



GOUVERNEMENT

*Liberté
Égalité
Fraternité*



ACTION PLAN 2021-2023

2030 NATIONAL STRATEGY
FOR PROTECTED AREAS



ACTION PLAN

2021-2023



*Beekeeper beneficiary of the brand "Esprit parc national",
Saugué Highlands, Valley of Luz St Sauveur, Pyrenees National Park*

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FORWARD NOTICE

The tables of actions presented in this plan show: the time to implement the action, the description of the action, the priority of the action (P1 or P2), and finally the organisation responsible for defining or implementing the action.

The responsible organisations will coordinate with all the relevant actors to implement, monitor, and assess their actions. The responsible organisations are defined at this stage for informational purposes only; they may be reviewed or supplemented in the future.

When the stated measures are at the territorial level, discussions will be held between the sub-regional authorities (for example, departments, municipalities, and their groupings, including overseas territories) and courses of action will be proposed with respect to the competencies of each organisation.

The actions that may concern overseas communities, who have their own competencies related to the environment, are optional. They will be done at their discretion and according to their own strategies, while respecting their assignments.

The proposed actions must respect the distribution of competencies across the various public entities of metropolitan and overseas France (including the National Action at Sea).

The tables introduced in this action plan mention the following points:

Time	Action	Action's priority level	Responsible organisation(s)

OBJECTIVE 1

DEVELOP A NETWORK OF PROTECTED AREAS RESILIENT TO GLOBAL CHANGES



Measure 1

Expand the protected areas network to cover at least 30% of the national territory and maritime areas

Measure 2

Strengthen the protected areas network to reach 10% of the national territory and maritime areas under high protection

Measure 3

In addition to actions for 2022, drawing on local diagnostic surveys, strengthen the protection, coherence, and connectivity of the network of protected areas and highly protected areas through local concerted action by 2030

Measure 4

Identify and mobilise the tools that contribute to the coherence of the protected areas network

Measure 5

Use the reinforcement of existing land-use and regulatory tools to expand the network of protected and highly protected areas

Measure 1

Expand the protected areas network to reach at least 30% coverage of the national territory and of our maritime areas

Create or expand new protected areas

METROPOLITAN FRANCE			
By 2021	Finalise the management framework for the National Forest Park.	P1	- Ministry for Ecological Transition - Prefect coordinator
By 2022	Support the creation and management of 4 new Regional Nature Parks (RNP): RNP of maritime Picardy - Somme Bay, RNP of Mont-Ventoux, RNP Corbières-Fenouillèdes and RNP Doubs Horloger.	P1	- Federation of Regional Nature Parks of France - Ministry for Ecological Transition
By 2022	Strengthen the coherence of the network of land and maritime Natura 2000 sites through an analysis of its representativeness and useful additions/changes (in relation with the ongoing evaluation of the UMS PatriNat). In particular, it is a matter of filling the remaining gaps in the Natura 2000 network, more specifically for filling in coastal and offshore maritime sites through the expansion or the creation of sites, in coordination with the requests expressed by the European Commission without prejudice to the national strategic interests.	P1	- Ministry for Ecological Transition - Ministry of Sea - Territories - Maritime Prefects
OVERSEAS TERRITORIES			
By 2022	Expand the natural reserve of French Southern lands to all maritime waters under the sovereignty and jurisdiction of Crozet, Kerguelen, and Saint-Paul and Amsterdam.	P1	- Senior Administrator of the French Southern and Antarctic lands - Ministry for Ecological Transition - Ministry of Overseas Territories - Ministry of Sea

OVERSEAS TERRITORIES			
By 2022	Transform the Glorioso Islands Marine Nature Park into a national nature reserve.	P1	<ul style="list-style-type: none"> - Senior Administrator of the French Southern and Antarctic lands - Ministry for Ecological Transition - Ministry of Overseas Territories - Ministry of Sea
By 2022	Complete the network of protected areas in the Scattered Islands, including areas under high protection, by expanding the current network to the land and maritime parts of Bassas da India, Europa, Tromelin, and Juan de Nova Pilote.	P1	<ul style="list-style-type: none"> - Senior Administrator of the French Southern and Antarctic lands - Ministry of Europe and Foreign Affairs - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories
By 2023	Evaluate the supporting arrangements for the creation and management of protected areas in Overseas France, based on the Natura 2000 model (in particular by examining the measures for implementing a scientific approach to evaluate and monitor the conservation issues related to the existing protected areas and to support the implementation of management measures, in a logic of internetwork coordination, connectivity and territorial integration of these protected areas). During this process, studying the possibility of performing an experimentation and of implementing a call for expressions of interest to overseas collectivities.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - French Office for Biodiversity <p><i>In coordination with the Ministry of Overseas Territories and the various overseas collectivities</i></p>
METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Initiate projects of fisheries conservation areas on each seafront in metropolitan France and in each sea basin overseas. This will be performed based on a strategic thinking concerning the implementation of the fisheries conservation areas done in 2021.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Maritime Prefects - Prefects

Measure 2

Strengthen the protected areas network to reach 10% of the national territory and maritime areas under high protection

Create or expand new areas under high protection

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Create or expand 20 national nature reserves, in particular the Glorioso Islands Marine Nature Park and the forests of the mountains and ridges of Mayotte. The creation of these national reserves will allow the protection of wetlands (developing a plan to double the current surface of protected area), of forest environments, of open environments, but also of maritime areas of major interest (for example, coral reefs).	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Overseas Territories - Ministry of Sea - Collectivities - Prefects - High commissioners - Maritime Prefects
By 2023	Create 15 biological reserves (including managed, integral biological reserves) to protect the remarkable or representative species and habitats of French forests.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Agriculture and Food - National Forestry Office
OVERSEAS TERRITORIES			
By 2022	Define high protection areas within the Glorioso NNR and the expansion of the national nature reserve of French Southern territories to all the maritime waters under the sovereignty and jurisdiction of Crozet, Kerguelen, and Saint-Paul and Amsterdam.	P1	<ul style="list-style-type: none"> - Senior Administrator of the French Southern and Antarctic lands - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories
By 2022	Propose the creation or the expansion of high protection areas in the protected areas network being proposed (measure 1) in the Scattered Islands, by expanding the current network to the land and maritime parts of Bassas da India, Europa, Tromelin, and Juan de Nova Pilote.	P1	<ul style="list-style-type: none"> - Senior Administrator of the French Southern and Antarctic lands - Ministry of Europe and Foreign Affairs - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories

