BIENVENÜE +

HOST INSTITUTIONS GUIDE

VERSION 2 – OCTOBER 2025

The Bienvenüe+ consortium is composed of 20 internationally recognized Host Institutions located in Brittany, France, and the SATT Ouest Valorisation (regional Technology Transfer Office).

Host Institutions are the legal entities that contribute directly to the implementation of the research, transfer of knowledge and training activities by recruiting, supervising, hosting and training Bienvenüe+ fellows. Host Institutions holds the employment contract for each fellow. A HI contact point is designated in each institution to facilitate contact by applicants and support to fellows.

Only research units located in Brittany are eligible to host Bienvenüe+ fellows.

Figure 1: overview of the 20 Bienvenüe+ Host Institutions

SATT Ouest Valorisation is an associated partner of the Bienvenüe+ consortium and is offering support for training and technological transfer. As Inria, IMT Atlantique, Ifremer, ENSTA, INRAE and the MNHN are not part of the SATT Ouest Valorisation, fellows hosted in these institutions will receive support from in-house Technological Transfer Offices.

Host Institutions **& indicative contributions to the RIS3' SIA**	**Maritime economy for blue growth**	**Food economy for everyone to eat well**	**Secure and responsible digital economy**	**Health and welfare economics for a better quality of life**	**Economics of industry for intelligent production**	**Transversal axis on transitions**
ANSES – Agence Nationale de Sécurité Sanitaire	x	x		X		X
CNRS – Centre National de Recherche Scientifique	X	X	X	X	X	X
EHESP – Ecole Publique des Hautes Etudes en Santé Publique				X		X
EN – Ecole Navale	X					X
ENS Rennes – Ecole Nationale Supérieure de Rennes			X	X	X	X
ENSCR – Ecole Nationale Supérieure de Chimie de Rennes		X		X	X	X
ENSTA – Ecole Nationale Supérieure de Techniques Avancées	X					X
Ifremer – Institut Français de Recherche pour l'Exploitation de la Mer	X					X
IMT Atlantique – Institut Mines Télécom			X		X	X
INP Bretagne – Institut National Polytechnique de Bretagne			X		X	X
INRAE – Institut National de Recherche en Agriculture, Alimentation, Environnement	X	X		X	X	X
Inria – Institut National de recherche en sciences et technologies numériques			X		X	X
INSA Rennes – Institut National des Sciences Appliquées			X	X	X	X
Institut Agro Rennes-Angers	X	X			X	X
MNHN – Muséum National d'Histoire Naturelle	X	X		X		X
Sorbonne Université – **Roscoff Marine Station**	X					X
UBO – Université de Bretagne Occidentale	X			X		X
UBS – Université de Bretagne Sud	X	X	X	X	X	X
UNIVREN - Université de Rennes	X	X	X	X	X	X
UR2 – Université Rennes 2	X	X	X	X	X	X

Agence Nationale de Sécurité Sanitaire

French Agency for Food, Environmental and Occupational Health & Safety

General Description	ANSES (1,500 staff), a public administrative institution reporting to the Ministers of Health, Agriculture, Environment, Labour and Consumer Affairs, undertakes independent and pluralistic scientific expert assessments as well as research in support of sanitary safety. **Its primary task is to ensure human health and safety with regard to the environment, the workplace and food**. To this end, it contributes to the health and welfare of animals; the protection of plant health; the evaluation of the nutritional and functional characteristics of food. It also is responsible for veterinary medicinal products. It provides scientific knowledge, which can serve as a basis for drafting national and European regulations, sets reference values to protect workers and also is in charge of programming, supporting and performing research.
Key People & Expertise	Research and reference in the Agency relies on a network of 9 laboratories located throughout France **(4 sites in Brittany, 400 staff**) that are internationally recognized in various fields or disciplines encompassing the "One Health" concept and which are in geographical proximity to their respective sectors.
Key Research Facilities, Infrastructure & Equipment	The **National Agency for Veterinary Medicinal Products** (ANMV) located in Fougères: pharmacoepidemiology; the **laboratory for the study of veterinary medicine and disinfectants** located in Fougères and that is specialized in the study of human and animal exposure to chemicals, veterinary medicines and disinfectants and in evaluating the impact of these chemicals or their residues on health; **The Plant Health Laboratory** located in Le Rheu near Rennes, with its unit dedicated to the detection and identification of plant parasitic nematodes and the characterization of their population; The **Ploufragan-Plouzané Niort laboratory is working to improve the health, welfare and safety of swine, poultry, rabbit, ruminants and fish productions.** Its research scope includes zoonotic and emerging viral and bacterial pathogens possibly transmitted by these productions. Seven research unit (170 staff) are located in Ploufragan. One research unit located in Plouzané is working to improve the diagnosis and control of fish diseases and to understand the impact on changes of the aquatic environment (global warming, pollutants) on the resistance of fish to infectious diseases. **These four Anses laboratories in Brittany house key national Omic platforms dedicated to high throughput sequencing, high content screening microscopy and mass spectrometry for metabolomics and proteomics including a data science analysis hub**.
Website	https://www.anses.fr/en
Bienvenüe+ Contact Point	Tahar AIT ALI Director of the Anses Fougères Laboratory Tahar.aitali@anses.fr, Phone : +33627381751

