



Bioeconomy strategy development in EU regions

Transition2bio & BE-Rural NoK Capacity Building Training:
How to raise awareness & communicate about bioeconomy?

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Knowledge Centre for Bioeconomy



Supports policymaking by:

- Making relevant information accessible
- Pooling relevant expertise
- Making sense and communicating available evidence

Policy: *A European Green Deal; Bioeconomy Strategy*



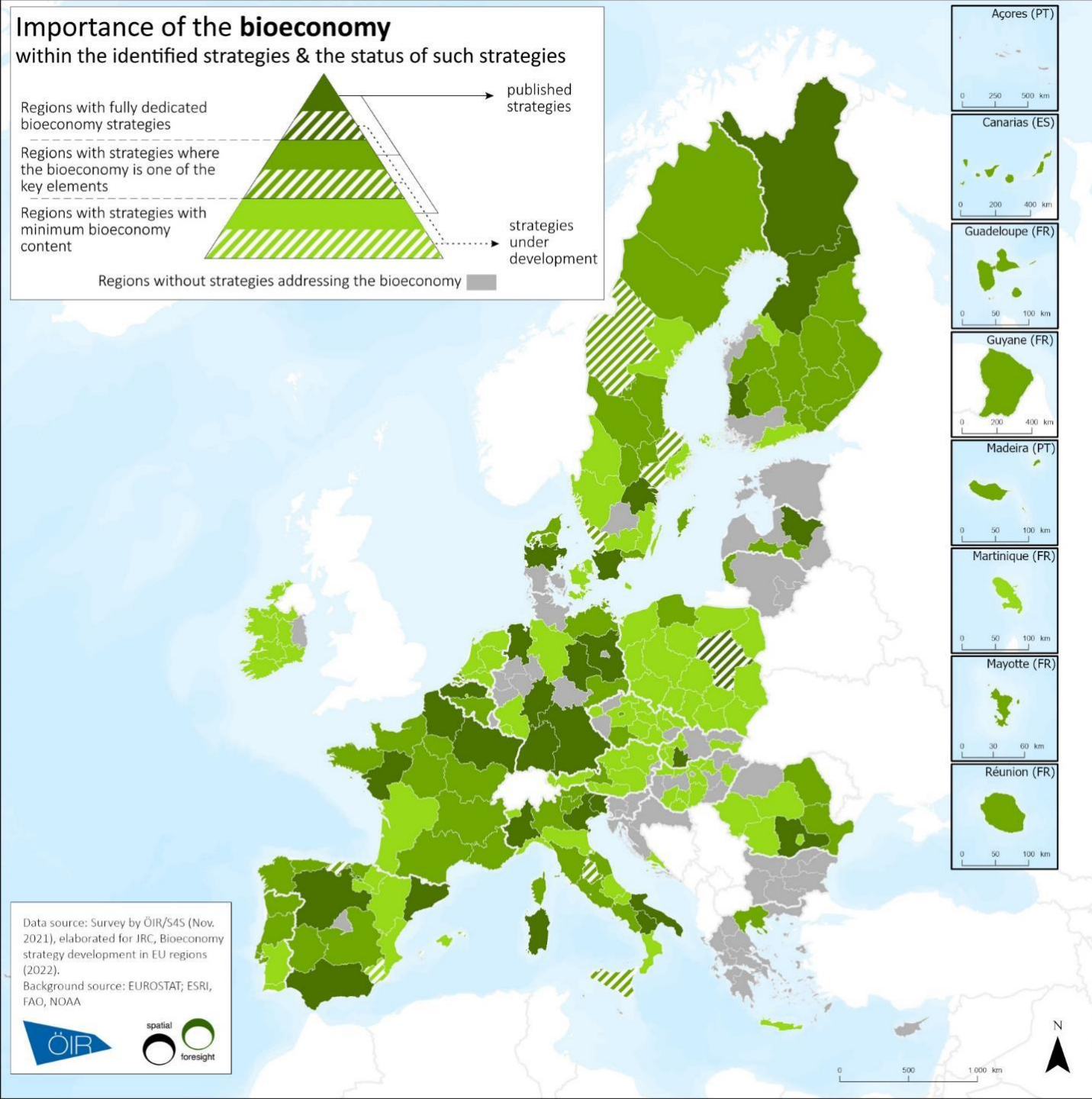
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Bioeconomy strategy development in EU regions