Protect the remarkable or most threatened ecosystems

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	<p>Strengthen forest protection by placing 250,000 ha of forest, including 180,000 ha in Guyana (by creating 2 biological reserves) and 70,000 ha in Metropolitan France, under high protection status. In order to reach 70,000 ha in Metropolitan France, identify the metropolitan forests of the State to place under high protection in order to reach 10% of state-owned forests being under high protection status and define the management objectives and how to achieve them.</p> <p>During the discussion, define a high protection objective for the collectivity and private forests, as well as the management modalities and means necessary to achieve them. The objectives for high protection of the state-owned forests are defined at the national level.</p>	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Agriculture and Food - National Forestry Office - Prefect and collectivities - National Federation of Forest Communes - Federation of Private Forestry Unions
By 2022	<p>Strengthen coastline protection by expanding the protected area of the Coastal and Lakeshore Conservatory (expansion protected areas by at least 6,000 additional hectares, some of which will be under high protection).</p>	P1	<ul style="list-style-type: none"> - Coastal and Lakeshore Conservatory
By 2022	<p>Follow the commitment taken within the framework of the Assises de l'Eau to double the surface of wetlands having a high protection status in Metropolitan France, offering a strategy of implementation of protected areas for wetlands, in relation with the territorial approaches.</p> <p>To do this, increase and speed up the creation of protected areas in wetlands, in particular by studying the feasibility of a national wetland park.</p>	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition
By 2022	<p>Deploy departmental lists of geological sites of interest.</p>	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Department prefects

OVERSEAS TERRITORIES

By 2022	<p>Strengthen the protection of threatened natural habitats in Guyana (coastal savannah, riparian wetlands, forests on sandy cords, coastal forests, low and high lands, forests of irregular hills, etc.) by creating new protected areas on the Guyanese coastline, by putting under high protection 6,200 hectares of savannah in order to ensure the preservation of many rare and threatened species, according to a local diagnostic established by all the stakeholders.</p>	P1	<ul style="list-style-type: none"> - Prefect of Guyana - Territorial collectivities of Guyana
By 2022	<p>Protect 75% of the coral reefs overseas by developing a network of marine protected areas (objective of 100% by 2025 set by the biodiversity plan) in respect of the strategies and competencies of the Overseas collectivities.</p>	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories - French Office for Biodiversity - Overseas collectivities - At the discretion of the collectivities of New Caledonia and the Provinces, French Polynesia, and Wallis and Futuna - Prefect and High commissioners

Measure 3

In addition to actions for 2022, drawing on local diagnostic surveys, strengthen the protection, coherence, and connectivity of the network of protected areas and highly protected areas through local concerted action by 2030

Provide decision support tools
to identify new areas to protect

METROPOLITAN AND OVERSEAS FRANCE			
By the end of 2021	Provide a toolbox (framework, cartography...) allowing the identification of protected areas, ecosystems for which it would be relevant to develop protected areas (at the level of Metropolitan France, Overseas collectivities, basins and maritime seafront, and ecoregions). This toolbox will be available online.	P1	- French Office for Biodiversity - Ministry for Ecological Transition
By 2023 with a progress report at the beginning of 2022	Provide the networks with a robust scientific analysis about the representativeness, the connectivity, the replication, and the suitability of the network of protected areas at the national and ecoregional level in Metropolitan and Overseas France.	P1	- French Office for Biodiversity and partners

Identify the new areas to protect

METROPOLITAN AND OVERSEAS FRANCE			
By the end of 2021	Propose new areas to protect at the territorial level (region, overseas collectivities), including some high protection areas, based on a territorial diagnostic of the status of the protected areas network.	P1	<ul style="list-style-type: none"> - Regional prefects - High commissioners - Territorial collectivities (regions) - Overseas collectivities (at the initiative of the competent executives)
By 2022	Make an inventory of the ongoing experiments or work on the connectivity between protected areas.	P1	<ul style="list-style-type: none"> - French nature reserves - Heads of the protected area networks
By the end of 2023	Identify new sites to create or expand new national and regional nature reserves by 2030 in concert with the territorial diagnostic processes.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Regional Councils and Regions of France
By the end of 2021	Identify 50 sites that may become biological reserves by 2030 and start the implementation of their protection.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Agriculture and Food - National Forestry Office

Identify the new areas to protect

METROPOLITAN FRANCE			
By the end of 2021	For the maritime environment in Metropolitan France, adopt within the framework of seaboard strategic documents by 2026 targets and proposed sites for the development of highly protected areas.	P1	- Coordinating prefects of the seaboards
OVERSEAS TERRITORIES			
By 2022	Perform a diagnostic analysis of the issues (land/sea) in Wallis and Futuna, under the responsibility of the collectivity and the State, bringing together the relevant population and actors in order to define the measures that permit the ensuring of a sustainable management of the land and sea environments (including the exclusive economic zone).	P1	- Administrator and collectivity of Wallis and Futuna

Implement the territorial plan of actions

METROPOLITAN AND OVERSEAS FRANCE			
By the end of 2021	Define and implement the territorial action plans. An evaluation and update of those action plans will be performed from 2024 to 2027.	P1	- French Office for Biodiversity - Collectivities - Prefects

Measure 4

Identify and mobilise the tools that contribute to the coherence of the protected areas network

Fill and specify the national inventory of the natural heritage

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Undertake an analysis of all French land tenure, regulatory, and contractual tools in relation to the identification of protected areas and other effective conservation measures per area. This includes in particular the public and private property on which the conservation objectives may derive from other objectives: the fight against urban sprawl, the conservation of a natural heritage area, the preservation of water resources, the restoration of degraded environments, the habitats of interest for hunting or fishing, the protected areas for their sacredness, etc. This analysis will be performed on the national level and will be based on specific case studies, and if needed in pilot regions and on an international benchmark.	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - French Office for Biodiversity - A connexion will be made with the UCIN French Committee
2020 - 2021	In some pilot departments, identify some classified sites and sensitive natural areas that may be related to the network of protected areas, including under high protection	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Collectivities and Assembly of the French departments - French Office for Biodiversity
2020 - 2022	Fill the national register of protected areas and other efficient conservation measures that contribute to the conservation of ecosystems.	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - French Office for Biodiversity

