

Contribution of France to the next SCF Forum "Financing Nature-Based Solutions"

France welcomes the opportunity to respond to the invitation by the SCF to provide inputs for the upcoming forum on financing Nature-Based Solutions. Indeed, France is very committed to the deployment of Nature-Based Solutions (NBS). They have a tremendous potential to help us reach our common climate, biodiversity and sustainable development targets. Regarding climate change, they can be used both for adaptation and mitigation and France supports their use whenever possible, as part of the solutions to tackle this major challenge. However, while NBS may offer multiple co-benefits and illustrate the synergies between climate and biodiversity, they remain highly sensitive to climate change, and their continued effectiveness and usefulness depends on reducing greenhouse gas emissions. The following inputs include cases studies, NBS related papers and potential speakers for round tables and other parts of the forum.

Organization	Speakers for the Forum	Case studies	NBS related papers
CDC Biodiversité	<p>CDC Biodiversité is a private subsidiary of the Group Caisse des Dépôts – France’s leading long-term investor serving local and regional economic development. CDC Biodiversité’s mission consists in implementing actions to restore, compensate and preserve biodiversity and ensure its sustainable development. Its expertise lies in the development of long-term legal and financial tools enabling private as well as public actors to delegate the management of their voluntary or regulatory commitments to CDC Biodiversité. CDC Biodiversité agrees on the principle of intervening during the event. This intervention and the name of the representative will however be confirmed once the date and place of the event are known. https://www.cdc-biodiversite.fr/nous-decouvrir/qui-sommes-nous/suzanne.rihal@cdc-biodiversite.fr</p>	<p>“Nature 2050” Programme, by CDC Biodiversité Nature 2050 is a French national action programme launched by CDC Biodiversité in 2016 that aims at adapting French territories to climate change by 2050 through the implementation of NBS. The programme is conducted in partnership with environmental NGOs (Fondation Nicolas Hulot pour la Nature et l’Homme, France Nature Environnement, LPO France), scientific and academic bodies (Muséum National d’Histoire Naturelle, Scientific Committee of CDC Biodiversité) and public institutions (Office français de la biodiversité, ADEME, EcoMaires). These actors constitute the Steering Committee of Nature 2050 and guarantee the programme’s ambitions. The programme relies on the engagement of private and public actors to act beyond their regulatory obligations. As such, Nature 2050 is a funding tool contributing to the mobilization of private funding as complementary to public funding for NBS implementation. Nature 2050 commits to adapt, restore and monitor up to 2050 1m² of biodiversity for each 5 € HT invested in the programme. At the end of 2019, around 4,5 million euros were engaged in the programme. Private companies can choose to donate to Nature 2050 through a contribution to CDC Biodiversité or to the Fonds Nature 2050. The Fonds Nature 2050 is an endowment fund created in 2019 to give the opportunity to contributors to reduce taxation. Through such mobilization and funding capacity, Nature 2050’s management team and its Steering Committee select and fund NBS’ implementation projects led by local actors (communities, NGOs, farmers, managers of natural spaces etc.). Both Nature 2050 and project leaders commit through contractual terms in monitoring and evaluating the impact of the NBS implemented in terms of biodiversity, climate change adaptation and socio-economic benefits for the territory until 2050. At the end of 2019, Nature 2050 was supporting more than 34 projects across the national territory: link. Nature 2050 has built medium- and long-term partnership with private and public partners in order to promote NBS. Every year, a national event as well as field visits and technical trainings are organized. Reporting on projects, monitoring & evaluation as well as awareness raising actions is continuously underway. Website: https://www.nature2050.com/</p>	<p>Rapport annuel 2019 du programme Nature 2050 : https://www.nature2050.com/2019-retour-sur-une-annee-riche-en-actions-a-travers-le-rapport-annuel-du-programme-nature-2050/ Carte des 34 projets du programme Nature 2050 : https://www.nature2050.com/wp-content/uploads/2020/03/3-CARTE-PROJETS-2019-version-finale-pdf.pdf MEB – Evaluation socio-économique des SFN : http://www.mission-economie-biodiversite.com/publication/evaluation-socioeconomique-sfn MEB – Biodiversité, climat et économie : http://www.mission-economie-biodiversite.com/publication/biodiversite-climat-et-economie MEB - From South to North: a comparative analysis of Payments for Environmental Services: http://www.mission-economie-biodiversite.com/wp-content/uploads/2014/12/n2-initiatives-uk-bd.pdf Link to publications in English : http://www.mission-economie-biodiversite.com/english</p>