General Description	Operating under the French Ministry of Research, the Centre National de la Recherche Scientifique is the largest French research organisation, and the largest in Europe in terms of publications. With 32,000 staff and 1,000 laboratories spread throughout the country, **the CNRS carries out research in all scientific fields of knowledge**. Its major objectives are to improve knowledge, promote interdisciplinary, ensure economic and technological development and solve complex societal needs.
Key People & Expertise	In Brittany, CNRS researchers are **involved in 34 joint research units, covering a large scope of scientific topics in chemistry, physical, earth sciences, ecology and environment, biology, Information and communication technology and also social sciences.** These laboratories respond to different societal challenges like ecological and digital transitions and circular economy (e.g. hydrogen, green chemistry, wind power, 5G or cybersecurity).
Key Research Facilities, Infrastructure & Equipment	The regional Delegation of CNRS has a long experience in EU funding management and in supporting the fellows recruited within the MSCA framework programme. Different departments help fellows in administrative, financial and legal issues related to the projects.
Website	https://www.bretagne-pays-de-la-loire.cnrs.fr/fr
Bienvenüe+ Contact Point	Sylvie LUCAS Head of “European projects and national subsidies” team sylvie.lucas@cnrs.fr

General Description	EHESP School of Public Health is a public national school, the French reference for public health managers. It comes under both the Ministry of Social Affairs and Health and the Ministry of Higher Education and Research and has four key missions: - provide initial training for senior public sector managers and inspectors in the health and welfare services. - provide higher education through a network on public health. - contribute to public health research. - promote international relations, in particular through exchanges with similar educational institutions
Key People & Expertise	EHESP research activities are structured around 3 priority areas: 1) Organisation, management and performance of the healthcare system, 2) Environments and Health, 3) Health, populations and public policies. They are performed within 2 certified Mixed Research Units: - Research Laboratory on Politics-Public Health-Environment-Média (ARENES) - Research Institute for Environmental and Occupational Health
Key Research Facilities, Infrastructure & Equipment	EHESP has a chemical and microbiological analysis laboratory (LERES) with advanced analytical devices, highly qualified personnel, procedures to ensure the quality of the measurements results. It offers a wide range of analysis of parameters of the environmental media quality (water, air, solid media including dust). EHESP welcomes 4 research chairs and has its own publishing house.
Website	www.ehesp.fr
Bienvenüe+ Contact Point	Maïlys Tisseau-Ménez Head of the research contracts office mailys.tisseau-menez@ehesp.fr

Ecole Navale

French Naval Academy

General Description	The French Naval Academy (Ecole navale) is a public institution serving scientific, cultural and professional purposes, placed under the authority of the Ministry of Defence. It is one of the six French military schools and it provides a higher education to naval officers that leads to an engineering degree. Within the scope of its tasks, **Ecole navale develops research activities in the engineering sciences applied to the ship of the future and in the social sciences field**.
Key People & Expertise	IRENAV (French naval academy research institute) develops **maritime and naval research activities in the fields of mechanical engineering, energy conversion and maritime information systems and underwater acoustics**. It is the essential support for the scientific training of Naval Engineering student cadets in the fields of Mechanics, Energy, Underwater Acoustics, Signal Processing, Computer Science and Information Systems. The institute activities are intended to be dual, addressing both military and civilian research problems in the context of the ship of the future. Research activities are oriented towards mechanics and energy from a hydrodynamic and electrotechnical point of view, observation of the marine environment using underwater acoustic techniques (ASM) and Geographic Information Systems (GIS). The **Chair of "Cyber Defense of Naval Systems"**, created in October 2014, is at the heart of a strategic ecosystem driven by issues of cybernetic attacks in the maritime environment. The two industrial partners Naval Group and Thales (leaders of their sector) and research scientists (scientific experts in cyberdefense) reinforce the cyber expertise of the chair. The **Chair of Resilience and Leadership framework** is part of the theoretical work of the current of highly reliable organizations (HRO) and the Sense making approach, which analyses the sources of reliability from the angle of increased reliability where the role of the leader is significant.
Key Research Facilities, Infrastructure & Equipment	The four main research equipment at Ecole navale are the following: Cavitation tunnel, Processing Maritime Information platform, Energy and propulsion platform, Cyber range of the Chair of Cyber Defense of Naval Systems.
Website	https://www.ecole-navale.fr/
Bienvenüe+ Contact Point	Jean-Frédéric CHARPENTIER Professeur des universités – Responsable DRI International Jean-frederic.charpentier@ecole-navale.fr +33 (0) 2 98 23 38 69

Ecole Normale Supérieure de Rennes

General Description	The Ecole Normale supérieure de Rennes is a top-ranking graduate research institution whose mission is to prepare young students for careers in higher education, research and innovation. The highly selective admission process (recruiting 1 out of every 1000 high school graduates per year) and strong research orientation (70% of all Master graduates, pursue to PhD) makes ENR Rennes one of the top ranked and highly competitive Grandes Ecoles in France. **The school's scientific identity is reflected in high-level training through research, continuum between training and research, scientific excellence and an interest in digital, societal and environmental transitions**.
Key People & Expertise	The Ecole Normale Supérieure de Rennes hosts **5 academic departments**: **Economics Law Management, Computer Science, Mathematics, Industrial and Engineering Sciences, Sport Sciences and Physical Education.** The 30 assistant professors and professors regularly win scientific awards from the Institut Universitaire de France (1 junior member, 2 senior members), the Académie des Sciences and competitive international projects (1 ERC, 1 Human Frontier Sciences project).
Key Research Facilities, Infrastructure & Equipment	ENS Rennes hosts a few technology platforms to support scientific projects and transfer the knowledge produced by researchers, thereby generating economic and social value. It is especially the case of **certified Suni platform**, which specializes in manufacturing processes, including high-performance machining, additive manufacturing, robotics and welding. The other platforms are dedicated to motion capture, virtual reality, micro-technology and smart energy. Platforms support both research and teaching activities.
Website	www.ens-rennes.fr
Bienvenüe+ Contact Point	Jean Raynald De Dreuzy Vice President Research jean-raynald.de-dreuzy@ens-rennes.fr +33 (0)2 99 05 93 01