Support all tools contributing to ecosystem preservation

METROPOLITAN AND OVERSEAS FRANCE			
By the end of 2022	Based on an analysis of opportunities, propose a framework for the development of buffer zones related to some land or sea protected areas (definition, tools and implementation modalities, etc.).	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Agriculture and Food - French Office for Biodiversity
OVERSEAS TERRITORIES			
2020 - 2021	Ensure the appreciation and recognition of the spatial planning and management tools contributing to ecosystem conservation (fishing cantonment, traditional management tools in the Pacific collectivities, etc.), including at the international level.	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories - Overseas collectivities
By 2022	Support the international recognition of the Managed maritime area of French Polynesia as a marine protected area, if French Polynesia requests it.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Overseas Territories - Ministry of Sea - Government of French Polynesia - French Office for Biodiversity - High commissioner

Measure 5

Use the reinforcement of existing land-use and regulatory tools to expand the network of protected and highly protected areas

Strengthen land and regulatory tools

METROPOLITAN AND OVERSEAS FRANCE			
By the end of 2022	Perform a diagnosis of the regulatory and legal framework related to the creation of protected areas in order to allow a dynamic evolution and to ensure there is no global regression of the protected areas with regard to the adaptation issues to the effects of climate change.	P2	- Ministry for Ecological Transition - Ministry of Sea
By the end of 2021	Develop a strategic plan in favour of prefectural orders for protection (of biotopes, geotopes, or natural habitat) based on the diagnosis of these tools: monitoring, signage, revision of the current regulations, synergies with the land tools, etc.	P1	- Ministry for Ecological Transition - Ministry of Sea
2020 - 2022	Support the establishment of natural area Conservatories in order to strengthen a consistent network of preserved and managed natural sites, by sustainably securing granted lands that are compatible with the notion of protection sustainability.	P1	- Federation of the natural area conservatories - Ministry for Ecological Transition

Identify highly protected areas within the network of protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Perform a comprehensive and qualitative inventory of the areas under high protection within the Regional Nature Parks (RNP) and Maritime Nature Parks (MNP), of the actions and of the tools for the spatialisation of the biodiversity issues within the RNP charts and the MNP management plans, and based on this, identifying the good practices to formalise, where appropriate, a guide of good practices.	P1	<ul style="list-style-type: none"> - Federation of the regional nature parks - French Office for Biodiversity
By 2022	Identify the sites with high protection within the protected area of the coastal and lakeshore Conservatory.	P1	<ul style="list-style-type: none"> - Coastal and Lakeshore Conservatory

OBJECTIVE 2

SUPPORT IMPLEMENTING EFFECTIVE AND SUITABLE MANAGERIAL PRACTICES OF THE PROTECTED AREAS NETWORK



Measure 6

Strengthen the professional training of protected area managers and dynamise network leadership

Measure 7

Improve the methodology for piloting, evaluating, and adapting the management of protected areas

Measure 6

Strengthen the professional training of protected area managers and dynamise network leadership

Dynamise the network of protected area managers and their interactions with the research field

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Support a national and regional organization of referring manager and scientist networks in collaboration with the management and the evaluation of protected areas.	P1	- French Office for Biodiversity
By 2023	Develop a regionalized networking platform (including ecoregions and seabords) allowing for a pooling and sharing of expertise between managers and researchers.	P1	- French Office for Biodiversity

Develop the competencies of protected area managers and provide new management support tools

METROPOLITAN AND OVERSEAS FRANCE			
By 2022 step 1	Develop a national training plan for managers, in particular about the planning, evaluating, and governing principles of protected areas.	P1	- French Office for Biodiversity - Heads of the networks of protected area
By 2023 step 2	Develop a united resource centre for technical support between protected areas for the development of methods, tools, and competencies related to the management of protected areas.	P1	- French Office for Biodiversity - Heads of the networks of protected area

Anchor the expertise of the network of managers amongst the actors of the territory

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Define and initiate a dynamic training program or an awareness campaign performed by the managers for the actors of the territories.	P1	<ul style="list-style-type: none">- Regional agencies for biodiversityor- State/region-collectivity jurisdiction

Measure 7

Reinforce the methodology for piloting, evaluating, and adapting the management of protected areas

Develop and reinforce the management documents of the protected areas and their evaluation

METROPOLITAN AND OVERSEAS FRANCE			
By 2022 step 1	<p>Perform the inventory of the number and types of validated management documents by type of protected areas. Define procedures to monitor and update the data in the protected areas reference database.</p> <p>Perform an in-depth analysis of the needs for the implementation of the management document methodology and its adaptation to the specificities of different types of protected areas.</p>	P1	<ul style="list-style-type: none"> - French Office for Biodiversity - Heads of networks
By 2023 step 2	<p>Adapt the methodology of the guide for the development of documents for the management of natural sites to all the related statutes by integrating the specificities of the different types of protected areas.</p> <p>As part of the dedicated resource centre, spread the methodology of the guide for the development of documents for the management of natural sites in the protected areas that have a management plan.</p>	P1	<ul style="list-style-type: none"> - French Office for Biodiversity - Heads of networks
By 2023 step 2 bis	<p>Develop a unified framework to gather the results of the existing evaluation systems in protected areas to propose a first validation of the results collected between the network on a regional and national (and even international) level and identify the gaps and needs for a common foundation.</p> <p>For the Natura 2000 network, continue the development and optimisation of evaluation and monitoring methods related to the effectiveness of the management measures.</p> <p>Deploy the evaluation procedures in the protected areas to report the collected results. Collectively develop a common foundation (evaluating issues, indicators) adapted to different levels (ecoregional, regional, seafront/overseas basins, local).</p>	P1	<ul style="list-style-type: none"> - French Office for Biodiversity - Heads of networks - Ministry for Ecological Transition

