

BIP

List of project qualification parameters

DRAFT

DEZEMBRO/2024



List of priority sectors and subsectors already defined by the Platform Steering Committee

/ NON-EXHAUSTIVE / INITIAL FOCUS / FOR DISCUSSION

[ECOLOGICAL TRANSFORMATION PLAN]

[CLIMATE PLAN]

NATURE-BASED SOLUTIONS & BIOECONOMY [PLANAVEG, PLANARES and ENBio]



INDUSTRY AND MOBILITY [NEW INDUSTRY BRAZIL]



ENERGY [NATIONAL PLAN OF ENERGY TRANSITION]



Sustainable fuels³

Recovery of native vegetation

Electric urban mobility

Resilient renewable systems for isolated areas

Sustainable management of native vegetation (including NTFPs)

Low-carbon hydrogen*

Agricultural bioinputs and green fertilizer

Technologies for resilient power grids
(including smart grids and storage)

Waste management

Low-carbon steel/aluminum

Offshore wind

Regenerative agriculture
(incl. agroforestry and conversion of degraded pastures)

Low-carbon cement

Energy efficiency
(initial focus on industrial processes)

Biotechnology

Strategic Minerals*

Non-exhaustive list. Individual projects will be assessed on the basis of parameters, including contribution to adaptation and resilience.

Note: (*) Terminology and criteria to be defined in future discussions; (1) The subsectors are listed in preliminary prioritization order, which will be finalized with the technical teams of the relevant ministries; (2) Does not include waste emissions, which represent 4% of total Brazilian emissions (0.1 B tCo₂). Source: SEEG; (3) Includes solutions such as SAF, biomethane, green diesel and others

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Green diesel, aligned with the NIB and <i>"Fuel of the Future Bill"</i> • SAF, aligned with the NIB and <i>"PL Fuel of the Future"</i> • Bionaphtha as a by-product of SAF/green diesel • Biomethane, as aligned with the <i>"Fuel of the Future Bill"</i> • Synthetic fuels, as mentioned in the "Fuel of the Future Bill" <ul style="list-style-type: none"> – Focus on: Biomass Synthetic Fuel and Direct Air Capture (DAC) – To be analyzed on a case-by-case basis: other methods of producing low-carbon hydrogen (e.g. H2 from electrolysis, H2 from biomethane) – Not included: Coal and natural gas • Second-generation ethanol <ul style="list-style-type: none"> – Focus on: Ethanol from agricultural residues (e.g., sugarcane bagasse, rice husks, and other biomass) – To be analyzed on a case-by-case basis: Ethanol from corn, wheat and other cereals, in case of intermediate crops • Other sustainable fuels from biorefineries (e.g. biobunker, bioLGP) may be evaluated on a case-by-case basis • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> • Estimated CO2eq avoided per year compared to fossil fuel • Proof that there has been no deforestation, if the project involves plantation areas or land for construction
Additional benefits	<ul style="list-style-type: none"> • In case of need for a planting area: Preservation of biodiversity; acres of restored land • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> Projects aimed at the production of electric buses and/or the promotion of electric bus fleets in Brazilian cities/municipalities/states covered by the MOVER Plan and/or PNMU Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> Passengers impacted per year Reduction of other local pollutants (NOx, PM, etc.)
Additional benefits	<ul style="list-style-type: none"> # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> Not applicable

Low-carbon hydrogen

SECTORS COVERED

Industry & Mobility

Energy

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be aligned with the PNH2 and the Hydrogen Legal Framework: <ul style="list-style-type: none"> – Low-carbon hydrogen: hydrogen fuel or industrial input collected or obtained from various production processes and which has GHG emissions, according to the life cycle analysis, with an initial value less than or equal to 7 kgCO₂eq/kgH₂; • Methanol and ammonia as a byproduct of low-carbon hydrogen • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> • Energy produced and stored in MWh • Estimated reduced kgCO₂eq/kgH₂ avoided if purpose used is declared
Additional benefits	<ul style="list-style-type: none"> • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<p>In line with the government's concept of "strategic minerals", prioritizing the minerals that contribute most directly to the climate transition:</p> <ul style="list-style-type: none"> • Complete value chain (including mining and processing): <ul style="list-style-type: none"> – Copper, cobalt, graphite, lithium, niobium, nickel, silicon, rare earth elements, and manganese; – Uranium and vanadium must be analyzed on a case-by-case basis; • Focus on processing projects only: Aluminum, analyzed on a case-by-case basis (does not include projects focused on bauxite mining) • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> • TBD
Additional benefits	<ul style="list-style-type: none"> • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.) • The project has clear sustainable extraction practices (e.g., decarbonization of the fleet, adoption of biodiversity preservation measures and application of IBAMA guidelines, use of sustainable energy, zero waste, increased efficiency/accuracy in extraction)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory) • Project certified by international certifiers in ESG transparency

