



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

Version 1.0

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Every BIENVENÜE project must be linked to Brittany's Regional Innovation Smart Specialisation Strategy (RIS3). 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:

- 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

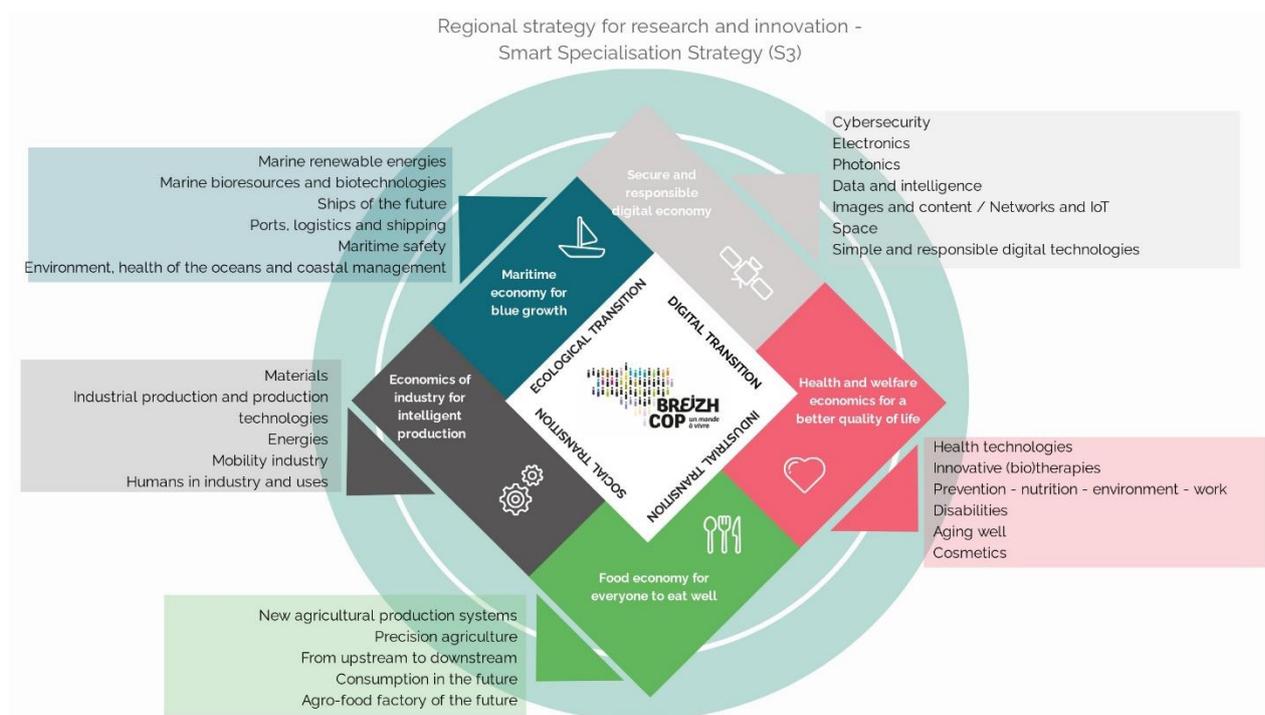
In any case, your project should contribute to **at least one strategic objective of the RIS3, in a direct or indirect way** and if the project can be linked to one strategic innovation areas, one of the 29 subdomains.

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.

Note: A full translation is not yet available. It will be available by the beginning of February 2021. For now, please refer to the French version:

https://www.bretagne.bzh/app/uploads/20_DIRECO_SIS_01_S3-b.pdf

Summary of the RIS3 2021- 2027



The transversal axis is represented by the green circle and its transition aspects indicated in the white square at the centre.

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 teemplate Part B, table “Project Insertion in Brittany’s RIS3”, field a.

D1	Maritime for blue growth
1-1	Marine renewable energies
1-2	Ships of the future
1-3	Ports, logistics and shipping
1-4	Maritime safety
1-5	Environment, health of the oceans and coastal management
1-6	Marine bioresources and biotechnologies
D2	Food economy for everyone to eat well
2-1	New agricultural production systems
2-2	Precisions agriculture
2-3	From upstream to downstream
2-4	Consumption in the future
2-5	Agro-food factory of the future
D3	Secure and responsible digital economy
3-1	Cybersecurity
3-2	Electronics
3-3	Photonics
3-4	Images and content / Networks and IoT
3-5	Space
3-6	Simple and responsible digital technologies
3-7	Data and intelligence
D4	Health and welfare economy for a better quality of life
4-1	Health technologies
4-2	Disabilities
4-3	Aging well
4-4	Innovative (bio-therapies)
4-5	Prevention – nutrition – environment - work
4-6	Cosmetics
D5	Economics of industry for intelligent production
5-1	Materials
5-2	Industrial production and production technologies
5-3	Mobility industry
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 teamplate Part B, table "Project Insertion in Brittany's RIS3", field b.

Strategic Objectives

Note: this list of strategic objectives is a working version of the English translation. The official translated version is to come by the end of January 2021.

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	Reinforce regional excellence on energy transition for and through the sea ecosystem
SO2	Increase innovation capacities on maritime security and coastline management
SO3	Develop biotechnologies and marine bioresources
	Food economy for everyone to eat well
SO4	Develop a sustainable, responsible and competitive agriculture and aquaculture, with support for environmental, energy, digital, economical and social transition
SO5	Develop the Breton agri-food industry as a leader in process control
SO6	Answer new social and consumption needs to expand into new markets
	Secure and responsible digital economy
SO7	Boost innovation in digital technologies and applications (electronics, photonics, space, Images and content, networks and IoT, mobility)
SO8	Develop a collective intelligence around data
SO9	Develop a leadership in the European cybersecurity and digital security sector
	Health and welfare economics for a better quality of life
SO10	Develop a leadership in health technologies, including innovative medical devices and e-health technologies
SO11	Increase innovation in (bio)therapies, including development of new molecules and biomaterials, and identification of biomarkers in the precision medicine

SO12	Reinforce regional excellence in « well-being » in a context of global transitions including prevention (environment, nutrition, sport, work, behaviour) and cosmetics
	Economics of industry for intelligent production
SO13	Develop advanced production technologies in order to increase competitiveness
SO14	Develop a transition industry
	Transversal axis
	<i>Digital and industrial transitions</i>
SO15	Organize and support digitalization of socio-economic actors, and diffusion and adaptation of digital technologies in companies
SO16	Integrate ethical, individual liberties and sustainability dimensions in digitalisation projects
SO17	Support mutations of the Breton industry, in particular on management, digital and energy aspects
	<i>Energy and ecological transitions</i>
SO18	Support transformation of the economic sector towards climate change, for a more resilient territory
SO19	Develop innovation with positive impact and/or « low tech », and develop the circular economy
	<i>Citizen and social transitions</i>
SO20	Foster and develop social innovation in the Breton economy
SO21	Reinforce and renew the dialogue between science and society

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