METROPOLITAN AND OVERSEAS FRANCE			
By 2023 step 3	Using a first edition, encourage the results collected by the protected areas to the regional or seaboard/overseas basins (even ecoregional), national, and international levels through appropriate communication channels.	P1	- French Office for Biodiversity
By 2023	Support and encourage the protected areas submission for the label "Green list" of the UICN. Promote and strengthen the network of French and French-speaking sites registered in the Green list of protected and preserved areas as best sites and promoters of virtuous practices in terms of governance, planning, adaptive management, and conservation.	P1	- Ministry for Ecological Transition - French Committee of the UICN - Heads of networks

Experiment with the coordination of the protected areas management and with the agreement of all the related managers and improve the protected areas governance

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Quantitative and qualitative analysis of the governance modalities in protected areas and their openness to territories and citizens in partnership with the research and support of national networks.	P1	- French Office for Biodiversity
By 2023	(1) Perform an inventory of the current experiments in terms of coordination of several protected areas management (shared governance, common planning, or evaluation). (2) Organise a seminar between networks to share those experiences and expand them to new sites in the framework of the next plan of actions. (3) If needed, perform one or several experiments on a voluntary basis, in order to coordinate the management of several protected areas with a common easement.	P1	- Heads of the manager networks if possible

Evaluate the conservation state of the biodiversity within the network of protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Establish the methodology to monitor the conservation state of biodiversity within the network of protected areas (for example, identification of target species, etc.), and even establishing the concept of "maintaining a favourable conservation state".	P1	- French Office for Biodiversity

Integrate climate change into the management of protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	(1) Gather the results of the projects (ongoing and finished) of the various networks concerning the adaptation of management in response to climate change: Life ARTISAN, SFN projects, Life Adapto, Life FORECCAsT, Life Natur'adapt...).	P1	- French Office for Biodiversity or - Ministry for Ecological Transition
By 2023	(2) Create functional methods and tools for managers to integrate climate change issues, in order to: - spread good practices - integrate them into planning documents - monitor and evaluate them	P1	- French Office for Biodiversity or - Ministry for Ecological Transition

OBJECTIVE 3

SUPPORT SUSTAINABLE ACTIVITIES IN THE PROTECTED AREAS NETWORK



Measure 8

Ensure compatibility of uses by means of a framework for monitoring and controlling activities geared toward the conservation issues of protected areas

Measure 9

Support uses compatible with the conservation objectives of protected areas

Measure 8

Ensure compatibility of uses by means of a framework for monitoring and controlling activities geared toward the conservation issues of protected areas

Evaluate the compatibility of uses with the conservation objectives of protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Create criteria for evaluating the compatibility of uses with the conservation objectives of marine protected areas and propose a methodological framework to provide criteria adapted to the conservation objectives of protected areas.	P1	<ul style="list-style-type: none">- French Office for Biodiversity- Managers- Heads of networks
By 2022	Create a methodology for analysing the risks of undermining the conservation objectives for species of community interest in the Natura 2000 sites associated with commercial fishing activities.	P1	<ul style="list-style-type: none">- Ministry for Ecological Transition- Ministry of Sea
By 2022	For defence activities, framework agreements could be implemented with the services of the Ministry of Ecological Transition to simplify the impact assessment procedures for recurrent defence activities.	P2	<ul style="list-style-type: none">- Ministry for Ecological Transition- Ministry of the Armed Forces

Control the uses and activities within the protected areas network

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Strengthen the capacity to monitor and control regulatory measures within the network of land and maritime protected areas (especially areas under high protection), in line with the administration's capacity master plans.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Administration in charge of the action of the State at sea
By 2022	Strengthen and support the capacity to control and monitor as part of the fight against illegal gold-panning in Guyana.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Amazonian Park of Guyana - Managers of national natural reserves
By 2022-2023	Define quantified objectives for the monitoring and control of activities in all the "water and nature" and "maritime environment" control plans, on one hand, and start a debate about the link between criminal policy and control and monitoring frameworks for environmental protection (procedures, training, awareness of the judges, etc.) on the other.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - <i>in coordination with</i> - The Chancellery

Measure 9

Support uses compatible with the conservation objectives of protected areas

Support the uses compatible with the conservation objectives of protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Each of the protected areas reaches the objectives set at the national level in terms of ecological transition of sectors, in particular in terms of agro-ecological transition in proportion to their geographic coverage (15% of the agricultural area used for organic farming in 2022, 5,000 farms out of 15,000 labelled high environmental value, etc.).	P1	- Relevant Ministries
By 2022	Implement a network of reference sites in protected areas, which show the compatibility between biodiversity protection and economic activities for fishing, aquaculture, agriculture, forestry, nature sports, wildlife and health management, wild plant management, invasive alien species control, risk management, and climate change adaptation. The goal is to spread good practices, organisation of training, and co-porting between the managers and relevant professional structures, as well as multi-stakeholder dialogue bodies (example agro-sylvo-cynegetics observatory).	P1	- French Office for Biodiversity - Heads of the protected area networks - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories
By 2021	Fight against light pollution and identify national targets for collectivities involved in the Starred Cities and Villages label within protected areas.	P1	- Ministry for Ecological Transition

METROPOLITAN AND OVERSEAS FRANCE

By 2022	Invest in visitor facilities that limit the impact of the tourist use on protected areas (lodges to avoid dispersed camping, marked trails, etc.) and define tourism strategies to manage the flows on the protected areas subject to high occupancy.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea
By 2022	Integrate, in collaboration with the actors, environmental content in the initial training of nature sports educators and popular education and tourism actors and specific training content for those involved with the protected areas.	P2	<ul style="list-style-type: none"> - Ministry of Sports - Ministry for Ecological Transition
By 2022	Encourage the aggregation of private forest property management to achieve managerial units of sufficient size that would allow for the improvement of taking forest biodiversity (e.g., islands of old wood, islands of senescence, diversity of species) into count and to generate enough income to fund it.	P2	<ul style="list-style-type: none"> - Ministry of Agriculture and Food
By 2022	<p>Encourage and value the approaches and innovations implemented in protected areas: labels such as park marks or quality approaches (MSC label for fishing, labels and certification for forest management, etc.), company partnerships/protected areas: deployment of some companies committed to nature, recognition of the innovation: "born in a protected area", network of demonstration sites.</p> <p>Produce a document for the joint promotion of all the labelling procedures implemented in protected areas in order to promote the role played in the ecological transition of activities.</p>	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Agriculture and Food - Ministry of Sea - Heads of networks - French Office for Biodiversity

