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Press release

**IMT Atlantique and INSTN combine their talents to develop
a complete range of higher education courses in the field of energy**

IMT Atlantique, an elite technological university recognized internationally for its research, and INSTN, the French National Institute for Nuclear Science and Technology, share a common vision of energy issues and the societal and technological challenges to be met. The main objective of the 3-year partnership between the two institutions is to promote an integrated approach to energy, covering nuclear and renewable energies. This collaboration is based on the complementarity between IMT Atlantique and INSTN, a higher education institution and training organization administered by the CEA (French Alternative Energies and Atomic Energy Commission), which contributes to the dissemination of its scientific knowledge and the technological developments it carries. The partnership is part of the relationship developed over many years between IMT Atlantique and the CEA.

Meeting energy challenges together

In addition to their missions as public institutions of higher education, the two schools share the same vision of the energy challenges facing society, as well as the desire to promote an integrated approach to energy covering the fields of nuclear and renewable energies.

Ranked among the top 400 universities in the world by THE World University Rankings 2020, IMT Atlantique aims to transform society and industry through education, research and innovation by combining digital technology, energy and the environment. IMT Atlantique's degree programs are based on cutting-edge research, particularly in the fields of energy and digital technology, nuclear technologies, and risk management.

For 60 years, the INSTN has been providing highly specific instruction at all levels of qualification, from operators to engineers and researchers. They cover the sciences and techniques implemented in the fields of energy transition, health technologies, digital transition, materials and processes, project management and risk control.

Complementary training and approach

Through this partnership, IMT Atlantique and INSTN wish to pool the expertise and resources developed within the two institutions to build and offer a complete range of training programs at all levels of higher education, first in the field of nuclear energy and then in the broader field of low-carbon energies. Different themes have already been identified: nuclear engineering, low-carbon energy systems, social sciences applied to energy, and information and communication sciences and technologies applied to energy.

The strength of this partnership lies in the complementary nature of the two institutions' offerings. Together, IMT Atlantique and INSTN cover almost the entire educational spectrum in the field of low-carbon energy

systems. IMT Atlantique focuses more on engineering degree programs, while INSTN provides its expertise in specialized and continuing education. The whole should be greater than the sum of its parts.

Expanding the international reach of the two schools

The partnership focuses primarily on instruction, establishing exchanges based on the academic programs of the two schools and the creation of possible new Masters or specialized Masters courses. It also extends to training through research, as IMT Atlantique and INSTN both want IMT Atlantique Ph.D. students to be able to work easily in CEA laboratories. The two institutions also plan to carry out joint actions promoting scientific and technical culture, and to intensify their collaboration in international relations, corporate relations, sustainable development and social responsibility.

Press contacts:

IMT Atlantique Bretagne-Pays de la Loire

Nathalie Loussot-Lecalvez
Directrice de la Communication
Tél. 02 51 85 81 90
nathalie.le-calvez@imt-atlantique.fr
www.imt-atlantique.fr

Green Lemon Communication

Laurence Le Masle
Tél. 06 13 56 23 98
l.masle@greenlemoncommunication.com
www.greenlemoncommunication.com
@greenlemoncom

INSTN

Capucine Romefort
Responsable Communication
Tél. 07 88 11 91 27
capucine.romefort@instn.fr
www-instn.cea.fr

About IMT Atlantique

IMT Atlantique is a *grande école* higher education institution for engineers (ranked within the top 400 universities worldwide in the THE World University Ranking 2020 – 59th university worldwide of institutions under 50 years old), internationally renowned for its research (present in 4 disciplines in the Shanghai, QS and THE rankings). It is part of the Institut Mines-Télécom group and depends on the Ministry for Industry and the Digital Sector.

With three campuses in Brest, Nantes and Rennes, and a business incubator on each campus, along with a site in Toulouse, IMT Atlantique aims to combine the Digital, Energy and Environment sectors for societal and industry transformation through education, research and innovation. Internationally, IMT Atlantique leads the way for French higher education and research in its field.

Since September 2018, IMT Atlantique has offered a new general engineering program. Students are recruited from the Mines-Ponts competitive exam. The school also offers three apprenticeship-engineering programs, Masters programs, specialized Masters programs and Doctoral programs.

IMT Atlantique's degree programs are founded on cutting-edge research, from its six joint research units (with CNRS, INRIA, INSERM, universities or engineering schools): GEPEA, IRISA, LATIM, LABSTICC, LS2N and SUBATECH. The school draws on its excellence in research and its flagship fields combining scientific fields in order to rise to the challenges of tomorrow: digital transformation, environmental transformation, industrial transformation, energy transformation, nuclear energy, healthcare of the future, and fundamental research. This research is reflected in two institutes from the Carnot Network: Télécom & Société Numérique and MINES.

Find out more at: <https://www.imt-atlantique.fr/en>

About INSTN

INSTN is a school of specialization in the fields of low-carbon energy and health technologies. With more than 60 years of expertise, INSTN delivers highly specific, professionally applicable instruction, with the main mission of participating in the development of individual skills in order to increase the competitiveness and performance of companies in the sectors concerned.

As an institution of higher education and a continuing education organization, INSTN is under the joint supervision of the Ministers of Industry, Energy Transition and Higher Education. It is administered by the CEA (French Alternative Energies and Atomic Energy Commission) and benefits from the close relations maintained with researchers in all the fields of research carried out there, mainly in the fields of energy transition, health technologies, digital transition, materials and processes, project management and risk control.

INSTN has been a member of the CGE (*Conférence des grandes écoles*) since 2018, and with its national missions, INSTN also deploys its expertise locally in the academic and industrial ecosystem through its teaching units located in the following regions of France: Saclay (Île-de-France), where the headquarters are located at the CEA centre in Paris-Saclay; Cadarache (Provence-Alpes-Côtes d'Azur); Cherbourg-en-Cotentin (Normandy); Grenoble (Auvergne-Rhône-Alpes); and Marcoule (Occitania). INSTN is also internationally recognized and has been designated as a "collaborating centre" of the IAEA in France since 2016. It also benefits from close relationships with academic and industrial partners, both nationally and internationally.

Find out more at: <http://www-instn.cea.fr/en/>