

COLLABORATIVE AGREEMENT
BETWEEN
THE AGENCIA NACIONAL DE INVESTIGACIÓN E INNOVACIÓN
AND
STICHTING IHE DELFT

The Agencia Nacional de Investigación e Innovación (called further ANII in this agreement) and Stichting IHE Delft (called further IHE Delft in this agreement) share an interest in continuing the established working relationship of mutual benefit. An initial agreement between ANII and IHE Delft signed in 2012 has allowed the participation of talented Uruguayan participants at the MSc and PhD programs offered by IHE Delft through an innovative and successful shared financing scheme between the two institutions. The participation of the productive sector in Uruguay was strongly encouraged at where most of the participants have conducted their experimental work. After graduating most of the graduates were hired by the productive sector in Uruguay; most significantly, some of the graduates followed an entrepreneurship path starting-up their own water-related business. This last achievement was greatly valued by both parties. Opportunities for closing the loop between education, innovation, and entrepreneurship have been further identified which are at the center of this follow up renewal agreement between ANII and IHE Delft.

The purpose of this agreement is to support and strengthening ANII and IHE strategies on closing the cycle between (i) education, (ii) innovation, and (iii) entrepreneurship as follows:

1 – Education: The goal of this component is to develop and strengthening the human capital at the beginning of the education/innovation/entrepreneurship cycle and consists in the allocation of MSc and PhD scholarships as follows:

1.1 – Master of Science (MSc) scholarship program: Urban Water and Sanitation – Specialization Sanitary Engineering

a) ANII and IHE Delft will co-fund up to thirty seven (37) scholarships for a total initial period of seven (7) years starting on the academic year 2019 and finishing by the academic year 2026.

b) The new tailor-made MSc program for Uruguayan participants encourage both the development of technical innovations in Uruguay (as described in numeral 2 below), and the mandatory participation of the Uruguayan students on a new entrepreneurship course and training to be developed as a part of the MSc curriculum (as described in numeral 3).

c) The total cost of the new 18 months Delft based MSc program at IHE Delft (including tuition fees, direct study related costs, insurance, residence permit in the Netherlands, settling-in allowance, monthly allowance, and travel costs) is of Euros 54,500.00.

d) IHE Delft will contribute with Euros 19,500.00 per MSc scholarship, while ANII will contribute with up to Euros 35,000.00 per MSc scholarship.

e) Uruguayan potential applicants interested in pursuing the MSc degree will seek admission following the usual application procedures and meeting the standard admission requirements at IHE Delft and the standard scholarship granting requirements at ANII. Applicants academically admitted and selected as beneficiaries by ANII will be granted with the scholarship.



f) ANII funds originally allocated to the MSc scholarship component on this agreement can be freely allocated to other components described on this agreement considering that at least thirty five (35) MSc participants will be registered at the MSc program at IHE Delft during the seven years period 2019-2026.

g) In case that during the recruitment period enough high quality talented applicants cannot be selected satisfying both the admission criteria for the MSc programs of IHE Delft and the scholarship granting criteria of ANII, the initial seven years period of the agreement (2019-2026) can be extended until the remaining MSc scholarship funds are fully executed.

h) Since the intention of ANII is to promote the development of education graduate programs in Uruguay by encouraging the development of double degree or joint degree programs between Uruguayan universities, research centers, and IHE Delft: (i) ANII reserves the right, together with its local academic partners in Uruguay, to co-define the research topics that Uruguayan participants will execute during their research phase to be conducted entirely in Uruguay to make sure the topics are relevant to the Uruguayan actual needs in the field; (ii) in case that in the period for which this agreement is valid a Uruguayan university or research center develops a further collaboration with IHE Delft on the establishment of an education program with part of the taught and research phase delivered in Uruguay (such as a double degree, joint degree, or similar hybrid programs), the Parties will discuss possibilities for giving priority to these type of hybrid programs when allocating the scholarships.

i) The research phase of the MSc program will be conducted in Uruguay with IHE Delft supervision in relevant topics to the Uruguayan needs in the field (ideally aiming at supporting the productive sector in Uruguay).