OBJECTIVE 4

CONSOLIDATE THE INTEGRATION OF THE PROTECTED AREAS NETWORK IN THE LOCAL SETTING



Student managers of the Hane Marine Education Area in Ua Huka - Marquesas Islands (French Polynesia)

Measure 10

Improve the integration of protected areas in the various public policies and in locally-developed projects

Measure 11

Encourage and support citizens in the management and governance of protected areas

Measure 12

Use protected areas as key resources for connecting society, and youth in particular, with nature

Measure 10

Improve the integration of protected areas in the various public policies and in locally-developed projects

Improve and ease the integration of the protected areas in the planning documents

METROPOLITAN AND OVERSEAS FRANCE			
By 2021	<p>Perform a diagnostic of the legal and regulatory framework related to the link between the protected area policies and the public planning policies.</p> <p>With some support, achieve the compilation of the zoning of the land use planning documents in the urban planning portfolio in order to cross-check them with the geographical objectives of the national strategy for protected area and thus to identify the critical areas.</p>	P1	- Ministry for Ecological Transition
By 2022	<p>Update the network of protected areas taken into account in the regional plans (regional strategy for biodiversity, regional plan for sustainable development and territorial equality, ecological corridors, regional development plan for Overseas France), for the integration of the issues of ecological coherence and mutually encourage the consideration of the nearby rural or urban territories in the management documents of protected areas.</p>	P1	<ul style="list-style-type: none"> - Regions of France - Regional Councils - Regional prefects
By 2022	<p>Strengthen the land-sea dimension in the Water Development and Management Schemes (WWRS) being revised to limit impacts in the marine protected areas. Strengthen the presence of maritime stakeholders in the basin committees when they are renewed (15%).</p>	P1	<ul style="list-style-type: none"> - Water agencies - Basin committees

Improve and ease the integration of protected areas in territorial projects

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Deploy some calls for projects for some innovations such as future investment programmes, ecological transition contracts, territorial innovation projects... that the protected areas are supporting or fully integrating and ensuring their effective capitalisation.	P1	<ul style="list-style-type: none"> - Ministries - State (CGI) and operators (ADEME, OFB, BPI...) - Collectivities
By 2023	<p>Implement some supporting (discussions, training, etc.) and valuing actions for the elected representatives in the protected areas on the regional and national levels.</p> <p>For Natura 2000, in order to ease the carrying of this policy and its territorial appropriation, with the development of the elected representatives' involvement: training, support for their COPIL's presidency mission, setting up some sharing forums at the national and territorial levels and an animation of a network of elected representatives at the national level via the FCEN/FPNRF/RNF inter-network mission. This pilot approach could be usefully valued in a wider logic affecting all the protected areas.</p>	P1	<ul style="list-style-type: none"> - Heads of the protected area networks
OVERSEAS TERRITORIES			
By 2022	Make the various public financial supports more accessible for the protected areas, including the interbasin solidarity with the Overseas Territories.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Overseas Territories - French Office for Biodiversity - French Agency for Development - Managing authorities for European funds

Measure 11

Encourage and support citizens in the management and governance of protected areas

Making citizens active in protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Develop participatory scientific programmes in protected areas with two objectives for raising awareness of the visitor towards biodiversity and producing naturalist data.	P1	- Participatory science collective
By 2023	<p>Encourage and enhance citizen initiatives to contribute to the creation, management, and preservation of protected areas (or of territorial tools contributing to biodiversity protection with a view to contributing to the reinforcement of the network of protected areas aimed at areas to be restored and protected by citizen initiatives, in particular through the tool of Actual Environmental Obligations (REE) tool.</p> <p>Develop some modalities to strengthen the attractiveness of this tool (AEO) and study in some pilot regions the implementation of participatory budgets for the citizen actions and some systems of citizen participation in governance that doesn't necessarily involve the representative jurisdictions.</p>	P1	- Ministry for Ecological Transition
By 2023	Develop volunteerism and civic service in the protected areas.	P2	- Heads of the managers of protected area networks
By 2023	Develop and implement a national communication campaign recalling that the (land and maritime) protected areas are living territories where another relationship with nature is created, based on the managers and on the successful experiments in terms of creation and integrated management of protected areas (linked to a protected area near your home).	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea <i>in relation with</i> - French Office for Biodiversity

OVERSEAS TERRITORIES

By 2022	Experiment in some of the protected areas of overseas territories with some more inclusive modalities of governance and association of users and residents on a case-by-case basis (e.g., local life committee of the Amazonian Park of Guyana, integration of cultural or customary dimensions, etc.).	P1	<ul style="list-style-type: none">- Heads of the networks of protected area- Managers of the protected areas
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Measure 12

Use protected areas as key resources for connecting society, and youth in particular, with nature

Protected areas and environmental education

METROPOLITAN AND OVERSEAS FRANCE			
By 2021	Establish a master agreement for education in protected areas that would encourage, in particular, the initial and ongoing training of the teachers in national and agricultural education.	P1	<ul style="list-style-type: none"> - Ministry of National Youth and Sports Education - Ministry for Ecological Transition - Ministry of Sea - Ministry of Agriculture and Food
By 2022	Experiment with a nature education programme in protected areas by developing, for example, a specific offer of voluntary work placement or civic services. The final objective is for the youth to be able to enjoy an itinerary equivalent to 30 days of experience in the nature.	P1	<ul style="list-style-type: none"> - Ministry of National Youth and Sports Education - Ministry for Ecological Transition - Ministry of Sea - Ministry of Agriculture and Food
By 2022	Create 500 land and maritime educational areas as tools that contribute to the ecosystem protection and often are within the maritime or land protected areas.	P1	<ul style="list-style-type: none"> - Regional groups of educational areas - French Office for Biodiversity