The study in a nutshell



- **Commissioned** by the JRC as a contribution to the EC Knowledge Centre for Bioeconomy
- **Implemented** by Spatial Foresight and Austrian Institute for Regional Studies (ÖIR) (Aug 2021 – May 2022)
- **Objective:** Map and analyse the deployment of regional strategies related to the bioeconomy in the European Union (EU-27).
- **Methodology:**
 - Desk research
 - Survey of experts and public authorities
 - Database development and analysis
- **Geographical scope:** NUTS 1 & NUTS 2 (exceptionally NUTS 3) level
- **Thematic scope:**
 - Different types of regulatory frameworks (e.g. Strategies, Action Plans, Roadmaps and /or Resource Management Plans)
 - Different types of bioeconomy coverage (bioeconomy-dedicated, sector specific, embedded in wider framework)
 - Status of strategy (developed, under development)

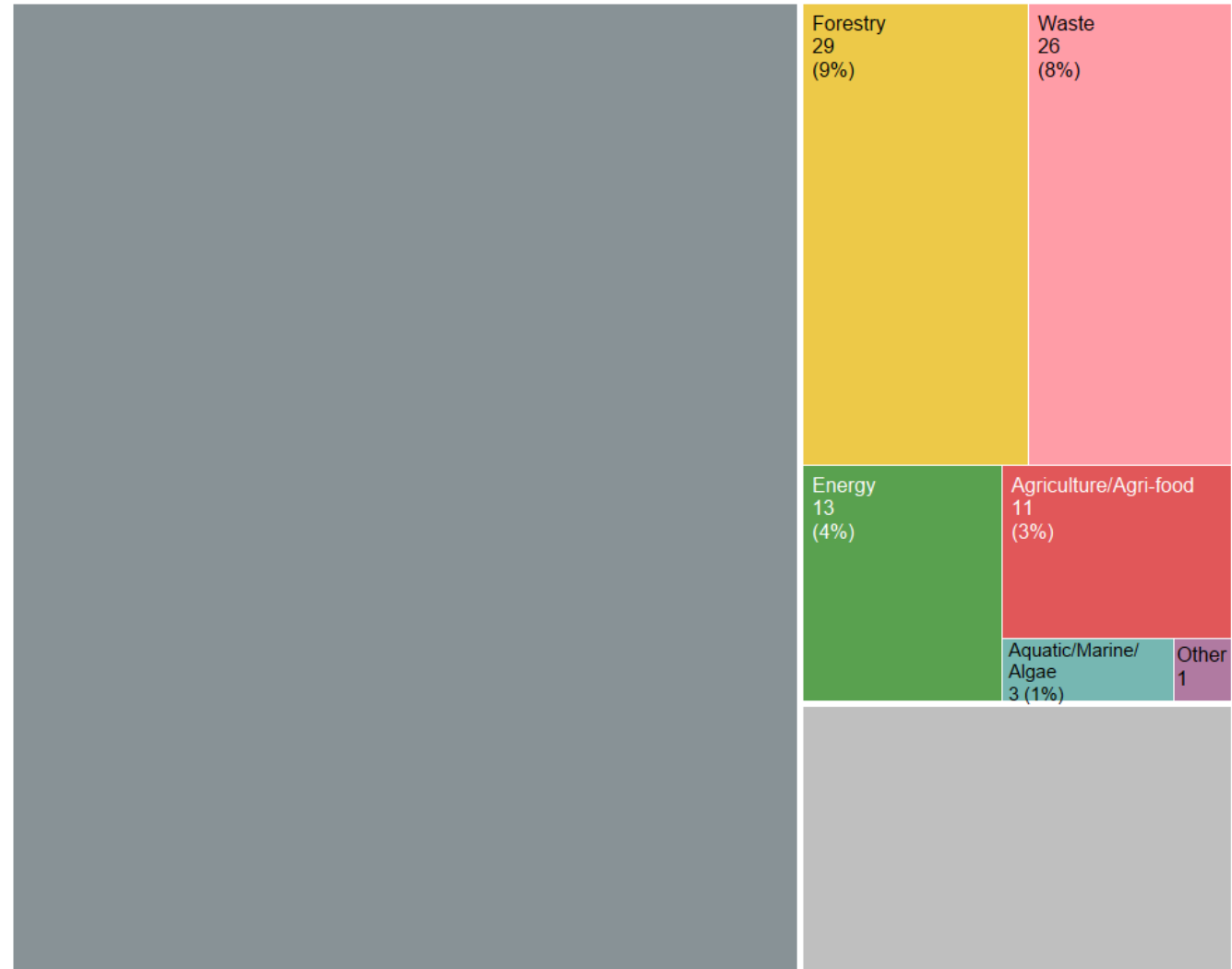


EU regions with bioeconomy strategies

- 28 with fully dedicated bioeconomy strategies (1 under development);
- 62 with strategies with a strong bioeconomy focus (7 under dev.);
- 94 with strategies with minimum bioeconomy content (2 under dev.)
- 194 regions in EU-27 (NUTS 1, NUTS 2 or NUTS 3 level) have, or are working towards, a strategic framework related to the bioeconomy.