General Description	ENSCR, created in 1919, is a public higher education school training Engineers in Chemistry, Chemical and Environmental Engineering, as well as Master and PhD candidates. **ENSCR has a strong commitment to the creation of knowledge to face the challenges of our society, especially in the fields of the environment, health, materials science and sustainable development.** Through collaborations with companies and academia, nationally and internationally, ENSCR's primary aim is to maintain scientific excellence and pass on the results of our research.
Key People & Expertise	The **main areas of expertise at ENSCR** are: - Organic chemistry and catalysis - Inorganic chemistry and material sciences - Environmental process engineering, chemistry and analysis
Key Research Facilities, Infrastructure & Equipment	Researchers at ENSCR are all members of the "Institut des Sciences Chimiques de Rennes", **one of the largest French research laboratories in chemistry, giving access to a large panel of cutting-edge characterization equipment**. ENSCR contributes, in particular, through high field NMR for liquid and solid, High Resolution Mass spectroscopies and chromatographs, X-ray spectroscopies, supercritical CO2 purification and separation… The Chemical Engineering Centre (PIC) accommodates companies looking for facilities to develop products or processes while benefitting from the high quality scientific and technological environment at the ENSCR.
Website	https://www.ensc-rennes.fr/
Bienvenüe+ Contact Point	Dominique Wolbert, Scientific Director direction-scientifique@ensc-rennes.fr

General Description	Under the supervision of Ministry of Defense/DGA, ENSTA Bretagne trains general and specialist engineers, capable of ensuring the design and completion of complex industrial systems**. 10 cutting-edge fields of expertise are covered: hydrography/oceanography, embedded systems, observation systems and artificial intelligence, security and digital systems, mobile robotics, offshore and naval architecture, marine renewable energies, automotive, advanced mechanical modelling, pyrotechnics, business science.** ENSTA Bretagne's teams conduct research programs, which are highly oriented toward civilian and defence industry applications, led in collaboration with companies and academic partners. The school comprises 80 professors and lecturer researchers, 20 research engineers and technicians, 100 PhD students, 30 post doctorates.
Key People & Expertise	- Mechanical Engineering: material behaviour, durability and fatigue, ageing, bonding assemblies, dynamic behaviour, shock, fluid-structure interaction, hydrodynamics. - Information technologies: software safety and security, design of components and digital architectures, memory storage, underwater acoustics, electromagnetic modelling, radar and sonar imagery, signal and image processing, machine learning, automatics, optimization, robotics, localization and mapping - Humanities and social sciences: engineering training curriculum, socio-technical innovations, sustainable development issues.
Key Research Facilities, Infrastructure & Equipment	- a tri-axial fatigue platform of high capacities (2500 kN, 2*400 kN) - high capacity shock machine (20 m/s, 200 kN) - micro & nano hardness testing machine - digital image correlation systems, high-speed cameras, IR cameras, sem microscope, acpd measurement - computing cluster, SMP computer (6To), - anaechoic chamber (2-28 Ghz), radar systems (X, Ku Band) - hydrophones, multibeam sonar - marine robotics pool, autonomous underwater or sailing vehicles
Website	https://www.ensta.fr/
Bienvenüe+ Contact Point	Yann DOUTRELEAU Sientific Councillor yann.doutreleau@ensta.fr

