai (KUL)	Tran Thi Dinh	Vietnam National University of Agriculture	299.961
TEAM	2016-2021	Soil-improving cropping systems for sustainable rice production in the Vietnamese Mekong delta (SUSRICE)	W. Cornelis (UG)	Vo Quang Minh	Can Tho University	299.058
TEAM	2016-2021	Reinforcing the capabilities of Quy Nhon University-Vietnam in solving local problems by building up a doctoral training program	Nguyen Minh Tho (KUL)	Ngoc My Do	Quy Nhon University	299.828
TEAM	2016-2021	Water Management and urban Development in Ha Tinh in relation to climate change (WAMADE)	B. Somers (KUL)	Kim Chi Vu	Institute of Vietnamese studies and Development Sciences (VNU)	299.998
TEAM	2017-2021	An innovative solution to protect Vietnamese coastal riverbanks from floods and erosion	M.A. Wahab (UG)	Nguyen Xuan Hung	Ho Chi Minh City University of Technology	299.996
TEAM	2017-2021	Decentralized water treatment by waste-to-product approach using low cost - high performance adsorbents and ion-exchange	B. Van der Bruggen (KUL)	Pham Thi Thuy	Hanoi University of Science (VNU)	299.702

## List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
TEAM	2017-2021	Tackling the mycotoxin issue in Vietnamese agricultural products to minimize human exposure	M. Eeckhout (UG)	Thien Dao	Ho Chi Minh City University of Food Industry	300.000
TEAM	2018-2021	Damage assessment tools for Structural Health Monitoring of Vietnamese infrastructures	M.A. Wahab (UG)	Tien Thanh Bui	University of Transport and Communications	279.710
TEAM	2018-2021	Valorisation of phenolic compounds from plant by-products as natural preservatives for fruit preservation and food processing	K. Raes (UG)	Thien Trung Le	Nong Lam University	279.034
TEAM	2019-2022	Impact of saltwater intrusion on water resources and irrigation in the Southern Central region of Vietnam under climate change	T. Hermans (UG)	Ho Huu Hieu	Vietnam Institute of Geosciences and Mineral Resources	279.970
SI	2004-2005	Follow-up of the Own Initiative AMISED (medical technology)	J. Vandersloten (KUL)	Van An Pham	Hanoi University of Science and Technology	6.100
SI	2005-2006	Vulgarisation of the results of the VLIR Own Initiative project 'Environmental management in the rapidly developing coastal area of Camau, South Vietnam'	L. Hens (VUB)	Van Y Tran	Vietnamese Academy of Science and Technology	9.450
SI	2006-2007	Post project survey of adoption and adaptation of improved soil fertility management options in the uplands of South-Vietnam	R. Merckx (KUL)	Cong Thi Phan	Institute of Agricultural Sciences of South Vietnam	4.928
SI	2007-2008	VVT: A Practical Guide (including a CD) for Tracing Experiments in Karst Areas in Vietnam	F. De Smedt (VUB)	Nguyen Vu Thi Minh	Research Institute of Geology and Mineral Resources	11.865
SI	2011-2013	Exploring future university development cooperation in rural North Vietnam supported by existing partnerships: a harvest and seed approach	K. Steenhaut (VUB)	Viet Binh Pham	Thai Nguyen University	58.425
SI	2011-2013	Zoobenthic biodiversity of Can Gio mangrove ecosystems and the dissemination of its status and importance to the local communities	A. Vanresuel (UG)	Nguyen Ngoc Chau	Vietnam Academy of Science and Technology	66.918
SI	2012-2014	Building up a New Master Program in Physical and Theoretical Chemistry in Quy Nhon University, Vietnam	Nguyen Minh Tho (KUL)	Ngoc My Do	Quy Nhon University	74.563
SI	2012-2014	Elaborating a framework for a joint research on reducing postharvest losses of longan and litchi cultivated in Vietnam	B. Nicolai (KUL)	Tran Thi Dinh	Hanoi Agricultural University	74.915
SI	2012-2014	Reducing the burden of Pertussis disease in very young infants in different epidemiological settings by augmenting maternal antibody concentrations during pregnancy	P. Van Damme (UA)	Anh Duc Dang	National Institute of Hygiene and Epidemiology	68.120
SI	2012-2014	A Joint Belgium - Vietnam Study on Packaged Membrane Bio-Reactor - from laboratory to the fast growing market of decentralized wastewater treatment in Vietnam	B. Van der Bruggen (KUL)	Nguyen Viet Anh	Hanoi University of Civil Engineering	72.084
SI	2013-2015	Application of Sewage Plus Technology for wastewater treatment in Vietnam	L. Diels (UA)	Nguyen Dan Phuoc	Ho Chi Minh City University of Technology	74.922
SI	2013-2015	Environmental and food reservoirs of antibiotic resistant organisms and its link with human disease	H. Goossens (UA)	Dang Duc Anh	National Institute for Veterinary Research	68.872
SI	2013-2015	Developing family medicine through a network of continuing medical education among the family medicine graduates from Can Tho UMP	A. Derese (UG)	Pham Tam Thi	Can Tho University	74.147