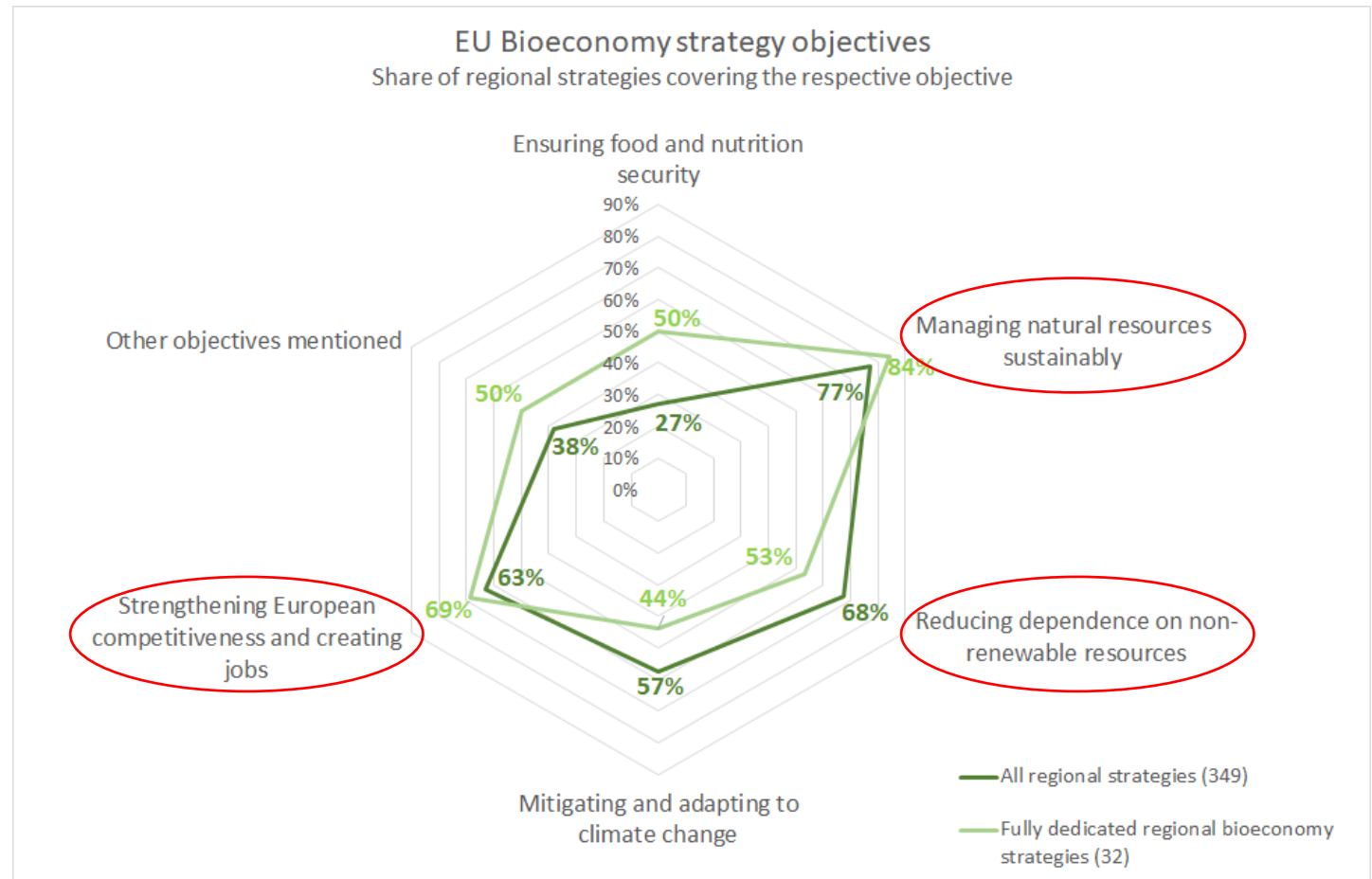
Regional strategies in the EU regions

- There are 324 (published) regional strategies related to the bioeconomy:
 - 32 (10%) with fully dedicated bioeconomy strategies;