General Description	Created in 1984, Ifremer is the French research institute dedicated solely to the knowledge of the ocean. Ifremer's scientific and technological research, innovations and expertise contribute to protecting and restoring the ocean, sustainably managing marine resources and environments, and sharing marine data and information. Ifremer plays an active role in national, European and international scientific initiatives and programmes. The Institute is a public organisation placed under the joint supervision of the Ministry of Higher Education and Research, the Ministry of Agriculture and Food, and the Ministry for the Ecological Transition, Biodiversity, Forests, Marine Affairs and Fisheries. The four scientific departments are the pillars of Ifremer's scientific production: - Physical Resources and Deep-sea Ecosystems, - Oceanography and Ecosystem Dynamics, - Biological Resources and Environment, - Research Infrastructure and Information Systems Ifremer also operates the French Oceanographic Fleet to the benefit of the French marine science community.
Key People & Expertise	Ifremer's sites in Brittany stretch from the Gulf of Morbihan to the north of Ille-et-Vilaine. They cover a wide variety of themes and disciplines. Ifremer bases its activities at locations in Brest-Plouzané, Dinard, Concarneau, Lorient and Argenton. The Brest-Plouzané site is Ifremer's largest, in terms of both size and staffing (930 employees). It is home to the Institute's head office and the department responsible for the French oceanographic fleet. Ifremer directs its activities in Brittany towards ocean observation and a sustainable maritime economy. These missions are supported with experimental and applied engineering. Our engineers design and deploy new technologies, marine instruments and digital tools for data sharing and storage. This makes Ifremer's facilities in Brittany an ideal location for research into marine geoscience, physical and spatial oceanography, sustainable marine resource management (fisheries and aquaculture), the behaviour of structures at sea and the minimisation of their impact on marine ecosystems. Ifremer's research infrastructure in Brittany includes experimental platforms dedicated to living resources, test basins, test facilities for materials and equipment for underwater use and advanced analytical tools. The Brest-Plouzané site is Ifremer's main location for data storage and computing resources. It is also the repository for all the sediment cores collected by French scientific teams.
Key Research Facilities, Infrastructure & Equipment	Ocean observation infrastructures: EMSO, a European Research Infrastructure; ILICO; CORIOLIS; EURO ARGO; Copernicus Marine Environment Monitoring Service (CMEMS); French Oceanographic Fleet Digital infrastructures: ECOSCOPE: data-hosting infrastructure for biodiversity research; Computation Centre: Intensive scientific computation at the heart of many modern oceanography projects; SeaDataNet: standardised system of data archival from oceanographic cruises or automated observation systems; Marine Science national data portal Testing infrastructure: Test tanks, metrology, assembly plants, experimentation facilities for living resources, compression chambers, etc. Ifremer has a wide range of testing facilities that contribute to research and the development of technological innovations.
Website	https://www.ifremer.fr/en
Bienvenüe+ Contact Point	François GAUDIN, PhD Scientific Policy Officer francois.gaudin@ifremer.fr

General Description	IMT Atlantique, a new technological university under the aegis of the Ministry of industry and the digital sector, was born on January 1st, 2017, from the merge between the former Telecom Bretagne and the former École des Mines de Nantes. **IMT Atlantique focuses on digital technology, energy and the environment with the objectives of contributing to economic development and ecological and societal transition through education, research and innovation**. IMT Atlantique is internationally recognised as a Technological University. IMT Atlantique registers nearly 22M€ of research partnerships within the framework of 17 industrial chairs in 2020, the second largest amount among all the French engineering schools.
Key People & Expertise	IMT Atlantique has a strong research activity with more than 260 permanent research (associate) professors and **between 270 and 300 PhD students in its laboratories, more than 30% of which are theses with an industrial co-funding**. With more than 3,200 publications over 5 years (referenced in SCOPUS), and 80 theses in average presented each year, IMT Atlantique is ranked among the 10 top engineering schools in France.
Key Research Facilities, Infrastructure & Equipment	Fellows will have full access to facilities, infrastructure and equipment provided by IMT Atlantique necessary to achieve their project in the best conditions. The nature of infrastructure will depend on the topic/ domains concerned. Fellows will benefit from infrastructure coming from our Brittany based research units LEGO, IRISA, LabSTICC, LATIM. They will also be able to benefit from visits and collaborations from our Pays de la Loire based assets.
Website	https://www.imt-atlantique.fr
Bienvenüe+ Contact Point	Guillaume Moreau Dean for Research and Innovation Guillaume.moreau@imt-atlantique.fr

General Description	INP Bretagne is a research oriented technological institute that delivers MSc and M.Eng in Electronics, Computer Science and Mechatronics. **INP Bretagne awards PhD degrees in Engineering Science as well as in ICTS.**
Key People & Expertise	With 120 FTE, among which 40 in R&D, plus 40 PhD students and research engineers, ENIB is heavily involved in research projects and networks. The R&D activities are mainly done in two CNRS research units. ENIB is directed involved in various national initiatives of excellence in R&I.
Key Research Facilities, Infrastructure & Equipment	* **CERV platform**: a scientific research center whose goal is to develop concepts, methods and computational tools to simulate realistically the interactions between virtual objects and human operators. * Testing machine: for the study of durability and fatigue. * Photonics system platform: High speed coherent optical communication; Microwave-photonic systems; Power-over-fiber; Static and dynamic devices characterization
Website	https://www.enib.fr/
Bienvenüe+ Contact Point	Elodie Keriel & Pauline Quéré recherche@enib.fr