1.2 – PhD scholarship program

a) ANII and IHE Delft will co-fund up to six (6) PhD scholarships for a total initial period of seven (7) years starting on the academic year 2019; ideally, one PhD participant starting on each academic year in the period for which this agreement is valid.

b) The PhD degree is jointly awarded by IHE Delft and the Delft University of Technology (TU Delft). The PhD research will address a relevant need of the productive sector in Uruguay. The encouragement of innovation and entrepreneurship will be promoted; the PhD participants need to be registered on the entrepreneurship tailor-made course specially developed for the Uruguayan MSc participants under this agreement or similarly agreed by both parties.

c) The cost of the four years PhD program at IHE Delft – TU Delft includes: (i) cost payable to IHE Delft of Euros 77,400.00 (including tuition fees, direct study related costs, residence permit in the Netherlands, partial research costs, and handling fee); and (ii) cost payable to the student – student related costs of Euros 73,420.00 (including monthly allowance, health insurance, study material allowance, book allowance, conference allowance, and travel costs). That is, the total four years PhD cost of a fully funded PhD at IHE Delft – TU Delft is of Euros 150,820.00 (excluding additional research costs).

d) IHE Delft will contribute with Euros 10,500.00 per PhD scholarship, while ANII will contribute with up to Euros 65,000.00 per PhD scholarship to partially cover the PhD program cost previously described in literal c).



e) The remaining costs as described in literal c) shall be covered by an external source (third party) including for instance participating on an external project funded by a different donor, or students own funds (own account participant).

f) The PhD scholarships and both IHE and ANII contributions will be executed only if matching funds for the remaining costs described in literal c) are secured by IHE either from an external project source or from participant own funds. The procurement situation of the remaining matching funds to cover the student related costs will be informed on an annual basis to ANII at the beginning of each financial year to better plan the funds allocation on this component.

g) Separate PhD collaborative agreements will be elaborated for each single PhD fellowship before granting the PhD scholarships and before executing IHE and ANII contributions. In these separate agreements the specific contribution of each donor (ANII, IHE, and third party donor) will be clearly stated.

1.3 – Summer school and graduate professional diploma programs

a) IHE Delft will strongly promote the delivery of both summer school programs and graduate professional diploma (consisting of a series of short courses) in Uruguay in partnership with Uruguayan universities, water companies, and research institutions.

b) The funds for conducting the activities described in literal a) will be procured together with ANII and local partners. If decided by ANII, funds allocated by ANII as described on numeral 1.1 can be reallocated to partially cover the costs of conducting some of these activities.

2 – Innovation: The goal of this component is to encourage both at the MSc and PhD levels the development of technical innovations in the field of urban water and sanitation in Uruguay; these technical innovations ideally shall end up in the development of patentable outputs and technologies that can be subsequent commercialized in the market in Uruguay and abroad.

a) The research topics at both the MSc and PhD levels will be fully oriented on developing technological innovation by establishing partnerships with both Uruguayan and European companies in the field.

b) At the earliest possible stage both in the MSc and PhD programs the participants will be connected with an organization of the productive sector in Uruguay demanding a technical solution related to urban water and sanitation with possibilities for developing technical innovations. The participant will center his/her research aiming at developing a technological solution for that need.

c) After graduation, the research activities of the MSc graduates can be further extended for a period of up to three months in cases where a strong chance of success on the potential development of a technological innovation and/or a patentable output is envisioned; that extra time shall be used to further testing and evaluating the new developed technological innovation. The only costs included in this tentative extension will be the monthly allowance for the participant (of up to Euros 1,000.00 per month), and the research cost (that is, piloting cost, and/or laboratory consumables of up to Euros 5,000 per participant). For this particular case funds will be procured from the companies involved on that research activities. This item will also be applied to the MSc students under previous agreements.

3 – Entrepreneurship: The goal of this component is to establish an entrepreneurship program for Uruguayan MSc and PhD participants under this agreement aiming at encouraging Uruguayan participants after graduation to convert the scientific and technical innovations into profitable business.

a) An entrepreneurship program will be developed for Uruguayan participants and will be offered as a part of the MSc curriculum. The program will include at least one short course and several activities related to entrepreneurship taking the advantage of the expertise developed by the TU Delft on this subject. Examples and case studies on successful stories of scientific innovations converted into profitable business in the water sector in the Netherlands will be included. The costs for developing and running the course(s) on entrepreneurship will be entirely covered by IHE Delft.

b) A short course on entrepreneurship as described in literal a) will be also converted into an on-line course. IHE Delft will cover the costs for developing the on-line course and the online course will be available for future Uruguayan participants under ANII scholarships.

c) IHE Delft will support the establishment of a short term exchange program for Uruguayan researchers/companies to visit the Netherlands and learn from the Dutch successful experiences on entrepreneurship; and from Dutch entrepreneurs to visit Uruguay to describe their successful experiences in the water sector in the Netherlands. If decided by ANII, funds allocated by ANII as described on numeral 1.1 can be reallocated to partially cover the costs of conducting some of these activities.

d) ANII and IHE Delft will actively look for opportunities for promoting business developments in the water field between European companies and Uruguay with a strong involvement of Uruguayan graduates under the ANII IHE Delft scholarship program. The main goal of this activity is to bring water related treatment innovations into the market through establishing start-up companies in Uruguay. Funds to support this activity will be actively sought by exploring possibilities with national/international donors and other organizations.