 - 209 (65%) where bioeconomy is an embedded topic within a wider strategic framework
 - 83 (26%) cover bioeconomy within a sectoral strategy

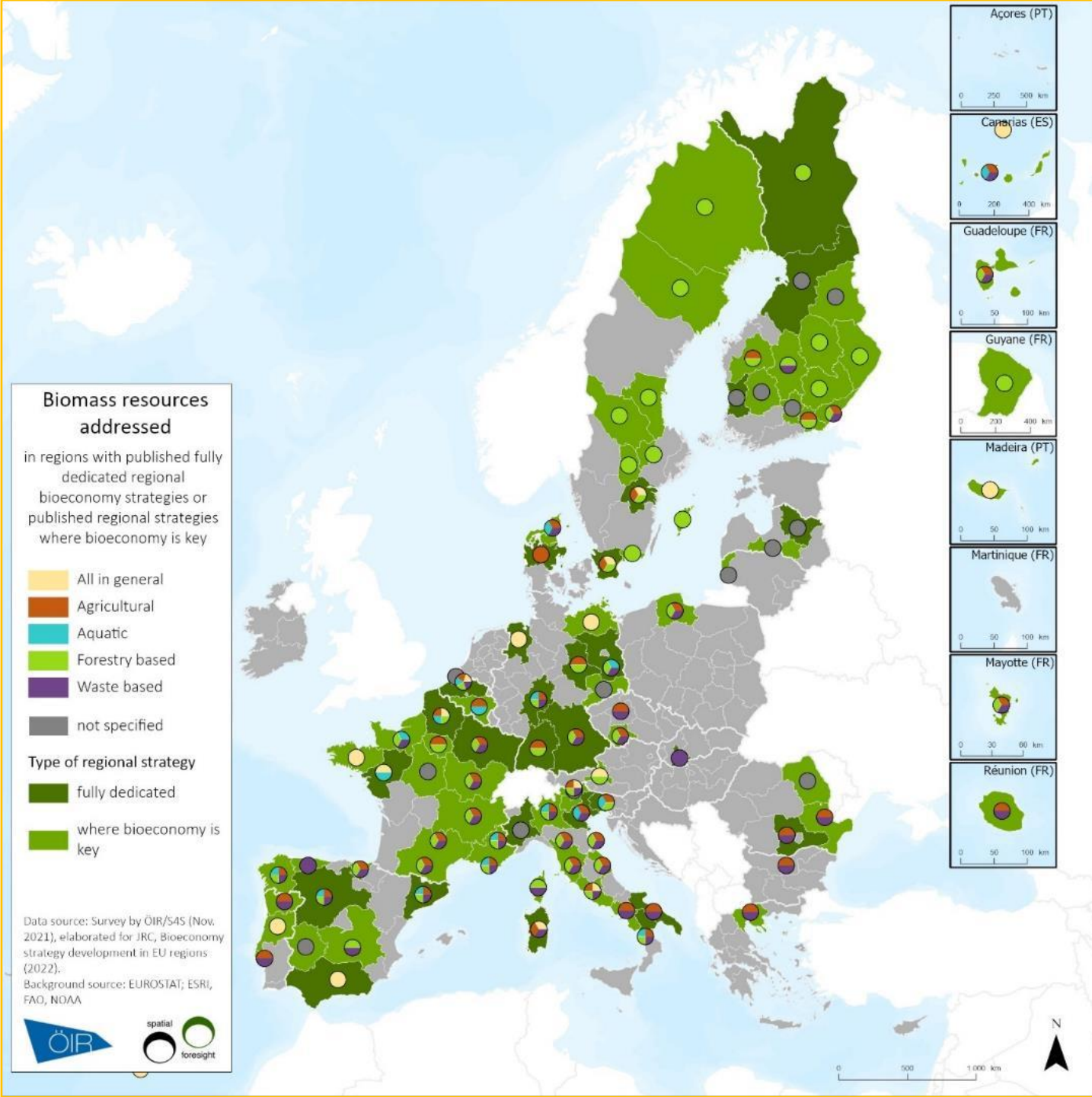
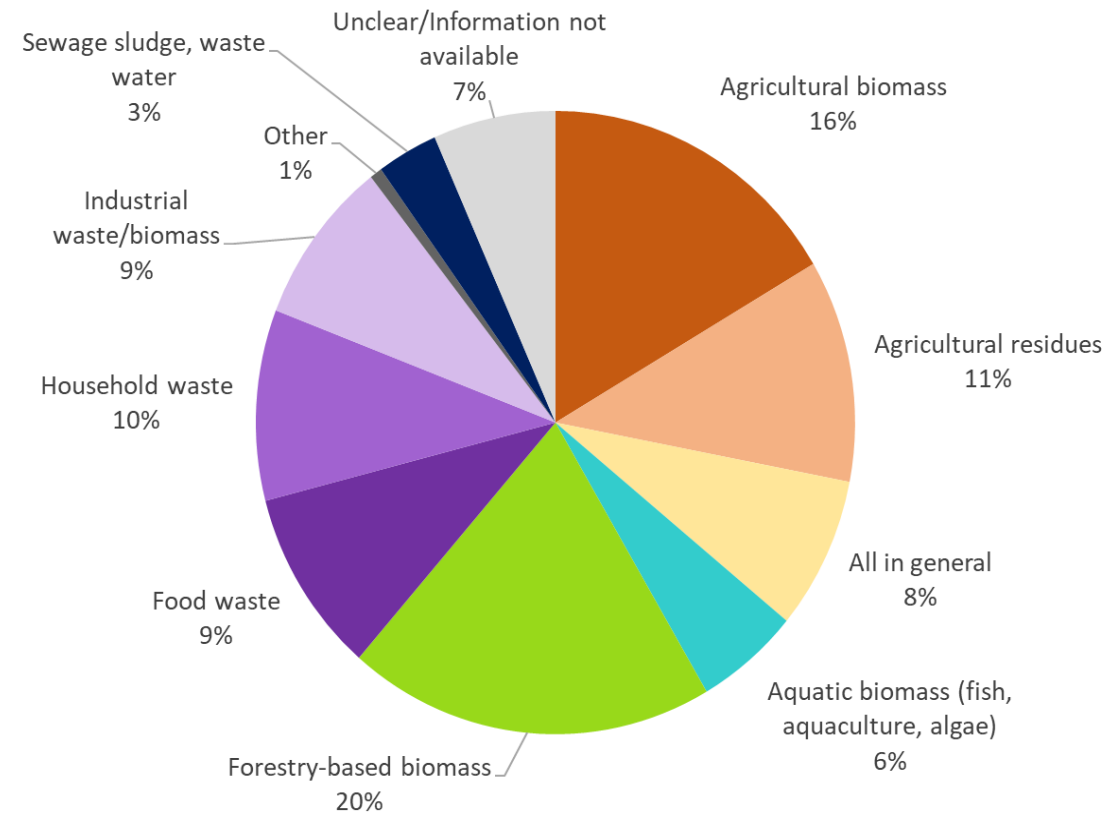