Institut National de Recherche en Agriculture, Alimentation et Environnement

General Description	The French National Research Institute for Agriculture, Food, and Environment (INRAE) is a major player globally in research and innovation. Gathering a community of 12,000 people with 272 units including fundamental and experimental research, spread out throughout 18 regional centres in France. Internationally, **INRAE is among the top research organisations in agricultural and food sciences, plant and animal sciences, as well as in ecology and environmental science.** It is the world's leading research organisation specialising in agriculture, food and the environment. Faced with a growing world population, climate change, the depletion of resources and declining biodiversity, the Institute has a major role to play in providing the knowledge base supporting the necessary acceleration of agricultural, food and environmental transitions, to address the major global challenges.
Key People & Expertise	With more than 1,100 employees, including 690 permanent staff, the INRAE Brittany-Normandy research centre produces knowledge and creates innovations to improve food systems sustainability in territories with high production densities, while taking into account society's concerns. **The centre research is organized around four main themes: Agroecology and agroecosystems sustainable management; Plant and animal predictive biology; Ecodesign of food quality and human nutrition; Economics and public policies.**
Key Research Facilities, Infrastructure & Equipment	Apart from well-equipped molecular, biochemistry and cell biology labs and bioinformatics platforms, the INRAE research units in Brittany host a number of specific research facilities and infrastructures, including; Food, nutrition and health: Experimental facility for milk and dairy products (800 m2); Analytical platforms for biochemical and physical characterization of food components and ingredients, digestion simulators, biological resource center for food bacteria; Imaging platforms; Aeraulic platform; Large animal surgery facility Agroecology: Indoor experimental fish facility; Experimental facilities for dairy ruminants, pig physiology and phenotyping; Field crop experimental units; Large datasets covering agricultural production, commodity and food trade; IT platform dedicated to multicriteria evaluation of plant and animal production systems and the processing of agricultural products; Long-term observatory of the interactions between ecosystem services, agriculture, and landscapes Environment: Experimental facilities for aquatic ecology and ecotoxicology; Long term research observatory of biodiversity, water, air and soil quality in agricultural context; Long-term observation and experimentation system for environmental research on organic waste products; Experimental platform for quantifying and understanding gas and particle emissions and heat production from animals and animal waste; Aerobic and anaerobic reactors (1 to 300L), methanisation and digestate treatment site (15 m3).
Website	https://www.inrae.fr/centres/bretagne-normandie
Bienvenüe+ Contact Point	Camille LE MAO Partnership Department Manager Partenariat-bretagne-normandie@inrae.fr

General Description	Inria is France's national institute for research in digital science and technology, and since January 2024 has been responsible for the Agence de programmes dans le numérique (Digital Programs Agency), which aims to strengthen the collective dynamics of higher education and research. Its DNA is based on world-class research, technological innovation and entrepreneurial risk. Within 220 project teams, most of which are shared with major research universities, more than 3,800 scientists are exploring new avenues, often in interdisciplinary collaboration with industrial partners, to meet ambitious challenges. As a technology institute, Inria supports a wide range of innovation paths: from open source software publishing to the creation of technology startups (Deeptech). Inria has been awarded the Institut Carnot label, confirming its commitment to forging closer links between research and industry.
Key People & Expertise	The Inria Centre at Rennes University 31 research teams with scientific excellence in domains of Algorithms and Programming, Data Science and Knowledge Engineering, Modeling and Simulation, Optimization and Control, Architecture, Systems and Networks, Security and Privacy, Interaction and Multimedia, Artificial Intelligence and Autonomous Systems, with excellent researchers having thorough experience in supervising post-docs. The center hosted 9 ERC laureates until today.
Key Research Facilities, Infrastructure & Equipment	Immermove is a unique **experimental platform for studying large-scale human movements**; Immersia is a **VR platform** owned by IRISA and Inria; Grid'5000 is a **large-scale and versatile testbed for experiment-driven research in all areas of computer science**, with a focus on parallel and distributed computing. It is designed to support Open Science and reproducible research. LHS: A high security laboratory in Rennes, funded jointly by Inria, Supelec, the French defence procurement agency (DGA) and the Brittany Region. InriaTech is a dedicated platform to accelerate technology transfer to businesses through research or transfer contracts. InriaSoft aims for the durable development of large-scale software programs.
Website	https://www.inria.fr/en/inria-centre-rennes-university
Bienvenüe+ Contact Point	Patrice Gelin Office of Partnerships & Technology Transfer Patrice.gelin@inria.fr

General Description	Created in 1966, INSA Rennes is a member of the INSA Group, the leading French network of state graduate and post graduate engineering schools, composed of 7 schools in France and 6 partner schools. Research and innovation are the key elements of INSA, which benefits from the expertise of 168 professors and lecturers. **With seven laboratories of international renown, five technological platforms and numerous industrial partners, INSA Rennes stands out for two poles of excellence: Information, Communication Science & Technologies / Materials, Structures & Mechanics**. With around 2,000 students, INSA Rennes is a prestigious Grande Ecole, a graduate and post graduate school. Since 2019, INSA Rennes, along with the INSA Group, has been a member of the European Alliance ECIU University, an initiative supported by the European Commission. ECIU brings together 12 European higher education institutions. (https://www.eciu.eu/)
Key People & Expertise	INSA Rennes gathers 131 researchers working in 7 different laboratories and around 150 PhD students. 71 researchers working at INSA Rennes are accredited to supervise young researchers. The excellence in research is led is **7 international laboratories**: 5 Research Units (UMR) > Optical Functions for Information Technologies (FOTON Institute), Institute of Electronics and Digital Technologies (IETR), Research Institute of Computer Science and Random Systems (IRISA), Mathematics Research Institute in Rennes (IRMAR), Rennes Institute of Chemical Sciences (ISCR) within two teams Chemistry Metallurgy and Solid State Chemistry and Materials; and 2 Research Centres: Laboratory of Civil and Mechanical Engineering (LGCGM) and Critical Thinking Lab (LFPC). Through its three major research expertise, INSA Rennes plays an active role in environmental and societal issues: (1) Sustainable development: Materials and systems for sustainable energy and industrial production, (2) Healthcare, well-being and quality of life, (3) Secure and responsible digital communications. Major scientists can be highlighted eg: Jacky Even selected by Clarivates Analytics as one of the "Highly Cited Researchers 2020, 2021, 2022, 2023, 2024" », 5 members of the France University Institute (IUF), an ERC Consolidator Grant 2022 (Maud Marchal).
Key Research Facilities, Infrastructure & Equipment	*Research teams can benefit from **five main research platforms**: -QOSC (Complex Systems Oriented Quantification) Platform -DIVA (Design Implementation & Validation of image, vision and signal embedded Application) -Immersia (virtual reality research platform) -NANORENNES - platform dedicated to micro-nano-manufacturing. -Civil and Mechanical Engineering technology platform (PFT GCM) *National funded equipment: eg NAUTILUS project which is dedicated to decarbonised hydrogen. *State-Region Plan Contracts funding: Photonics (PhotBreizh), Materials for Transitions and Sustainable Development (Mat&Trans and If-Sys-Mer), CYMOCOD (Cyber-systems and Cyber-security, Mobility, Connectivity, Data)
Website	https://www.insa-rennes.fr/index.html
Bienvenüe+ Contact Point	Patricia SOUFFLET – Financial Office Aurore GOUIN – Research Office contrats-europeens@insa-rennes.fr