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Biodiversity Economy Mission (CDC Biodiversité)		<p>The Biodiversity Economy Mission is an initiative of Caisse des Dépôts, spearheaded and run by CDC Biodiversité. It is tasked with researching and devising innovative solutions that strike a balance between economic development and the preservation of biodiversity. The Biodiversity Economy Mission has a Steering Committee consisting of the executive directors of French Agencies and Ministry of the Environment, and a world class Scientific Committee and its research focuses on areas such as urban biodiversity, financing solutions for green and blue corridors, the scientific principles involved in setting up offsetting arrangements, or innovative mechanisms for funding biodiversity preservation. Its goal is to develop solutions for the future, rooted in a long-term, sustainable development perspective that takes account of the limits on natural resources. All of this research is carried out in the service of the public interest and the Biodiversity Economy Mission seeks to share and circulate its findings through its various publications. In 2021 and 2022, the Biodiversity Economy Mission is planning to undertake a study on funding incentives and financial tools for NBS implementation in France. This study will be funded by the Office français de la Biodiversité. Contractualization is ongoing.</p>	<p>Publication of the biodiversity economy mission: "Évaluation socioéconomique des Solutions fondées sur la Nature", Revue Biodiv'2050, Numéro 17, Mai 2019 : http://www.mission-economie-biodiversite.com/publication/evaluation-socioeconomique-sfn</p>
French Water Partnership	<p>The French Water Partnership (FWP – Partenariat Français pour l'Eau – PFE), a non-profit association governed by the French law on associations of 1991, is a multi-actor platform which works on conveying key consensual messages on the governance and management of water resources in the international arena. The FWP, along with its partners from other countries, participates in many international forums and events such as World Water Forums, World Water Days and events related to sustainable development (Rio+20 Conference). It is also present in other forums and events where topics concerning water are an essential component (agriculture, energy, health, etc.). This platform brings together French water stakeholders who intervene internationally: Ministries, NGOs, businesses, local authorities, watershed-based organisations, and scientific and technical organisations. The FWP was created on 22 March 2007 for World Water Day by 33 founding members and is the product of their desire to make their united voice heard with key messages from France and to share their expertise at international debates. The FWP has existed legally as an independent association since 11 July 2012; it currently has over 200 members. https://www.partenariat-francais-eau.fr/en/about-the-fwp/ jessica.orban@partenariat-francais-eau.fr</p>		<p>The French Water Partnership is preparing a brochure on the tools (financial but also regulatory and planning) for implementing Nature-based Solutions in the water sector for French local authorities. The brochure is produced with the support of the Banque des Territoires with the scientific council of the IUCN French Committee. This publication will be finalized at the earliest for the Congress of Mayors in November 2020 and at the latest at the IUCN Congress in January 2021.</p>