## List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
SI	2013-2015	The diagnosis of zoonotic and soil-transmitted helminth infections in Central Vietnam	P. Dorny (UG)	Nguyen Van Chuong	Institute of Malariaology, Parasitology and Entomology Quy Nhon	74.982
SI	2014-2016	Structural Health Monitoring Program to improve the management of natural resources in Vietnam	Guido De Roeck (KUL)	Bui T. Thanh	The University of Transport and Communications	57.972
SI	2014-2016	Strengthening family medicine training with focus on physician/patient communication in North-East Coastal region of Vietnam	Anselme Derese (UG)	Nguyen Van Hung	Haiphong University of Medicine and Pharmacy	74.960
SI	2014-2016	Enhancing food safety and security in Vietnam: Control of the spoilage and mycotoxin contamination of agro-products by moulds	Frank Devlieghere (UG)	Dao Thien	Ho Chi Minh City University of Food Industry	74.988
SI	2014-2016	Applying Wireless Sensor Networks in agriculture: a hydroponic greenhouse as student lab and research environment for improving the quality of vegetable cultivation in the north of Vietnam	Joeri Gerrits (EhB)	Vu Thanh Vinh	Thai Nguyen University of Information Technology and Communication	74.174
SI	2014-2016	Algal biomass production for bioproducts through treatment of wastewater of rubber processing plants in Vietnam	Koenraad Muylaert (KUL)	Truong Vinh	Nong Lam University	74.315
SI	2014-2016	Strengthening Vietnamese postharvest capital	Bart Nicolai (KUL)	Tran Thi Dinh	Hanoi University of Agriculture	74.981
SI	2014-2016	Strengthening research capacity in the field of valorization of fruit and their by-products	Katleen Raes (UG)	Thien Trung Le	Nong Lam University	74.042
SI	2014-2016	Assessment of the Neonatal hepatitis B vaccination Coverage & Attitude in the Mekong delta (acronym: ANBeCAM)	Pierre Van Damme (UA)	Pham Thi Tam	Can Tho University of Medicine and Pharmacy	74.020
SI	2014-2016	Development and application of dry coating technology to prepare tablets containing berberin for colon targeting	Guy Van den Mooter (KUL)	Pham Thi Minh Hue	Hanoi University of Pharmacy	74.802
SI	2014-2016	Evaluation of low-cost cellulosic materials from agricultural by-products for removal of heavy metals from polluted water sources	Bart Van der Bruggen (KUL)	Pham Thi Thuy	Hanoi University of Science	74.558
SI	2014-2016	A joint structural research on platinum(II) complexes for antitumor activity and elaboration of the framework for training in crystallography	Luc Van Meervelt (KUL)	Nguyen Bich Ngan	Hanoi National University of Education	74.812
SI	2017-2019	Improve herd performance for a more sustainable local beef production in the Southeast region of Vietnam	E. Goossens (HoGent)	Pham Ho Hai	Center for Animal Genetics and Seed Evaluation Management	74.982
SI	2018-2019	Enhancing the educational program and the research of the master in solid state physics at Quy Nhon University	K. Temst (KUL)	Ngoc My Do	Quy Nhon University	68.532
SI	2018-2019	Microbiological food safety of ready-to-eat food in hospitals and universities' canteens in Hanoi, Vietnam	C. Michiels (KUL)	Hue Luu Thi	Vietnam National University	69.989
SI	2019-2021	Supporting the Mekong fish farmers with the breeding of tra catfish	F. Volckaert (KUL)	Nguyen Van San	Research Institute for Aquaculture No. 2	69.928
SI	2019-2021	Assessment of urban flood hazard in Hanoi under current and future climate conditions	P. Willems (KUL)	Nguyen Thanh Thuy	Institute of Hydrology, Environment and Climate Change	66.902