Help citizens discover or rediscover protected areas

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Carry out an action under the "a protected area near you" campaign in one third of protected areas.	P1	- French Office for Biodiversity - Heads of the manager networks
By 2023	Mobilise protected areas in a coordinated way by region for active participation in the targeted events: nature festival, science festival, sea festival, heritage day, day of the night, sustainable development week, a protected area near you.	P2	- Regional agency for biodiversity <i>or/and</i> - Other entities in charge of the regional animation
By 2023	Develop and launch the initiative "Nature and Wilderness Stay: a unique experience in the nature reserves" allowing the citizens to access to a guided experience in nature reserves in connection with holiday stays for children and works council stays for adults and families.	P2	- French nature reserves

OBJECTIVE 5

STRENGTHEN INTERNATIONAL COOPERATION TO STEM THE EROSION OF BIODIVERSITY



Measure 13

Use protected areas to advocate an ambitious global framework for biodiversity

Measure 14

Consolidate international cooperation and enhance the role of French protected areas in international networks

Measure 13

Use protected areas to advocate for an ambitious global framework for biodiversity

Advocate for an ambitious global framework for biodiversity

INTERNATIONAL			
By 2021	Advocate during the COP15 convention on biological diversity on a global level, with the coalition of high ambition for nature and peoples jointly encouraged by France and Costa Rica, the establishment of a representative network of protected areas, connected and effectively managed covering at least 30% of land ecosystems and 30% of marine ecosystems (and encouraging 10% in high protection).	P1	<ul style="list-style-type: none"> - Ministry of Europe and Foreign Affairs - Ministry for Ecological Transition
By 2021	Support the development of innovative funding models for protected areas, in particular by capitalising on the works of the French Development Agency and of the French Facility for Global Environment.	P1	<ul style="list-style-type: none"> - Ministry of Europe and Foreign Affairs - Ministry for Ecological Transition - French development agency - French Facility for Global Environment
By 2021	<p>Get the ocean recognised as a common good of humanity in the future treaty of the United Nations (UN) for the protection of biodiversity in world oceans,</p> <p>Including beyond national waters (treaty project "BBNJ" for "biodiversity beyond national jurisdiction"). The main objectives of this ambitious treaty project should be to define a global system to design an efficient management of marine protected areas beyond national jurisdiction and to ensure an enhanced cooperation with the regional level for an efficient implementation.</p>	P1	<ul style="list-style-type: none"> - Ministry of Europe and Foreign Affairs

Encourage the development of a protected areas network at the international level

METROPOLITAN AND OVERSEAS FRANCE			
By 2021	Encourage the development of protected areas for tropical forests and wetlands, particularly in relation to our national strategy to combat imported deforestation.	P1	<ul style="list-style-type: none"> - Ministry of Europe and Foreign Affairs - Ministry for Ecological Transition - Ministry of Agriculture and Food
2021 - 2023	Work towards the recognition of exceptional sites on the UNESCO world heritage list, such as the Marquesas Islands (French Polynesia), Mount Pelée (in Martinique) on the national level and the thermal dome of Costa Rica, near the French atoll of Clipperton or in the Sargasso Sea, in the framework of the Sargasso Sea Commission on the international level.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Europe and Foreign Affairs - Relevant collectivities (French Polynesia)
By 2021	Conclude the project of marine protected areas "submarine Mount Evlanov" in the North-East Atlantic under the Convention for the Protection of the Marine Environment of the North-East Atlantic (OSPAR Convention).	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Europe and Foreign Affairs
By 2021	Take part in the negotiation aiming to conclude the projects of marine protected areas in Antarctica as part of the convention of the fauna and flora conservation of Antarctica.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Europe and Foreign Affairs
By 2022	Develop more networks of efficient and well-managed marine protected areas in the areas under the convention of regional seas, including beyond the national jurisdiction for OSPAR and the CCAMLR.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Europe and Foreign Affairs
By 2023	As part of the conventions of the regional seas, push for an evaluation of the maritime protected area network in terms of marine biodiversity alteration related to climate changes, in order to make sure that the geographical coverage of this network and its management are maintaining a good representativeness and a good ecosystem protection resilient to those changes.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Europe and Foreign Affairs

Measure 14

Consolidate international cooperation and enhance the role of French protected areas in international networks

Consolidate the leadership and the position of the French protected areas in international networks

METROPOLITAN AND OVERSEAS FRANCE			
By 2023	Contribute to the development of regional reserves of protected areas in Europe (Natura and Emerald networks) and on the international level.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Europe and Foreign Affairs
By 2022	Evaluate the opportunities for the creation and management of cross-border protected areas as part of the regional conventions (Alpine Convention, regional seas conventions) and of other international systems.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Overseas Territories - Ministry of Sea - Ministry of Europe and Foreign Affairs
By 2021	Strengthen the involvement of the managers of protected areas within the European networks through a sharing of the representation of protected area managers within the protected areas conference (Europarcs, Eurosites, ALPARC networks, and REDPARQUES in particular international) (MEDPAN, WCPA, etc.).	P1	<ul style="list-style-type: none"> - Heads of the manager networks
2021 - 2023	Strengthen the French network of human and biosphere reserves in connection with the international MAB network. Implement or support the new biosphere reserve projects under study, in particular: Martinique, country of Sarrebourg, Gascogne Landes Massif, French Polynesia, etc.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Relevant collectivities - Ministry of Overseas Territories

OBJECTIVE 6

A DURABLE NETWORK OF PROTECTED AREAS



Measure 15

Consolidate the financing of protected areas

Measure 16

Support a change of paradigm by giving prominence to the benefits provided by protected areas and mobilising the entire community for their funding

Measure 15

Consolidate the financing of protected areas

Under the 2021 Finance Act, the State has programmed new resources dedicated to achieving the objectives set by this strategy. As part of an extra allocation in favour of water and biodiversity: 11 million Euros will be used to support the creation of new protected areas and the operation and management of protected areas through different actions (support for national parks, creation of 20 national natural reserves, including those in the Glorieuses, creation of 4 new regional nature parks, increased efforts to combat illegal gold-panning in protected areas, support for the creation of a foundation recognised as being in the public interest by the Conservatoires d'Espaces Naturels, etc.). In addition, the unprecedented 100 billion Euro France Relance investment plan should allow for the support of a green recovery of the economy after the health crisis. 250 million Euros in commitment authorisations have been earmarked for this purpose to support territorial projects that will strengthen the structuring of economic sectors that contribute to the creation of local jobs while ensuring the maintenance and restoration of terrestrial, coastal, and aquatic ecosystems, in order to enable territories to adapt to climate change and various risks. These fundings include in particular 135 million Euros for priority ecological restoration operations, 40 million Euros for the resilience of coastal territories, and 60 million Euros for protected areas and for intervention programmes to restore, welcome, and support the transition of practices and to improve knowledge.