Energy efficiency

(initial focus on industrial processes)

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> The projects must be analyzed on a case-by-case basis and aligned with the MME and MIDC until there is a formal definition by the government about the term Initial focus on energy-intensive industries Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> Estimate of reduced/avoided kgCO₂eq Total energy saved (KWh) compared to baseline
Additional benefits	<ul style="list-style-type: none"> # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)

Low-carbon steel/aluminum

SECTORS COVERED

Industry & Mobility

Energy

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> The definition of this subsector is not available in the NIB, so projects that fall into this subsector must follow the prioritization of ITA (Industrial Transition Accelerator Brazil) and MDIC: Aluminum <ul style="list-style-type: none"> Aluminum Smelting with Renewable Energy Aluminum Casting with Low Carbon Anodes Steel <ul style="list-style-type: none"> Direct reduced iron (DRI) production using clean H2 and/or electrification DRI production starting with natural gas with clear plans to transition to clean H2, CCU/S and/or electrification Iron making with CCU/S Self-reduction process Electrolysis process Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> Tons of low-emission material production Use of non-fossil energy sources for production
Additional benefits	<ul style="list-style-type: none"> # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> N/A

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> The definition of this subsector is not available in the NIB, so projects that fall into this subsector must follow the prioritization of ITA (Industrial Transition Accelerator Brazil) and MDIC: <ul style="list-style-type: none"> Cement production with CCUS Production of cement with supplementary cementitious materials (SCMs) Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> Tons of low-emission material production Use of non-fossil energy sources for production
Additional benefits	<ul style="list-style-type: none"> # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> N/A

Resilient renewable systems for isolated systems

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> The final version of the government's plan (PLANTE) has not yet been published. However, once the plan is published, it will guide the definitions and terminology that will be applied to the platform and the relevant projects that are seeking to submit to the platform's pipeline The platform will initially focus on projects aimed at transitioning from isolated systems that currently rely on fossil fuels to renewable energy sources <ul style="list-style-type: none"> Renewable energies/systems: solar, wind, hydro and/or storage systems Isolated systems: an area or region that is not connected to the main power grid ("SIN") Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> Estimate of reduced/avoided kgCO₂eq
Additional benefits	<ul style="list-style-type: none"> Total affected population, families and/or households # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)

Technologies for resilient power grids (including smart grids and storage)

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> The final version of the government's plan (PLANTE) has not yet been published. However, once the plan is published, it will guide the definitions and terminology that will be applied to the platform and the relevant projects that are seeking to submit to the platform pipeline For now, the projects must be analyzed on a case-by-case basis and aligned with the Ministry of Mines and Energy (MME). The initial focus should be on smart grids and storage systems Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> MWh reduced/avoided or energy efficiency gain, if declared
Additional benefits	<ul style="list-style-type: none"> # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> N/A

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> The final version of the government's plan (PLANTE) has not yet been published. For now, companies must fit into the offshore wind energy framework (PL 576/2021), once approved Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> Energy produced and stored in MWh Estimate of reduced/avoided kgCO₂eq
Additional benefits	<ul style="list-style-type: none"> # jobs created in Brazil (direct and indirect) Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)

Recovery of native vegetation

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be in accordance with the provisions of the laws that regulate land use, such as CF (12.651/2012), Federal Family and Community Forest Management Program (to be published), Public Forest Management Law (11.284/2006), and Action Plan for the Prevention and Control of Deforestation (PPCDs) • PROVEG Definitions (Decree 8.972/2017)/PLANAVEG: <ul style="list-style-type: none"> – Alignment with one or more Planaveg Implementation Arrangements, namely: Recovery of vegetation in public areas (Conservation Units, Indigenous Lands, Public Forests); Environmental Regularization of Rural Areas (Forest Code); restoration associated with economic purposes (agroforestry, silviculture of native species, etc.) – Alignment with priority recovery areas and models – Formal acceptance of the recovered areas to be computed towards the goal of 12 million, following PLANAVEG's monitoring protocol • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 10M
Positive climate impact	<ul style="list-style-type: none"> • Estimated CO2eq sequestration per year
Additional benefits	<ul style="list-style-type: none"> • Biodiversity conservation • Contribution to water security • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Promotion of the development of the RVN production chain • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory) • Project in the process of certification with international certifiers