Objectives

- Managing regional natural resources sustainably
- Reducing dependences on non-renewable resources
- Strengthening European competitiveness and creating jobs



Biomass resources



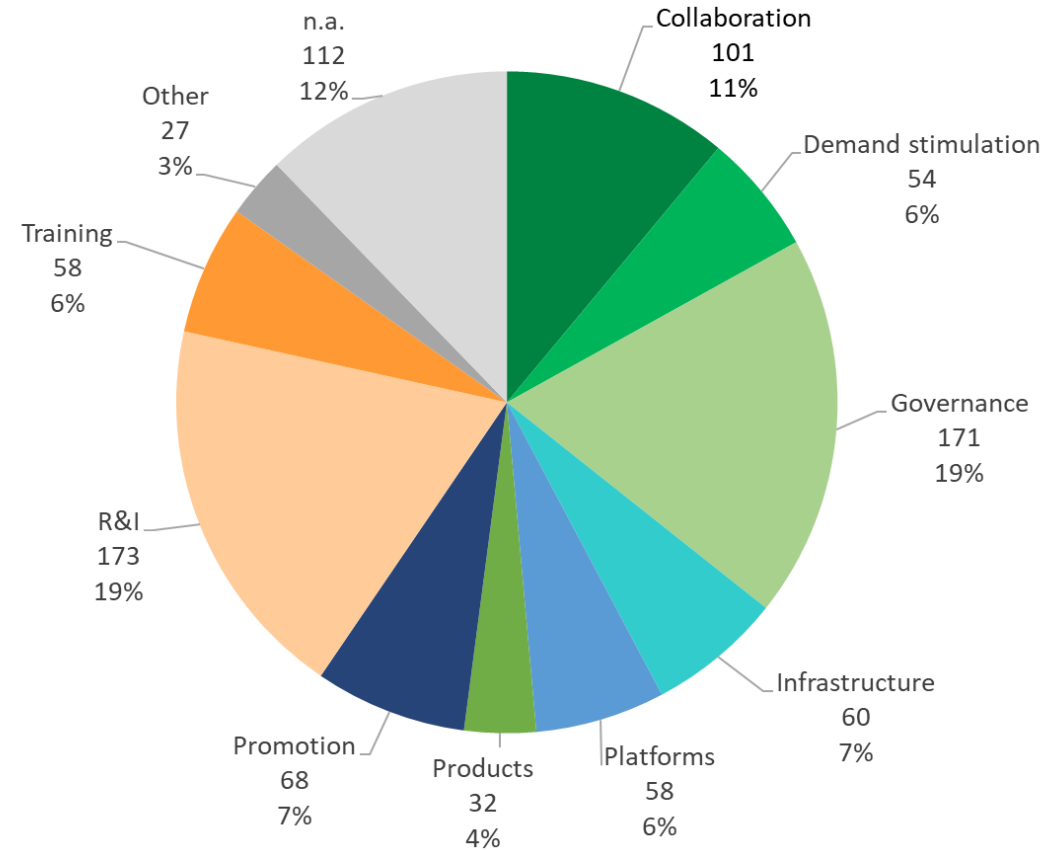
Policy measures

- **Governance (19%)**