General Description	L'Institut Agro is the French national institute for higher education and research in agriculture, food, horticulture and landscape sciences. Created by the merger of leading agronomy schools, it brings together mainly 4 campuses (in Rennes, Angers, Dijon, Montpellier) and hosts more than 6,000 students and 400 academic and research staff. L'Institut Agro is an active member of the ELLS (Euroleague for Life Sciences) network and is strongly committed to sustainable development and research excellence, holding both the DD&RS sustainability label. With its multidisciplinary expertise and strong international collaborations, l'Institut Agro offers postdoctoral researchers a stimulating environment for advancing knowledge and addressing the challenges of sustainable agriculture, food systems and environmental management. **International rankings 2024:** Shanghai Rankings (21st in Agricultural sciences, 13th in Ecology, 24th in Food Science); QS World University Rankings (20th in Agriculture).
Key People & Expertise	The Rennes campus of l'Institut Agro gathers a strong community of researchers, professors and engineers recognized for their expertise in agricultural, food, animal and environmental sciences. Their work is developed within joint research units (UMRs) in collaboration with INRAE, CNRS and other partners. Key areas of expertise include: • **Food science and technology**: dairy science, protein and lipid chemistry, fermentation, sensory analysis, food quality and innovation. • **Animal science and nutrition**: physiology, genetics and breeding of monogastrics and ruminants, animal welfare, sustainable livestock systems. • **Plant production and protection**: crop genetics, breeding, integrated pest management, sustainable and agroecological practices. • **Soil, water and environmental sciences**: soil fertility, nutrient cycles, water management, environmental impacts of farming systems. • **Agroecosystem modeling and data sciences**: bioinformatics, modeling of complex agricultural and ecological systems, digital agriculture. • **Sustainability and agroecological transition**: assessment of environmental impacts, circular bioeconomy, ecosystem services.
Key Research Facilities, Infrastructure & Equipment	The Rennes campus of l'Institut Agro provides researchers with state-of-the-art facilities supporting agricultural, food, animal and environmental sciences: • **Technology Hall**: pilot-scale facility for food processing, formulation and preservation, including fermentation, dairy and cereal technologies. • **Sensory Analysis Laboratory**: equipped for organoleptic evaluation of food products. • **Milk Technology Platform** (Plateforme Lait, UMR STLO): 1,000 m² experimental unit for dairy research and innovation, with integrated data management systems. • **PEARL Aquatic Experimental Platform** (Rennes–Le Rheu): mesocosms, tanks, artificial channels and greenhouses for research on freshwater ecosystems. • **Specialized laboratories**: microbiology, biotechnology, genomics, proteomics, metabolomics, soil and water chemistry, bioinformatics. • **Research library and digital resources**: extensive collections and specialized databases in agronomy, food and life sciences.
Website	https://www.institut-agro.fr/en More information on Rennes Campus: https://international.institut-agro-rennes-angers.fr/topics-and-networks
Bienvenüe+ Contact Point	Ms. Nathalie Nayl Human resources manager for contract staff Human Resources Departement nathalie.nayl@agrocampus-ouest.fr ; **T.** +33 (0)2.23 48 58 94