Sustainable management of native vegetation (including NTFPs)

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be in accordance with the provisions of the laws that regulate land use, such as CF (12.651/2012), Federal Family and Community Forest Management Program (to be published), Public Forest Management Law (11.284/2006), and Action Plan for the Prevention and Control of Deforestation (PPCDs) • CF (12.651/2012), Federal Program for Family and Community Forest Management (to be published) Public Forest Management Law (11.284/2006) <ul style="list-style-type: none"> – (Community and Family) Federal Community and Family Forest Management Program. Concept of (MFCF): The execution of multiple-use forest management activities to obtain forest bioeconomy products, including logging, non-timber and environmental services, under the responsibility of indigenous peoples, traditional peoples and communities, and family farmers – (Business) Forest Code, art. 3, VII – sustainable management: management of natural vegetation to obtain economic, social and environmental benefits, respecting the mechanisms of support of the ecosystem object of management and considering, cumulatively or alternatively, the use of multiple timber species or not, multiple products and by-products of flora, as well as the use of other goods and services/concessions • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 10M
Positive climate impact	<ul style="list-style-type: none"> • Estimated avoided GHG emissions
Additional benefits	<ul style="list-style-type: none"> • Improved livelihoods (increased average income, improved health, etc.) • Tons of NTFPs production • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory) • Project in the process of certification with international certifiers

Agricultural bioinputs and green fertilizer

SECTORS COVERED

Nature-based solutions & Bioeconomy

Industry & Mobility

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be in accordance with the provisions of the laws that regulate land use, such as CF (12.651/2012), Federal Family and Community Forest Management Program (to be published), Public Forest Management Law (11.284/2006), and Action Plan for the Prevention and Control of Deforestation (PPCDs) • Definition of the National Bioinputs Program (Decree No. 10,375/2020): <ul style="list-style-type: none"> – A bioinput is considered to be a product, process or technology of plant, animal or microbial origin, intended for use in the production, storage and processing of agricultural products, aquatic production systems or planted forests, which positively interfere with the growth, development and response mechanism of animals, plants, microorganisms and derived substances and that interact with physical-chemical and biological products and processes. – Green Fertilizer: from biomethane and/or green hydrogen • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> • Tons of production
Additional benefits	<ul style="list-style-type: none"> • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be in accordance with the provisions of the laws that regulate land use, such as CF (12.651/2012), Federal Family and Community Forest Management Program (to be published), Public Forest Management Law (11.284/2006), and Action Plan for the Prevention and Control of Deforestation (PPCDs) • Encouraging recycling (e.g. recycling/composting facilities, projects within the industry to manufacture products with greater recyclability (e.g. ecodesign)) • Closure of dumps and establishment of landfills (e.g. recovery of biogas in landfills and anaerobic digestion and construction of new landfills) • Domestic sewage treatment (e.g. new structures aimed at decarbonizing the sector) • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 50M
Positive climate impact	<ul style="list-style-type: none"> • Diversion of organic waste from landfills and dumps, through composting and biodigestion initiatives of organic waste, • Diversion of dry waste from landfills and dumps, through recycling initiatives, • Reduction of methane emissions in final disposal units and sewage treatment plants, • Energy recovery or burning of biogas generated in landfills or sewage treatment plants.
Additional benefits	<ul style="list-style-type: none"> • Socio-productive inclusion of waste pickers in the recycling chain; • Promotion of agriculture (e.g. urban and peri-urban) from the flow of by-products from organic waste recovery activities; • Promotion of public health and quality of life through the closure of dumps. • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Planned investment in new recycling/composting facilities, projects within the industry to manufacture products with greater recyclability (e.g. ecodesign), recovery of biogas in landfills and anaerobic digestion and construction of new landfills
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory) • Project in the process of certification with international certifiers