Governance measures include ensuring policy coherence across sectors, actors, governance levels and timeframes as well as monitoring and reporting

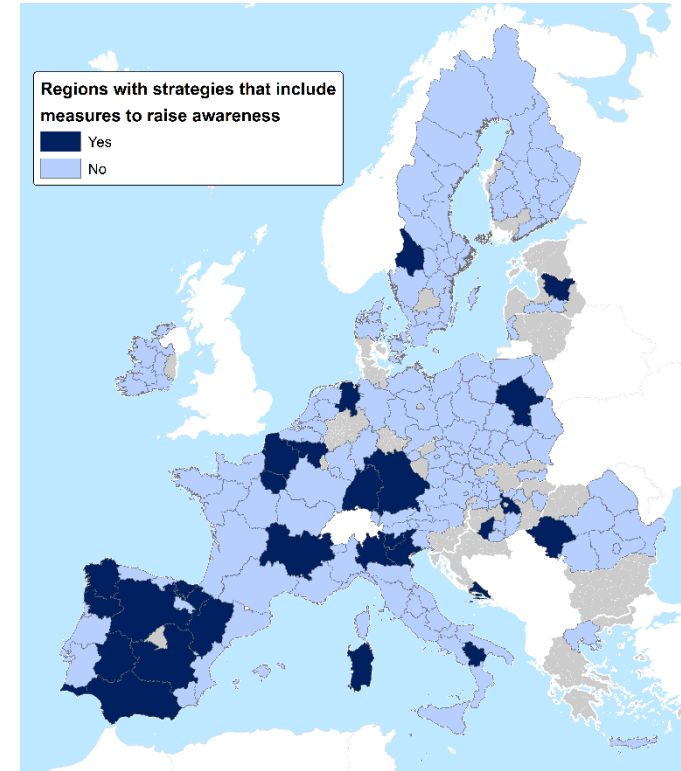
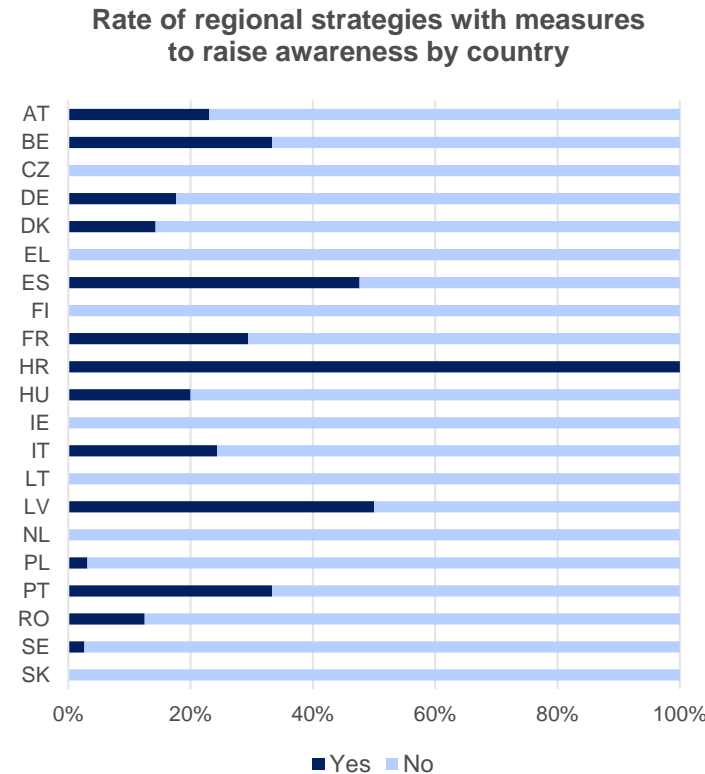
- **Research and innovation (19%)**