Muséum National d'Histoire Naturelle

General Description	The MNHN is one of the world's major natural history institutions with missions such as: fundamental and applied research, preservation and enrichment of collections (over 6M specimens), teaching, knowledge dissemination, expertise to the French and European government for environmental policy. Currently, the scientific staff is formed by nearly 600 researchers, including principal investigators, postdoctoral researchers and PhD and MSc students, with support by numerous engineers, technicians, and administrative staff. MNHN is internationally recognized as a center of excellence due to its publications and international prizes awarded to its scientists. Research and expertise activities are organized around 3 research departments: Living Organism Adaptation, Humans and the Environment, and Origins and Evolution, with the support of several technical platforms and **2 marine stations located in Brittany (Concarneau and Dinard marine stations).** Concarneau marine station is the world's oldest marine station still in activity (founded in 1859) and open to the general public through its Marinarium. Both Dinard and Concarneau stations are hosting scientists and support staff **whose research interests are mainly focusing on marine ecosystems & biodiversity, phylogeny, aquaculture, conservation science, biomaterials and marine biotechnology.** The also have developed close links with professionals from the maritime world and the blue economy *via* numerous fundamental and applied projects in various oceanic environments including polar and subpolar regions. Researchers from both stations also participate to long term observatories (Somlit, Bentobs, Rebent...) data acquisition and valorization. They also carry out numerous long-term citizen science projects.
Key People & Expertise	Research at the MNHN marine stations is at the cutting edge of advances in (1) marine biodiversity exploration, (2) phylogeny and phylogenetics and (3) biogeochemistry, metabolomics and biomineralization to better apprehend the evolution of life, and functioning, response and adaptation of marine ecosystems in a context of climate change.
Key Research Facilities, Infrastructure & Equipment	Equipment for the maintenance and development or cultivation of marine and temperate fauna and flora (small- and large-scale culturing facilities, outdoor $100m^{-2}$/$500m^{-3}$ mesocosms) and mass spectrometric, imaging, microscopy and genomic platforms available at both stations. Researchers form the marine stations also have a direct access to MNHN analytical platforms in Paris.
Website	https://www.mnhn.fr/fr More information on Concarneau marine Station: https://www.stationmarinedeconcarneau.fr/en More information on Concarneau marine Station: https://www.mnhn.fr/en/station-marine-de-dinard
Bienvenüe+ Contact Point	Project engineering: Vanessa Demanoff, Head of grant office, ingenierie-projet@mnhn.fr Research questions: Guillaume Massé, Chief of Concarneau marine Station, guillaume.masse@mnhn.fr

General Description	Sorbonne Université, with campuses in Paris, covers all major disciplinary fields and offers new transversal academic and research programs. Sorbonne Université (SU) is one of the leading French universities with more than 55,600 students (incl. 10,200 international students), 4,400 DRs and 6,500 researchers (8,500 publications/year, i.e., approx. 10% of all publications in France). SU also receives the largest number of EU grants among French universities, with more than 190-awarded H2020 projects, including 65 MSCAs and 30 ERCs. The European Affairs office of SU will manage all the financial, administrative and legal aspects of Bienvenüe+. SU is a member of the League of European Research Universities (LERU) and of the 4EU+ Alliance. Founded in 1872, **the Station Biologique de Roscoff (SBR) is a centre for research and higher education in marine biology and ecology**, jointly run by the National Centre for Scientific Research (CNRS) and Sorbonne University. With 250 scientists divided in 4 research units, SBR has set its focus on basic biology with the study of original evolutionary lineages and marine biodiversity and ecosystems.
Key People & Expertise	Research in SBR draws on the latest methods in molecular and cell biology, in particular genomics and its derivatives, and interfaces them with environmental sciences, chemistry and mathematics. The goals of this research are a better comprehension of the evolution of life, as well as ecosystem functioning and the adaptation of marine organisms in response to global change.
Key Research Facilities, Infrastructure & Equipment	Marine facilities and technological core facilities (bioinformatics, genomics, mass spectrometry, imaging, and crystallography). Specific Research facilities: - Coastal Environment Observatory (SOMLIT regularly records a series of physico-chemical parameters. - Biodiversity observatory: affiliated with Ecoscope, a national network of biodiversity observatories - Universe Science Observatory STAMAR.
Website	https://www.sb-roscoff.fr/en
Bienvenüe+ Contact Point	Enric Thomas Europe and Partnerships Officer enric.thomas@sorbonne-universite.fr

General Description	Established in 1971, Université de Bretagne Occidentale is a multi-disciplinary university, including a health faculty, with campuses in Brest, Quimper and Morlaix (western France). UBO offers more than 250 degree programmes in the fields of science, humanities, technology, medicine and law, to 23,000 students, among which 9% are international (representing 100 nationalities). Around 150 PhD theses are defended each year. Research at UBO is organized in four research axes: Sea, Social sciences and Humanities, Digital Sciences and Mathematics, Health and agro-material. UBO promotes interdisciplinary exchanges and the emergence of innovative research projects.
Key People & Expertise	**The university is a member of the SEA-EU European Alliance, giving access to researchers to an extended network of potential collaborations and infrastructures.** UBO is also a leader in international research, conducting projects in cooperation with major national institutions in fields such as marine sciences and technologies, health, information technology, and human and social sciences. In conjunction with the Teaching Hospital, the Medical School faculty has been associated with a number of important medical and public-health innovations in genetics, immunology, molecular and cellular communication, biotechnology, ICT in health and clinical research. UBO is ranked in 8 disciplines in the Shanghai thematic ranking and stands out particularly in oceanography with 12th place worldwide in 2024; and UBO is positioned in the top half of the ranking in 8 categories in the Times Higher Education.
Key Research Facilities, Infrastructure & Equipment	UBO includes 36 research units (half of which are affiliated to a Scientific and Technical Research Institution and/or institutions with Public industrial and commercial institutions status, and some are associated with a university hospital), 16 innovative technology platforms and a 70 million euros research budget. Technical facilities: chemistry and biotechnology services, genomic facilities, animal resources, high performance computing and body imaging, a FabLab. UBO operates a 12-meter research vessel available for Marine Sciences research, education and observation missions, and dedicated facilities for oceanographic spectrometry and data computing for marine science.
Website	https://www.univ-brest.fr
Bienvenüe+ Contact Point	FILY Elena International Projects Administrator Elena.fily@univ-brest.fr | +33 298 01 63 38