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be in accordance with the provisions of the laws that regulate land use, such as CF (12.651/2012), Federal Family and Community Forest Management Program (to be published), Public Forest Management Law (11.284/2006), and Action Plan for the Prevention and Control of Deforestation (PPCDs) • Decree 11,815/2023, Conversion of degraded pasture - public policies aimed at converting degraded pastures into sustainable agricultural and forestry production systems, with a view to promoting good agricultural practices that lead to carbon capture at a higher level than degraded pasture. Concepts and guidelines available at the link • Comply with the definitions Article 2 of Decree 11,815/2023 (e.g. agroforestry, planted forest, improved pasture, ICLFS, etc.) • Minimum criteria: <ul style="list-style-type: none"> – Registration in the CAR; Compliance Law 12.651/2012; Regularity with the PRA (Decree 7.830/2012); Reduction of emissions in 10 years; No increase in emissions for land use change (10 years); Other MCR Seals • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 10M
Positive climate impact	<ul style="list-style-type: none"> • ha of APP and RL in environmental regularization • There are consolidated areas with sustainable practices
Additional benefits	<ul style="list-style-type: none"> • ha of surplus land from Legal Reserve • tons of sustainable production • # jobs created in Brazil (direct and indirect) • Development of local communities (education, infrastructure, etc.)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project in the process of certification with international certifiers

Parameters	Description: Requirements to meet each parameter in this subsector
Alignment with transition plans and government programs	<ul style="list-style-type: none"> • Be in accordance with the provisions of the laws that regulate land use, such as CF (12.651/2012), Federal Family and Community Forest Management Program (to be published), Public Forest Management Law (11.284/2006), and Action Plan for the Prevention and Control of Deforestation (PPCDs) • Projects registered on the platform that include research, technological development, generation of finished products from biotechnology, as the case may be, must be registered, notified and the resulting economic exploitation divided fairly and equitably, under the terms of Law No. 13,123/2015, with a view to implementing the National Benefit Sharing Program. • Minimum criteria: Biotechnological research and development registered in SisGen; notified finished product and reproductive material; and fair and equitable sharing of benefits carried out under the terms of the Law. • Definitions according to Law 13,123/2015, which internalizes the concepts of the Convention on Biological Diversity – CBD (1992) and creates the National Benefit Sharing Program: <ul style="list-style-type: none"> – Biotechnology means any technological application that uses biological systems, living organisms, or their derivatives, to manufacture or modify products or processes for specific use – Genetic heritage - information on the genetic origin of plant, animal, microbial or other species, including substances from the metabolism of these living beings; – User - natural or legal person who accesses genetic heritage or associated traditional knowledge or economically exploits finished product or reproductive material arising from access to genetic heritage or associated traditional knowledge; – Finished product - product whose nature does not require any type of additional production process, arising from access to genetic heritage or associated traditional knowledge, in which the component of genetic heritage or associated traditional knowledge is one of the main elements of adding value to the product, being able to be used by the final consumer, whether an individual or a legal entity; – Product notification - declaratory instrument that precedes the beginning of the activity of economic exploitation of finished product or reproductive material arising from access to genetic heritage or associated traditional knowledge, in which the user declares compliance with the requirements of this Law and indicates the type of benefit sharing, when applicable, to be established in the benefit sharing agreement; • Minimum participation of genetic heritage per project to be discussed on a case-by-case basis • Adapt to at least 1 of the pillars of the PTE: Sustainable Finance, Technological Densification, Bioeconomy and Agri-Food Systems and/or Energy Transition
Significant amount of capital mobilized	<ul style="list-style-type: none"> • Minimum of US\$ 10M

Parameters	Description: Requirements to meet each parameter in this subsector
Positive climate impact	<ul style="list-style-type: none"> • Estimated avoided GHG emissions per avoided deforestation • Estimated sequestration of CO₂eq per year by restoration of native vegetation with specific purposes for the use of species for biotechnological use • Research and/or development of processes/products based on the Brazilian genetic heritage that will lead to a reduction in the use of fossils/emissions (e.g. biofuels, biopolymers)
Additional benefits	<ul style="list-style-type: none"> • Improved livelihoods (increased average income, improved health, etc.) • Benefit-sharing for the National Benefit-Sharing Program with the purpose of promoting the implementation and development of activities related to the sustainable use of biological diversity, its conservation and benefit-sharing • Adoption of measures to minimize or, if possible, eliminate threats to genetic heritage (including those resulting from climate change) • # jobs created in Brazil (direct and indirect)
Technological densification	<ul style="list-style-type: none"> • Expected investment in technologies that are new/underdeveloped in Brazil • Expected number of patents to be filed
Alignment with climate frameworks	<ul style="list-style-type: none"> • Project aligned with EU, US and/or Asian taxonomy and/or regulations (self-declaratory)



BIP

Brazil Climate & **Ecological**
Transformation Investment Platform