- Other important policy measures aim at **collaboration (11%)**, training, infrastructure platforms, stimulation of demand.



Regional strategies raising awareness

- Low deployment of policy measures **to raise awareness on the bioeconomy** (≈7% of total regional strategies).
- Difference between countries with high and low integration of these promotion measures.
- Diverse types of measures, e.g.:
 - Informing stakeholders via web pages, the media, specific events (dedicated weeks, workshops, round tables, and other activities), etc.
 - Advertisement campaigns targeting consumers and citizens at large
 - Creating territorial networks and platforms to showcase best practices



Patterns

- Certain patterns per country exist on e.g. how and in which wider frameworks bioeconomy is embedded.
- Two main factors for the presence of bioeconomy strategies at regional level:
 - Size and centralization of the country
 - Existence of a bioeconomy strategy at national level.
- Macro-regional initiatives as drivers of regional bioeconomy development such as the European Territorial Cooperation (INTERREG) and BIOEAST initiative.

Outputs from the study

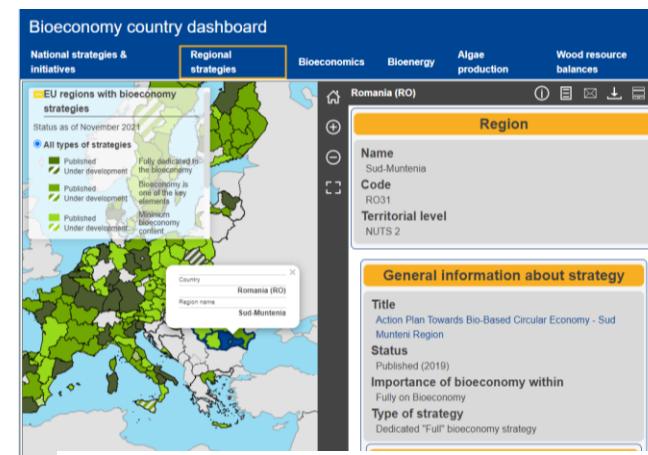


<https://publications.jrc.ec.europa.eu/repository/handle/JRC128740>

CC	Reg	Code	Title of Strategy in EU	Title of Strategy in original language	Territorial	Status of	Year of	Regional Authority/Organisation in charge	URL
FR	FRG	1	PAYS DE LA LOIRE BIO-BAS PLAN D'ACTION VERS UNE BIOECONOMIE		regional	published	2020	Association of the Chambers of the Atlantic	https://
FR	FRG	1	Circular Economy action plan	Plan d'actions économie circulaire 2018-2020	regional	published	2018	Région Pays de la Loire	https://
FR	FRG	1	Regional roadmap for the	Feuille de route régionale en faveur de la	regional	published	Unclear	Région Pays de la Loire	https://
FR	FRH	1	Roadmap for a circular economy	Feuille de route bretonne pour une économie	regional	published	2020	Région Bretagne	https://
FR	FRH	1	Biomass Plan for the	Schéma Régional Biomasse de Bretagne	regional	published	2019	Région Bretagne	https://
FR	FRD	1	Circular Economy Strategy	Stratégie pour une économie circulaire en	regional	published	2020	Région Normandie	https://
FR	FRD	1	Normandie Wood-Energy	Programme d'animation Bois-énergie Normandie	regional	published	Unclear	Biomasse Normandie	https://
FR	FRH	1	Roadmap for an energy	Transition écologique et énergétique: Réseau	regional	published	2019	Région Nouvelle Aquitaine	https://
FR	FRH	1	Strategic project 2019-2022	Projet stratégique 2019-2025 - Réseau	regional	published	2019	Chambre régionale d'agriculture Centre-Val de	https://
FR	FRB	1	Regional Action Plan for the	PLAN REGIONAL D'ACTION EN FAVEUR D	regional	published	2019	Region Centre	https://
FR	FRB	1	Regional Waste Prevention	Plan Régional de Prévention et de Gestion	regional	published	2019	Region Centre	https://
