



Welcoming highly-talented international post-docs in Brittany

BRETON REGIONAL INNOVATION SMART SPECIALISATION STRATEGY

CALL 2021

CALL OPENS: 4th January 2021
CALL CLOSES: 15th March 2021

<i>Version 1.0</i>	<i>Released on 18/01/2021</i>
<i>Version 2</i>	<i>Released on 02/02/2021</i> <i>Official translation of RIS3 Strategic Objectives added</i>
<i>Version 3</i>	<i>Released on 18/02/2021</i> <i>Addition of the full strategy</i>

Every BIENVENÜE project must be linked to Brittany's Regional Innovation Smart Specialisation Strategy (RIS3 or S3). The development of the RIS3 allows Brittany to structure the regional R&I ecosystem and to facilitate the emergence of a knowledge-driven economy. A new RIS3 is implemented since January 2021.

The RIS3 identifies 21 strategic objectives for the period 2021 –2027, which are linked to strategic innovation areas and a transversal axis. The strategic innovation areas (SIA) gather recognized leading expertise and emerging innovation sectors in Brittany. Moreover, a transversal axis around transitions covers digital and industrial, energy and ecological and citizen and social transitions, which are stemming from a more global Breton policy, the [Breizh COP](#).

It is possible for your project to fit into the RIS3 in several ways, such as:

- Into one SIA (and one subdomain)
- Into several SIA (and subdomains)
- Into one SIA (and one subdomain) and the transversal axis
- Into the transversal axis

In any case, your project should contribute to **at least one strategic objective of the RIS3, in a direct or indirect way** and if the project can be linked to one strategic innovation areas, one of the 29 subdomains.

We encourage applicants to read the whole strategy, which contains detailed information on the weight of each SIA in the Breton economy, on the R&I ecosystem, and on what is understood behind each SIA, subdomain and Strategic Objective.

The full English translation is to be found at [https://msca-bienvenue.bretagne.bzh/app/uploads/2021/02/S3 Smart Specialisation Strategy RB 2021-2027.pdf](https://msca-bienvenue.bretagne.bzh/app/uploads/2021/02/S3_Smart_Specialisation_Strategy_RB_2021-2027.pdf)

Important

As the strategy was adopted in December 2020, the official English translation was not available at the beginning of the BIENVENÜE call, hence some differences in the official documents and BIENVENÜE documents. On the [application platform](#), the “BIENVENÜE” already-used translation is used.

Using one or the other translation will not have any incidence in your application.

Summary of the RIS3 2021- 2027

The 5 Strategic Innovation Areas are :

- Maritime economy for blue growth (*officially* Maritime economy for blue growth)
- Food economy for everyone to eat well (*officially* The food economy of eating well for all)
- Secure and responsible digital economy (*officially* The secure, responsible digital economy)
- Health and welfare economy for a better quality of life (*officially* The health and well-being economy for a better quality of life)
- Economics of industry for intelligent production (*officially* The industry economy for smart production)

There is also a transversal axis around transitions with three main axis:

- Digital and industrial transitions (*officially* digital and industrial transition)
- Energy and ecological transitions (*officially* energy and ecological transition)
- Citizen and social transitions (*officially* social and civic transition)

Strategic Innovation Areas (SIA) and subdomains

If applicable, please indicate the relevant SIA and subdomain your proposal is relevant to:

- On the application platform (<https://region.bretagne.bzh/recherche>) in the dedicated fields of your application
- In your application, see application template Part B, table "Project Insertion in Brittany's RIS3", field a.