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French Biodiversity Office	<p>The French Biodiversity Office (OFB) is a public institution dedicated to safeguarding biodiversity. One of its priorities is to respond urgently to the challenges of preserving life. Created on January 1, 2020 by Law No. 2019-773 of July 24, 2019, the French Biodiversity Office is under the supervision of the Ministry of Ecological Transition and the Ministry of Agriculture and Food. The OFB brings together agents from the French Agency for Biodiversity (AFB) and the National Hunting and Wildlife Office (ONCFS). Uniting these two establishments in the fight for the protection of nature, makes it possible to bring together expertise on aquatic, land and marine environments and to form a common front against the threats to biodiversity in France. The regrouping of these two entities, whose agents are located throughout France and overseas, also allows it to ensure a solid foothold in the territories to act at the local level.mathilde.loury@ofb.gouv.fr</p>	<p>LIFE Integrated Projected ARTISAN (Achieving Resiliency by Triggering Implementation of nature-based Solutions for climate Adaptation at a National scale)The French biodiversity office coordinates the project in which participate among others the French Ministry of Ecological and Inclusive Transition, the French Committee of the International Union for Conservation of Nature, the Agency for the Environment and Energy Management, CDC Biodiversité, the European Center for Flood Risk Prevention (CEPRI).With a total budget of € 16.7 millions and the involvement of 28 partners for 8 years (2020-2027), ARTISAN aims to strengthen the implementation of French national adaptation plans beginning with the second national adaptation plan 2018-2022 through the massive deployment of Nature-based Adaptation Solutions. The strategic approach consists of creating the necessary frameworks for action and removing the barriers in order to allow the widespread use of Nature-based Adaptation Solution by decision-makers in all situations and territories where this is relevant by 2030.CDC Biodiversité is an associated beneficiary of the LIFE ARTISAN project. Among its missions, CDC Biodiversité is in charge of mobilizing economic actors for the financing of NBS implementation project by organizing 10 local events in several regions of France from 2021 to 2027. https://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=7406#PD</p>	
French Committee of IUCN			<p>Publications of the French Committee of IUCN :IUCN France – Les Solutions fondées sur la Nature pour les risques liés à l'eau en France (2019) : https://uicn.fr/wp-content/uploads/2020/01/sfn-light-ok.pdfIUCN France – Nature-based Solutions for climate change adaptation and disaster risk reduction (2019, en anglais) : https://uicn.fr/wp-content/uploads/2019/07/uicn-g20-light.pdfIUCN France – Les Solutions fondées Nature pour lutter contre les changements climatiques et réduire les risques naturels en France (2018) : https://uicn.fr/wp-content/uploads/2018/06/brochure-sfn-mai2018-web-ok.pdfSynthèse de l'Atelier international Eau et Climat – S'adapter au changement climatique grâce à la nature (2017) : https://uicn.fr/wp-content/uploads/2018/09/magazine-atelier-eauclimat-2017-fr-en.pdfIUCN France – Des Solutions fondées sur la Nature pour lutter contre les changements climatiques (2016, version française) : https://uicn.fr/wp-content/uploads/2016/09/Plaque-Solutions-FR-07.2016.web_.pdfIUCN France – Des Solutions fondées sur la Nature pour lutter contre les changements climatiques (2016, version anglaise) : https://uicn.fr/wp-content/uploads/2016/09/Plaque-Solutions-EN-07.2016.web1_.pdf</p>