4 – Regional Outreach Actions: The goal of this component is to actively seek for partnership and cooperation in the south of the South American region to advance on the development of a regional water institute in Uruguay.

a) Both institutions will actively contact partners in the neighbor countries in the region to support the concept of establishing a regional water institute in Uruguay. In case that travel expenses to any of these countries are needed, each party will eventually cover their own costs. Under ANII decision, funds described on numeral 1.1 may eventually be reallocated to cover some of these expenses.

5 – Miscellaneous:

a) Each institution will designate a coordinator for the implementation and monitor of this agreement. In particular, the coordinator will be responsible for:

(i) - Preparing a yearly financial forecast report describing the potential activities to be carried out during the next following year including a detailed budget estimation of the future costs to be incurred.

(ii) - Producing an annual report on the progress status of the agreement.

(iii) - Providing prospective Uruguayan applicants with information on the MSc and PhD programs and guidance on how to apply to these programs and to the scholarships.

(iv)- Providing ANII the personal information about all the MSc and PhD applicants under this agreement (responsibility of IHE coordinator).

(v) - Informing the other party of any change on the main content on this agreement.



The designated coordinators for this agreement are:

For ANII
Laura Di Giovanni

For IHE Delft
Hector Garcia

b) The financial execution of the agreement will be yearly revised by both parties. The funding provided by ANII to support the activities described in numerals 2 and 3 on this agreement is subject to the availability of funds in the budget. The eventual unavailability of funds and therefore in case ANII is not able to provide the funding for the activities aforementioned, would not be considered a breach of the contract and ANII shall incur in no liability

c) Scholarship holders will be subject to the rules and regulations of IHE Delft and regulations of the National Scholarship System of ANII.

d) Neither IHE Delft nor ANII shall be obligated to continue financial support with respect to any student who does not maintain satisfactory progress during each year of their course.

e) If the candidate is unable to complete a PhD or Master within the standard duration, the candidate will be responsible for any continued funding, including but not limited to tuition, living costs, health insurance and visa costs.

f) The funds contributed by ANII for both the MSc and PhD components as stated in this agreement will be transferred by ANII to IHE on a yearly basis as follows: (i) MSc component: A first payment corresponding to the first MSc academic year (66.7% of the MSc scholarship funds provided by ANII) will be transferred by ANII to IHE at the start of the academic year (in October each year). The second and final payment corresponding to the second MSc year (the remaining 33.3% of the MSc scholarship funds provided by ANII) will be transferred by ANII to IHE at the start of the second MSc academic year (in October of the second MSc academic year); (ii) PhD component: The total amount of the PhD scholarship provided by ANII will be paid by ANII to IHE in four (4) installments, one installment per year (each yearly payment consists of 25% of the total ANII's PhD scholarship funds contribution). The first installment will be transferred by ANII to IHE Delft at the start of the PhD academic program.

g) In case that matching funds provided by the parties are obtained from third parties donors, projects, or funding schemes, the requirements of such donors or funding organizations will be observed and respected.

h) Any modification, restriction, broadening or extension of this agreement must be done through mutual consensus in writing of the parts and must be formalized by an Addendum which will become part of this agreement.

i) Waiver: The Foundation is an independent entity not affiliated with UNESCO. UNESCO is not responsible for the Foundation's actions and omissions.

j) Solution to Controversies: any controversy, discrepancy or demand derived from this agreement, including the ones concerning its expiration, nullity, execution, compliance or interpretation shall be settled by IHE Delft and ANII through mutual consultation acting in good faith and in accordance to their common objectives.

k) This agreement shall remain in force from the date of signature by the designated representative of each party until the end of the initial period of seven (7) years without affecting its validity for the students who are studying at IHE Delft until the end of the program. It may be reviewed or renegotiated at the request of either party and terminated by mutual agreement.



Fernando Brum
President, ANII

Date:

Handwritten signature of Fernando Brum in blue ink.

Professor Eddy Moors
Rector IHE Delft

Date:

23-4-2018

Handwritten signature of Professor Eddy Moors in blue ink.Handwritten signature in blue ink.