<i>The official translation is indicated in brackets if different from the BIENVENUE already-used one.</i>	
D1	Maritime economy for blue growth
1-1	Marine renewable energies
1-2	Ships of the future (<i>vessels of the future</i>)
1-3	Ports, logistics and shipping (<i>ports, logistics and maritime transport</i>)
1-4	Maritime safety
1-5	Environment, health of the oceans and coastal management (<i>environment, ocean health and coastal management</i>)
1-6	Marine bioresources and biotechnologies (<i>bioresources and marine biotechnologies</i>)
D2	Food economy for everyone to eat well (<i>The food economy of eating well for all</i>)
2-1	New agricultural production systems
2-2	Precision agriculture
2-3	From upstream to downstream
2-4	Consumption in the future (<i>tomorrow's consumption</i>)
2-5	Agro-food factory of the future (<i>the food factory of the future</i>)
D3	Secure and responsible digital economy (<i>the secure, responsible digital economy</i>)
3-1	Cybersecurity
3-2	Electronics
3-3	Photonics
3-4	Images and content / Networks and IoT
3-5	Space (<i>aerospace industry</i>)
3-6	Simple and responsible digital technologies (<i>sober and responsible digital technologies</i>)
3-7	Data and intelligence
D4	Health and welfare economy for a better quality of life (<i>the health and well-being economy for a better quality of life</i>)
4-1	Health technologies (<i>health technologies for patient monitoring or technologies for health</i>)
4-2	Disabilities (disability)
4-3	Aging well (<i>ageing well</i>)
4-4	Innovative (bio)-therapies
4-5	Prevention – nutrition – environment - work
4-6	Cosmetics

D5	Economics of industry for intelligent production (the industry economy for smart production)
5-1	Materials
5-2	Industrial production and production technologies (<i>technologies for industrial production</i>)
5-3	Mobility industry (<i>the mobilities industry</i>)
5-4	Energies
5-5	Humans in industry and uses

Transversal Axis

The transversal axis is a global approach of transitions needed to organize and support innovation and research towards a more sustainable, local and inclusive society. The RIS3 focuses on three types of transitions:

- Digital and industrial transitions,
- Energy and ecological transitions,
- Citizen and social transitions.

If applicable, please indicate that your proposal is relevant to the transversal axis:

- On the application platform (<https://region.bretagne.bzh/recherche>), tick the box of the type of transition your project fits into.
- In your application, see application template Part B, table "Project Insertion in Brittany's RIS3", field b.

Strategic Objectives

In your application, indicate at least one strategic objective your proposal is directly or indirectly relevant to in Part B of the template, table "Project Insertion in Brittany's RIS3", field c.

	Maritime economy for blue growth
SO1	Strengthening regional excellence in energy transition for and through the world of the sea
SO2	Increasing innovation capacity in maritime safety of the seas and oceans and coastal management
SO3	Developing marine biotechnologies and bioresources
	Food economy for everyone to eat well (<i>The food economy of eating well for all</i>)
SO4	Developing sustainable, responsible and efficient agriculture and aquaculture by supporting environmental, energy, digital, economic and social transitions
SO5	Making Brittany's agri-food sector a European leader in process control

SO6	Responding to new societal and consumer expectatons in order to conquer new markets
	Secure and responsible digital economy (<i>the secure, responsible digital economy</i>)
SO7	Boosting innovation in digital technologies and applications (electronics, photonics, space, Images and content, networks and connected objects, mobility)
SO8	Building collective intelligence around data
SO9	Building leadership in the European cybersecurity and digital security industry
	Health and welfare economics for a better quality of life (the health and well-being economy for a better quality of life)
SO10	Becoming a leader in health technologies, including innovative medical devices and e-health solutions
SO11	Increasing innovation in (bio)therapies, including the development of new molecules and biomaterials, and the identification of biomarkers in precision medicine
SO12	Strengthening regional excellence in « good living » in a context of global transitions including prevention (environment, nutrition, sport, work, behaviour) and cosmetics
	Economics of industry for intelligent production (the industry economy for smart production)
SO13	Developing advanced production technologies to increase competitiveness
SO14	Developing a transition industry
	Transversal axis
	<i>Digital and industrial transitions</i>
SO15	Organising and supporting the digitalisation of socio-economic players, in particular the dissemination and adaptation of digital technologies in companies.
SO16	Incorporating dimensions of ethics, respect for individual liberties and ecological responsibility into digitalisation projects
SO17	Accompanying the changes in Breton industry, in particular for organisational, digital and energy aspects
	<i>Energy and ecological transitions</i>
SO18	Accompanying the transformation of economic sectors towards adaptation to climate change, for a more resilient territory
SO19	Bringing out innovations with a positive impact and/or "low tech" and deploying the circular economy
	<i>Citizen and social transitions</i>
SO20	Promoting the emergence and development of social innovations in the Breton economy
SO21	Strengthening and renewing the dialogue between science and society

For any question, refer to the FAQ on msca-bienvenue.bretagne.bzh or contact msca-bienvenue@bretagne.bzh.