Perform a diagnosis of protected area financing

METROPOLITAN AND OVERSEAS FRANCE			
2021	<p>Perform a diagnosis of the budget and financing methods of protected areas, including an analysis and recommendations on:</p> <ul style="list-style-type: none"> - cost structures of protected areas (operation and investment) - different sources of public and private funding and some opportunities for optimisation and synergy in this regard - needs for the implementation of the 2030 strategy and involving if needed some compensations related to the restriction of some uses in a significant way for the economic activities - the means to cover the financing of the strategy, both with private and public funding and, in particular, the issues and modalities of mobilising the private sector and the general public for the funding of protected areas - the valuation of the services provided by the protected areas, in connection with green budgeting. - European funding, in particular that can be mobilised as part of the European strategy for biodiversity - analysis of some ways to rationalise and optimise existing tax expenses and revenues that affect the protected areas or the objectives of the strategy 	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Ministry of Overseas Territories <p><i>through a CGEDD-IGF mission</i></p>

OVERSEAS			
By 2021	As part of the planned diagnosis, examine the details of the financing of protected areas in overseas territories, including in overseas communities, in line with the recommendations of the 2016 CGEDD report.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Ministry of Overseas Territories <i>through a CGEDD-IGF mission</i>

Consolidate the mobilisation of national or local funding

By 2022	Assess, as part of the planned diagnosis of the budgets and financing of protected areas, the ways in which protected areas are valued in the collectivities' budgets.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Ministry of Territorial Cohesion - Collectivities
By 2022	As part of a CGEDD-IGF inspection mission, evaluate the ways in which the basis of the fees charged by the water agencies can be made consistent with the missions financed by these institutions. Examine the ways to diversify the expenses of the water agencies to contribute to the activities of the protected areas.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Water agencies
By 2023	Introduce positive taxation in favour of the protected areas of local collectivities, including improving the biodiversity funding to take better into account the rural amenities with the coming funding act of 2022.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Economy, Finance and Recovery
By 2022	Evaluate the feasibility of a partnership with the Heritage Foundation to support some projects in protected areas (in the name of natural and culture heritage).	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery
By 2022	Based on the diagnosis described above, propose methods of financial compensation for uses, such as fee-based sport or cultural events in a protected area and perform impact studies.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery

By 2022	Study the implementation of multi-annual contract objectives and performances allowing multi-annual visibility of the financial commitment for the management of protected areas.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Ministry of Agriculture and Food - Operators
By 2021	Identify the possible financial leverages for the knowledge acquisition programmes related to protected areas: inventory, call to management projects - researchers, systematic reviews, call for the expression of interests for the evaluation of management measures, sentinel sites network, etc.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery

Improve the mobilisation of European funding

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Develop the LIFE SNaP project and related projects (the project in particular aims to optimise the use of all the European funds, both sectoral and structural).	P1	<ul style="list-style-type: none"> - French Office for Biodiversity - Ministry for Ecological Transition
2021	Organise a national seminar gathering all the actors with the European Commission about the mobilisation of Europeans funds (FEADER, FEDER, LIFE, PAC, FEAMP, Interreg), in particular, for the application of nature directives and of the European strategy for biodiversity.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - National agency of Territorial cohesion <i>in relation with the Regions</i>
By 2021	Set up a conference with national funders and some conferences at the relevant territorial levels (regions, seafronts, overseas basins, and collectivities).	P1	<ul style="list-style-type: none"> - Depending on local governances, support of the regional agency for biodiversity or - Jurisdiction State/ regions-collectivities - For the national component: State and Regions

METROPOLITAN AND OVERSEAS FRANCE

By 2022	As part of the definition of intervention programmes related to various European funds, strengthen the contribution of European policies for biodiversity preservation, in particular, by ensuring their compatibility with the achievement of nature conservation objectives in protected areas.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Economy, Finance and Recovery - Ministry of Agriculture and Food - Regions
By 2021	Study the implementation of supporting tools (financial tools, support platform) for managers in order to ease the implementation of project engineering to enhance and pool European funding, particularly in the context of responding to calls for LIFE projects.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Ministry of Territorial Cohesion - Ministry of Agriculture and Food - Ministry of Overseas Territories - Regions - Water agencies - French Office for Biodiversity, etc.
By 2022	Explore ways to support managers in meeting cash advance obligations.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - Ministry of Territorial Cohesion - Ministry of Agriculture and Food - Ministry of Overseas Territories - Regions - Water agencies - French Office for Biodiversity - Deposits and Consignments Fund
OVERSEAS			
By 2023	For Overseas Territories, give access to European funding for the LIFE program and facilitate access to co-funding and to public support for development through the action of the French Development Agency (FDA).	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Overseas Territories
From 2021	Support Overseas Territories to benefit from BEST funding.	P1	<ul style="list-style-type: none"> - French Office for Biodiversity - Ministry of Overseas Territories

Measure 16

Support a change of paradigm by giving prominence to the benefits provided by protected areas and mobilising the entire community for their funding

Value the services provided by protected areas and mobilise all of society to fund them

METROPOLITAN AND OVERSEAS FRANCE			
By 2022	Present the funding of biodiversity in a different way, in an integrated way, and like a global investment, for example, by giving orders of magnitude of the costs and services rendered related to protected areas. Examine the valuing of these assets as part of green budgeting.	P1	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery <i>in relation with the collectivities</i>
By 2022	Strengthen the involvement of the private sector, in particular by setting up a mechanism for the deployment and securing of sponsorship.	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - Ministry of Sea - Ministry of Economy, Finance and Recovery - <i>Deposits and Consignments Fund in relation with the collectivities</i>
By 2022	Mobilise citizens, the individual, and the user with innovative mechanisms allowing co-funding through donations, citizen support, etc. (e.g., participatory budget).	P2	<ul style="list-style-type: none"> - Ministry for Ecological Transition - French Office for Biodiversity - Deposits and Consignments Fund <i>in relation with</i> - Managers, Collectivities, Companies