FR	FRH	1	Smart Specialisation Strategy	Stratégie de spécialisation intelligente	regional	under elabor	2020	Conseil Régional Grand Est	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI Grand Est	regional	published	2017	Conseil Régional Grand Est	https://
FR	FRH	1	An ambition: Make the Grand	Est un territoire	regional	published	2020	Conseil Régional Grand Est	https://
FR	FRH	1	Master Plan bio economy	Master Plan de la Bioéconomie en Hauts-	regional	published	2018	Région Hauts-de-France	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI Hauts-de-France	regional	published	2017	Région Hauts-de-France	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI Bourgogne-Franche-Comté	regional	published	2017	Région Bourgogne-Franche-Comté	https://
FR	FRH	1	Regional scheme on biom	Schéma régional Biomasse	regional	published	2019	DREAL - Mission régionale Climat Énergie; R	https://
FR	FRH	1	Roadmap on bio-based m	Feuille de route matériaux biosourcés -	regional	published	2020	Région Bourgogne-Franche-Comté	https://
FR	FRH	1	Regional strategy for the	STRATÉGIE RÉGIONALE POUR L'ESSOR DE	regional	published	2018	Région Ile-de-France	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI Ile-de-France	regional	published	2016	Région Ile-de-France	https://
FR	FRH	1	Regional strategy for biom	Schéma régional Biomasse de la région	regional	published	2019	DREAL - Mission régionale Climat Énergie & R	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI - région Provence-Alpes Côte d'Azur	regional	published	2017	Région Provence-Alpes Côte d'Azur	https://
FR	FRH	1	Regional scheme on biom	Schéma régional Biomasse de la région	regional	published	2020	DREAL - Mission régionale Climat Énergie & R	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI région Auvergne-Rhône-Alpes	regional	published	2016	Auvergne-Rhône-Alpes	https://
FR	FRH	1	Regional Strategy for Econ	SRDEI région Occitanie	regional	published	2016	Région Occitanie	https://
FR	FRH	1	Regional scheme on biom	Schéma régional Biomasse de la région	regional	published	2020	Région Occitanie, ADEME, DREAL, DRAAF	https://
FR	FRH	1	Pluriannual Programme	Programme Pluriannuel de l'Énergie	regional	published	2019	collectivité territoriale Corse, préfecture de C	https://
FR	FRH	2	Regional Strategy for Econ	SRDEI Guyane	regional	published	2019	collectivité territoriale Guyane	https://
FR	FRH	2	Regional programme for	Programme régional forêt bois de Guyane	regional	published	2020	collectivité territoriale Guyane, Ministry for	https://
FR	FRH	1	Regional scheme on biom	Schéma régional Biomasse de la Guadeloupe	regional	published	2020	Direction de l'Environnement, de l'Aménage	https://

Dataset

<http://data.europa.eu/89h/a89482ff-83af-4c82-96ef-39b0a59eb345>



https://knowledge4policy.ec.europa.eu/visualisation/bioeconomy-different-countries_en#regionalstrategies

THANK YOU

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