Université de Bretagne-Sud

General Description	Université de Bretagne Sud (UBS) is a multidisciplinary university located in 3 campuses over South Brittany (France). It offers **academic programmes in arts, social sciences, engineering, computer science, biochemistry, mathematics, law, economics and business**. UBS places special emphasis on: student life and welfare, innovation (e.g. new master's programme in cyberdfence; co-op op programmes at all levels; new technological platform on high-performance materials); top-edge research; industry partnerships and technology transfer; and international student mobility.)
Key People & Expertise	Research at UBS is developed in its 14 laboratories, within its 260 researchers and 200 PhD students, and has an budget of nearly 7M€/year. UBS carries out numerous high-level scientific research programmes and collaborates on more than 250 projects in 55 countries. UBS has been involved in European projects since FP6, besides coordinating a COST action and collaborating in several collaborative research and training projects. **A team of project managers and engineers contribute to the development of the following 4 research and innovation eco-systems: "Sea & Coast", "Industry of the Future", "Environment, Health and Disability", "Cyber & Data Intelligence".**
Key Research Facilities, Infrastructure & Equipment	- PRODIABIO (Procédés, Diagnostic Environnemental, Bioressources) aims to encourage and support companies in their R&D and innovation projects in the bioprocess and biomass valorisation sectors. - the "Plateau Technique ComposiTIC" is a technological competence centre that brings together industrialists and academics around the implementation of innovative materials - from biodegradable oyster-shell-based filaments for 3D printers to fibre placement for aeronautics. - the "Cyber Security Center" like the operational centres dedicated to real- time security for companies and public organisations, goes further and for the first time combines university research, training for companies in cybernetic risks and student training
Website	https://www.univ-ubs.fr/fr
Bienvenüe+ Contact Point	drv.projet-convention@listes.univ-ubs.fr

General Description	Université de Rennes (UNIVREN) is a multidisciplinary institution with a public service mission of higher education and research. It is internationally acknowledged as one of the top scientific universities in France, developing intensive research in the service of society, encouraging open science and stimulating innovation and transfer. UREN hosts 37 200 students and 4 500 staff members. Research performed at UNIVREN is conducted by 1500 scientists (including research faculties and fellows from NROs) and 1300 PhD students gathered in 30 research units/laboratories.
Key People & Expertise	UNIVREN has 875 researchers accredited to supervise researchers. **The University of Rennes is building on its areas of excellence around three major transitions: environmental, health and digital, based on a selected set of distinctive multidisciplinary themes**: Public policies, Natural resources and sustainable ecosystems, Strategic materials, Secure and citizen-oriented digital society, Sustainable and intelligent territories and networks, Digital and technologies for health, Health: from molecule to population.
Key Research Facilities, Infrastructure & Equipment	Researchers hosted by UNIVREN benefit of 53 research platforms, connected to and part of 20 national research infrastructures and 2 European research infrastructures (ERIC), and organized within **five Research Poles: Biology-Health, Environment, Materials, Mathematics-Digital, Human, Organisational and Social Sciences** (SHOS). Facilitated access to the research infrastructures of the 8 members of the European University EDUC, of which the University of Rennes is a member, is also offered.
Website	https://www.univ-rennes.fr/en
Bienvenüe+ Contact Point	Eléna MALHAIRE Dri-pole-recherche@univ-rennes.fr

General Description	Université Rennes 2 (UR2) is the leading university in western France devoted to the Arts, Literature, Languages, Human and Social Sciences, Sports Sciences (ALL-SHS-S). It includes 21 research units in Rennes, 22,000 students, among which 500 PhD students. It participates in many collaborative structures, such as the Human Sciences Institute in Brittany (MSHB), the Rennes University Press (PUR), and several major Scientific Interest Groups (GIS). UR2 is involved with the research policies of the local authorities, namely Rennes Métropole, the Ille-et-Vilaine departmental council, and Région Bretagne. UR2 takes part in several higher education mobility programs, such as Erasmus +, and in many European research projects. It is also involved in international cooperation networks such as the European University Association and the Agence Universitaire de la Francophonie.
Key People & Expertise	Based on 21 research units and conducted by 603 researchers and lecturer-researchers (5 joint Research units with the CNRS, and 2 partnership research units with INRIA), **the main research areas of UR2 are Physical and social geography, Sport sciences, Digital humanities, History, Art, Archaeology and Literature, Psychology, Area linguistics studies, Education sciences, Socio-economics and sustainable development**. UR2 cultivates a set of values inherited from humanism: the fundamental role of knowledge in culture; critical thinking; the need for debate within the public space; the attention paid to individuals, to the collective memory and to questions of identity, to education and to physical activity. UR2 is committed to combining this tradition with contemporary issues by promoting a culture of digital humanities.
Key Research Facilities, Infrastructure & Equipment	Researchers hosted by UR2 benefit from 4 research platforms dedicated to SSH (POPPBREIZH, IMMERMOVE, D2T, TACIT) and of all Infrastructures of Human Sciences Institute in Brittany. Work environment includes a dedicated space and all other facilities (sport facilities, social support, libraTry, cafeteria, cultural events, etc.). UR2 facilities include server rooms, software and provide access to a range of utilities to facilitate the processing, access, storage and interoperability of digital data.
Website	https://www.univ-rennes2.fr/
Bienvenüe+ Contact Point	Manon Olivard Manager projet, Pôle Europe, DRV drv-pole-europe@univ-rennes2.fr