## List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
SI	2019-2021	Applying gene technology for sustainability: developing dsRNA delivery tools for aquaculture	P. Bossier (UG)	Nguyen Viet Dung	Research Institute for Aquaculture No. 2	70.000
SI	2020-2021	Development of a drought monitoring and early-warning system for the central highlands of Vietnam	N. Verhoest (UG)	Anh Phuong Tran	Water Research Institute	86.966
SI	2020-2021	New appealing soybean functional foods with a taste of Vietnamese cultural heritage: design and dissemination of the technologies	K. Dewettinck (UG)	Tran Thi Dinh	Vietnam National University of Agriculture	69.862
SI	2020-2021	Exploring foodborne parasites as a food safety problem in South Vietnam	S. Gabriël (UG)	Hien Le Thanh	Nong Lam University	69.995
SI	2020-2021	Building Capacity for Disaster Management for the Mountainous region of Da Bac district, Hoa Binh Province, Vietnam	M. Kervyn (VUB)	Nguyen Quoc Dinh	Vietnam Institute of Geosciences and Mineral Resources	70.000
SI	2020-2021	EmFaVie: Fighting the Emergence of Fascioliasis in Northern Vietnam	B. Levecke (UG)	Do Trung Dung	National Institute of Malariaology, Parasitology and Entomology	69.996
SI	2020-2021	Towards a risk-based food safety management system in Da Nang, Vietnam	M. Uyttendaele (UG)	Dang Dang Minh Nhat	Danang University of Science and Technology	69.997
SI	2020-2021	Effect of Green house gasses produced during organic matter accumulation in a dam area in the Mekong	A. Vanreusel (UG)	Xuan Quang Ngo	Institute of Tropical Biology	69.972
JOINT	2019-2021	Joint endeavour to enhance dairy and beef production in Vietnam, Uganda & Ethiopia	V. Fievez (UG)	Le Dinh Phung	Hue University of Agriculture and Forestry	134.989
JOINT	2020-2021	An international academic Family Medicine Network on interprofessional collaboration	J. Wens (UA)	Minh Tam Nguyen	Hue University	86.966
RIP	2010-2014	Development of Phosphors and Metal oxides for use in High-Efficiency Lighting	D. Poelman (UG)	Pham Huy Thanh	Hanoi University of Science and Technology	94.417
RIP	2011-2015	Fabrication of microwire Cu/(CoP, FeCoNi)/Au(glass) with giant magnetoimpedance (GMI) by electrodeposition technique and applications for magnetic sensors	H. Terryin (VUB)	Mai Tung Thanh	Hanoi University of Science and Technology	99.750
RIP	2012-2015	Visually impaired people assistance using multimodal technologies	W. Philips (UG)	Pham Thi Yen Ngoc	Hanoi University of Science and Technology	98.760
RIP	2012-2016	Development of semiconductor metal oxide nanowire sensors for toxic gas detection: toward prototype sensors and instruments for monitoring air pollution	H. Van Langenhove (UG)	Nguyen Van Hieu	Hanoi University of Science and Technology	99.946
RIP	2012-2016	Advanced Studies in pond culture-keys to succes for sustainable artemia farming	P. Bossier (UG)	Nguyen Tuan Anh	Can Tho University	99.850
RIP	2013-2016	Research and application of Biomass gasification technology for electric/energy application of Vietnam remote areas	G. Marin (UG)	Van Dinh Son Tho	Hanoi University of Science and Technology	99.958
RIP	2013-2017	Development of label-free biosensors based on carbon ink electrode and quartz crystal microbalance devices for early diagnosis of prostate cancer: Toward instrument for	P. Wagner (UH)	Thi Lien Ngoc Truong	Hanoi University of Science and Technology	99.776

### List of projects 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
Crosscutting	2005-2007	Design and development of supportive learning materials to develop statistics and methodological knowledge of students	M. Vincx (UG)	Le Van Khoa	Can Tho University	19.896
Crosscutting	2007-2008	Extension and development of the capability of information and communication technology infrastructure in Can Tho University	M. Valcke (UG)	Xe Van Do	Can Tho University	158.000
Crosscutting	2007-2008	Supply chain management of cutflowers in the Philippines and Vietnam	D. De Waele (KUL) J. Viaene (UG)	Nguyen Anh Tuan	Can Tho University	19.688
Crosscutting	2009-2011	Development of integrated projects and internships as cornerstones in curriculum development aiming at Joint MSc degrees	G. Wyseure (KUL)	Le Quang Tri	Can Tho University	30.000
Crosscutting	2014-2016	Tools for research assessment and education in the field of water resource management in Vietnam and Ecuador (North South South Cooperation)	M. Valcke (UG)	Nguyen Van Toan	Hue University	38.943
Crosscutting	2015-2016	Development of E-Learning tools to support education and training related to monitoring and management of water resources	P. Goethals (UG)	Hoang Huu Hanh	Hue University	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)	Nguyen Hoai Nam	Vietnam Academy of Science and Technology	18.749