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French Facility for Global Environment		<p>Restoration, conservation, and sustainable management of mangroves in Costa Rica and Benin in the face of climate change, Mangroves Initiative of the French Facility for Global Environment :</p> <p>The goal of this project is to establish a comprehensive ecological restoration programme, between 2017 and 2021, over an area of approximately 31 hectares at three sites in Costa Rica and 30 hectares in Benin, Africa. Restoration of the various sites will be based on technologies used in ecological restoration programmes in Mexico. It involves managing hydrological dynamics using hydrodynamic models and chemical analyses of pore water quality, and then reinstating vegetation cover using propagules of the Rhizophora, Laguncularia and Avicennia species.</p> <p>https://initiative-mangroves-ffem.com/en/costa-rica-benin-project/</p>	
French Facility for Global Environment		<p>The green belt of the metropolis of Guatemala, project funded by the French Facility for Global Environment : The project aims to reduce vulnerability to the effects of climate change and ensure the long-term environmental and socio-economic sustainability of the metropolis of Guatemala, through the establishment of planning and regional development instruments, and the implementation of management, protection and restoration actions for properties and natural spaces. The aim is to transform high-risk non-urbanizable areas into green infrastructure intended to maintain environmental services for reducing vulnerability and recharging aquifers for the benefit of the metropolis of Guatemala. The project was launched in 2016. It is coordinated by FUNDAECO (Foundation for Ecodevelopment and Conservation) in partnership with CONAP, INAB-PINFOR PINPEP, CODEDE, Municipalities, Communities and associations concerned, FUNDAECO, The Nature Conservancy (TNC), PCI, FCA - USAID, ALSTOM Foundation and a grant from the French Global Environment Fund. https://www.ffem.fr/fr/carte-des-projets/la-ceinture-verte-de-la-metropole-de-guatemala</p>	
French Observatory on the Effects of Global Warming			<p>ONERC's 2019 report Nature-based solutions to adapt to climate change: The report analyzes how nature can be a source of solutions for adaptation to climate change. In many situations, reducing the impacts of climate change involves flexible management of dunes, urban revegetation or the renaturation of river banks ... This multitude of solutions which rely on the ecological functioning of ecosystems has recently been grouped under the banner of a single concept: "Nature-based Solutions". Through the presentation of various case studies, but also an inventory of knowledge and know-how on Nature-based Solutions, and their current and potential integration into public policies, this report invites us to question the usual practices and this dominant vision of land use planning based solely on the use of classical engineering solutions called "gray solutions" (eg construction of dikes to fight against floods). Most often capable of reducing the impacts of climate change, resilient over time, and reversible, Nature-based Solutions have many advantages in terms of adaptation over gray solutions that deserve to be studied and exploited. This report therefore presents the main tools to strengthen the deployment of Adaptation Solutions based on Nature, as well as recommendations and avenues to explore to go further. https://www.ecologique-</p>

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			solidaire.gouv.fr/sites/default/files/ONERC_Rapport_2019_SfN_WEB.pdf
French Development Agency		<p>Adapt'ActionTo support countries in implementing their commitment to fostering a more resilient form of development, the French Development Agency has set up Adapt'Action, a tool with a budget of €30 million over 4 years (2017-2021). Through the use of vulnerability and feasibility studies, guidance in drafting national policy and action plans, as well as capacity-building actions, Adapt'Action provides a leverage effect to help these countries access international climate finance and accelerate their adaptation investment. In all its actions, Adapt'Action pays particular attention to climate vulnerabilities linked to gender, nature-based solutions, and the building of solutions together with its partners. It also makes sure its actions are in line with development trajectories that prioritize resilience.https://www.afd.fr/en/adaptaction</p>	
		<p>Horizon 2020 Project NAIAD - Nature Insurance value: Assessment and Demonstration With a total budget of € 5 millions for a period of 5 years, NAIAD aims to operationalise the insurance value of ecosystems to reduce the human and economic cost of risks associated with water (floods and drought) by developing and testing - with key insurers and municipalities - the concepts, tools, applications and instruments (business models) necessary for its mainstreaming. The project is based on 8 demonstration sites throughout Europe and the development of tools and methods applicable and transferable across all of Europe. NAIAD will contribute to providing a robust framework for assessing insurance value for ecosystem services through improved understanding of ecosystem functionality and its insurance value at a broad range of scales in both urban and rural context; making explicit the links between ecosystem values and social risk perception; and the application of developed methods and tools in water management by relevant stakeholders, especially businesses, public authorities and utilities. https://cordis.europa.eu/project/id/730497</p>	
		<p>INTERREG Project NSCiti2S - Nature Smart Cities across the 2 SeasWith a total budget of € 6 millions for a period of 5 years (2018-2022) and a cross border approach, NSCiti2S aims to enable local authorities around the Channel and the North Sea to use their own city finance to fund green infrastructure (GI) climate investment programmes, reducing and removing the reliance on subsidies to fund GI projects in cities and towns. GI climate investment programmes are considered as GI and eco-system based solutions that can be deployed to build climate resilience to flooding, drought and heat stress across an urban landscape and delivered on more than a one-off project.https://www.interreg2seas.eu/en/nsciti2s</p>	