OBJECTIF 7

CONSOLIDATE THE ROLE OF PROTECTED AREAS IN FURTHERING KNOWLEDGE CONCERNING BIODIVERSITY



Measure 17

Ensure acquired knowledge is circulated among protected area managers and local stakeholders

Measure 18

Use protected areas as laboratories of fundamental and applied research to improve knowledge on biodiversity, ecosystem services and climate-related changes

Measure 17

Ensure acquired knowledge is circulated among protected area managers and local stakeholders

By 2021	Coproduce a synthesis of the scientific questions coming from the needs and problems protected area management and biodiversity conservation based on discussions and questions with the network heads.	P1	- French Office for Biodiversity - AllEnvi (National Environmental Research Alliance)
By 2022	Organise thematic workshops with research organisations and scientists to raise research issues relevant to protected areas.	P1	- French Office for Biodiversity - AllEnvi (National Environmental Research Alliance)
By 2023	Establish an inventory of the indicators the state of conservation and the most significant pressures at the regional level, for seaboard, for overseas and ecoregional basins, and for enabling a comparison within and out of the network and then propose the missing indicators (linked with objective 2).	P1	- French Office for Biodiversity - Heads of networks
By 2023	Select relevant indicators at the national level to evaluate conservation of biodiversity, landscapes, and cultural heritage in protected areas.	P1	- French Office for Biodiversity - Heads of networks
By 2023	Perform diagnoses of the coherence of the protected area networks in each ecoregion of the territory, including the marine environment, and identify the gaps to fill (in line with objective 1).	P1	- Regional groups (Regions, ARB, collectivities, OM, DREAL, etc.) - French Office for Biodiversity
By 2023	Pursue calls for expressions of interest to provide managers with statistical methodological support for the implementation of inventories and monitoring.	P1	- French Office for Biodiversity
By 2023	Continue to perpetuate and develop the call for expressions of interest to finance the evaluation of the effectiveness of management measures, in order to create a network of sites with harmonised monitoring.	P1	- French Office for Biodiversity

Measure 18

Use protected areas as laboratories of fundamental and applied research to improve knowledge on biodiversity, ecosystem services, and climate-related changes

By 2023	Establish a diagnosis and methodological proposals to integrate the issues of free evolution of the environment and of the species in the management of the protected areas, in a context of adaptation to climate changes.	P2	- Research organism <i>or</i> - French Office for Biodiversity
From 2021	Involve the network of protected areas in the development of inventories, participatory sciences, development and preservation of research and development programmes applied to management.	P1	- Research organism - Ministry for Ecological Transition - Ministry of Sea - Ministry of Research - French Office for Biodiversity - Heads of networks
By 2022	Integrate the protected areas and their managers in the land and marine biodiversity monitoring master plans.	P1	- French Office for Biodiversity - Heads of protected area networks
By 2022	Launch at least one generalised inventory of the biodiversity in a protected area.	P1	- French Office for Biodiversity - Ministry for Ecological Transition
By 2023	Launch one call for a research project about the questions identified as some priorities including the efficiency and governance themes.	P1	- Ministry for Ecological Transition - AllEnvi (or Foundation for the Research about Biodiversity)
By 2023	Perform systematic reviews on two questions identified as a priority.	P1	- AllEnvi (or Foundation for the Research about Biodiversity) - French Office for Biodiversity
By 2021	Identify the programmes aiming to evaluate the ecosystem services in the protected areas and create a guide of good practices for taking into account the ecosystem services in the management of the protected areas.	P1	- Dedicated work group - Ministry for Ecological Transition - Ministry of Sea - French Office for Biodiversity - Research organism - Managers of protected areas

By 2022	As part of an experiment, launch in a series of protected areas some programmes aiming to analyse the existing ecosystem services and to preserve, value, and restore them if needed.	P1	<ul style="list-style-type: none"> - Managers of the protected areas - Regional agency for biodiversity - French Office for Biodiversity - Research - Regions
By 2023	Expand and perpetuate the monitoring systems of the diseases and chemical contaminants with some conservation, public health or economic issues, and implement a systematic screening in the risky territories in order to detect the health emergencies.	P1	<ul style="list-style-type: none"> - French Office for Biodiversity <i>and</i> - Other organisations to define
By 2023	As part of the land and marine monitoring programmes, expand and perpetuate the systems of the sentinel sites network and the implementation of scientific observatories for monitoring and analysing the impact of global changes.	P1	<ul style="list-style-type: none"> - State - French Office for Biodiversity - Heads of protected area networks
By 2022	Prepare, highlight and update a directory of scientific/naturalist expertise within each network of protected areas.	P1	<ul style="list-style-type: none"> - Heads of protected area networks - French Office for Biodiversity - Regional agency for biodiversity - Regions

Transversal action

Ensure monitoring and an evaluation of the national strategy and of its plans of actions

From 2021	Establish a governance system to monitor the implementation of the strategy in conjunction with the interministerial departments and bodies.	P1	- Ministry for Ecological Transition - Ministry of Sea
By June 2021	Propose a system for monitoring and evaluating the strategy, including a list of monitoring indicators.	P1	- French Office for Biodiversity - Ministry for Ecological Transition - Ministry of Sea
By the end of 2021	Establish a list of indicators for the shared monitoring of the strategy (after consulting with the partners).	P1	- French Office for Biodiversity - Ministry for Ecological Transition - Ministry of Sea
By the end of 2021	Ensure a monitoring of the network of protected areas and of strong protection at the ecoregional level on the national territory with a yearly update of the data and maps.	P1	- French Office for Biodiversity
By 2022	Propose an accounting of new protected areas and of new areas under high protection after having been presented to the national council for the protection of nature.	P1	- Ministry for Ecological Transition - Ministry of Sea - French Office for Biodiversity

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GOVERNEMENT

*Liberté
Égalité
Fraternité*