### List of ICP Ph.D. scholarships 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
ICP Ph.D.	2003-2007	<i>No title available</i>	F. Deheirs (VUB)	Pham Ngoc Son Chu	Research Institute for Aquaculture No. 2	122.443
ICP Ph.D.	2004-2008	Sustainable management of root-knot nematodes ( <i>Meloidogyne</i> spp.) on black pepper in Vietnam	D. De Waele (KUL)	Le Luong Te	Hanoi Agricultural University	135.993
ICP Ph.D.	2004-2008	<i>No title available</i>	P. Sorgeloos (UG)	Nguyen Van Hao	Research Institute for Aquaculture No. 2	113.274
ICP Ph.D.	2005-2009	Effect of Lecithin components on the heat- induced interaction between whey protein and casein micelles	P. Van der Meeren (UG)	Dinh Hao Hoang	Hanoi University of Science and Technology	97.118
ICP Ph.D.	2005-2009	Zoonotic fascioliasis in Vietnam: molecular identification and geographical distribution	P. Dorny (UG)	Le Hoa Thanh	Institute of Biotechnology	97.118
ICP Ph.D.	2005-2009	<i>No title available</i>	P. Sorgeloos (UG)	Nguyen Van Hao	Research Institute for Aquaculture No. 2	97.118
ICP Ph.D.	2005-2009	Migratory plant-parasitic Nematodes on COffee in Vietnam and their MANagement through resistance (NECOMAN)	M. Moens (UG)	Nguyen Ngoc Chau	Vietnam Academy of Science and Technology	97.118

### List of ICP Ph.D. scholarships 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
ICP Ph.D.	2005-2009	Development of the Wetspa model for flood prediction in Huong and Vu Gia - Thu Bon River basins in central Vietnam	F. De Smedt (VUB)	Dinh Tuan Ngo	Water Resources University	97.118
ICP Ph.D.	2006-2011	Oedema disease-associated Escherichia coli in northern Vietnam, pathogenicity versus natural immo-status	B. Goddeeris (KUL)	Nguyen Viet Khong	Ministry of Agricultural and Rural Development	101.242
ICP Ph.D.	2007-2011	Genetic assessment of pesticide-degrading bacterial communities in the Mekong delta of Vietnam	D. Springael (KUL)	Kim Thinh Tran	Can Tho University	99.750
ICP Ph.D.	2007-2011	Integrating Environmental Modelling and Geographic Information System in Environmental Health Impact Assessment of Transport and Mobility Development in Hai Phong, Vietnam	L. Hens (VUB)	Ngoc Ho Pham	Vietnam National University	99.750
ICP Ph.D.	2008-2012	Assessment of the benthic ecological quality in the 8 estuaries of Mekong River System based on meiofauna with special emphasis on nematode communities	A. Vanreusel (UG)	Nguyen Vu Thanh	Institute of Ecology and Bioresources	105.085
ICP Ph.D.	2008-2012	Assessment of low-cost adsorbents for production of safe drinking water from polluted surface water. Case study: Phu Ly town, Ha Nam, North of Vietnam	B. Van der BRuggen (KUL)	Nguyen Viet Anh	Hanoi University of Civil Engineering	105.085
ICP Ph.D.	2009-2013	Assessing participation in forest resource management - The case of Ngoc Son - Ngo Luong Nature Reserve - Hoa Binh province and Geo-Park project in Ha Giang province,	D. Wildemeersch (KUL)	Nguyen Suu Van	Vietnam National University	109.908
ICP Ph.D.	2009-2014	Potential effects of sea level rise on coastal vegetation in Vietnam: A case study in Hai Phong and Ca Mau	N. Koedam (VUB)	Nguyen Phan Hong	Hanoi University of Education	109.908
ICP Ph.D.	2012-2016	Simulation of saline water intrusion into downstream of the Ma river catchment taking into account the impacts of climate change in dry season	J. Monbaliu (KUL)	Vu Cat Minh	Water Resources University	105.010
ICP Ph.D.	2014-2018	Digital soil mapping to support efficient regional fertilizer-use management in Vietnam	P. Finke (UG)	Tran Tien Minh	Soils and Fertilizers Research Institute (VAAS)	110.175

### List of VLADOC Ph.D. scholarships 2003-2021

Type	Runtime	Title	Flemish promoter	Local promoter	Local institution	Total budget
VLADOC	2012-2017	Introducing societal stakeholders as co-decision makers in Integrated Coastal Zone Management in Vietnam	T. Vanwing (VUB)	Le Tuan Xuan	Research Institute for the Management of Seas and Islands (MONRE)	177.732

Abbreviations (type): IUC=Institutional University Cooperation; SI=South Initiatives; RIP=Research Initiatives Programme; ICP Ph.D.=ICP doctoral scholarships; 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; EhB=Erasmus University College Brussels.