

UNIDO (Bilateral Report)

Partnership for Action on Green Economy Trust Fund (PAGE)

REPORTING PERIOD: 1 January – 31 December 2021

1) Project Title: UNIDO – PAGE Workplan (ODA Countries and Global Activities)

⇒ **MPTF Project Number: 105893**

UNIDO - GLOBAL LEVEL

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the (national)and <u>global</u> level</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	<p>Impact of COVID 19 on green enterprises</p> <p>UNIDO, in cooperation with ILO, launched a global study in September 2021 called, “Impact of COVID 19 on green enterprises: Policy guidance towards inclusive, resilient, and sustainable recovery,” focusing on India, Ghana, and Uruguay. The study investigates the impact of COVID 19 on green SMEs, to what extent it hinders SMEs from implementing SDGs, and what would be a sustainable mechanism for SMEs to recover and transform. The study also identifies the new business opportunities and jobs that stem from the pandemic. The findings of the analysis will craft recommended policy guidance for enterprises, financial institutions, international organizations, and national government.</p> <p>A review of the literature was done to understand the impact of the COVID-19 pandemic on MSMEs and jobs across the world. A comprehensive questionnaire was prepared for the Green MSMEs based on a detailed literature review. In January, a survey questionnaire was sent to 900 SMEs in three countries to capture their challenges, impact on their operations and employees, mechanisms adopted to deal with the pandemic, and support received from the government. Stakeholders from the business chambers and associations, Government bodies, non-government</p>

	organizations, civil society organizations, banking institutions, and funding agencies have been identified to conduct focused group discussions in February 2022.
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Outcome 4 - Countries have improved their knowledge base for advancing IGE

Key achievements in 2021	<p>A briefing session for European Commission officials on the activities of PAGE and its contribution toward green economy transition.</p> <p>In 2021, UNIDO commenced the preparation to organize a high-level event, "Joining forces for green recovery, green deal and economic transition: an exchange between EU and UN PAGE", for selected participants from the European Commission, Representatives from EU Member, EU institutes. The set-up of the workshop would be an opening by PAGE representatives, technical exchanges between the participants and PAGE representatives, and three deep-dive sessions on Asia, Africa, Latin America and the Caribbean. The aim is to advocate with the EU and other potential donors for upscaling PAGE.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - MONGOLIA

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	In Mongolia, PAGE is developing a technical study to assess how to reform energy subsidies through the rationalization of tariffs to support renewable energy development in Mongolia. To join forces, UNIDO has laid the groundwork in 2021 through background assessment and stakeholder consultations for a study that explores opportunities for the agribusiness sector in Dundgovi province through expanding renewable energy deployment from solar and wind, creating green jobs, and reducing emissions. The Dundgovi, a province of Mongolia in the middle segment of the Gobi Desert, is chosen because of its potential for renewable and connectivity to the Asian Super Grid. The province's economy is highly dependent on agro-business; hence, the study will identify how the agribusiness sector food (meat, dairy, vegetable) and non-food (wool, cashmere, leather) sub-sectors can benefit from renewable deployment. Bilateral consultations were conducted with the Ministry of Energy, Ministry of Environment and Tourism, Ministry of Food, Agriculture and Light Industry of Mongolia, National Center for Renewable Energy, and Mongolia renewable energy association to collect the input and streamline the scope of the study.
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - PERU

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

**Key achievements
in 2021**

N/A

Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

**Key achievements
in 2021**

N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

**Key achievements
in 2021**

N/A

UNIDO - SENEGAL

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	
Key Achievements 2021 (Add. Support for Green Recovery)	

Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - GHANA

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - MAURITIUS

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

<p>Key achievements in 2021</p>	<p>In 2021, UNIDO completed the study "Industrial Waste Management - Cost Structure Review" (IWMC-SR) as a follow up on the recommendations of the Industrial Waste Assessment (IWA) report carried out by PAGE in Mauritius in 2017 with the collaboration of the Industry Division of the then Ministry of Industry, Commerce & Consumer Protection, UNIDO and Business Mauritius. The IWMC-SR provides for the very first time a <i>scheme of the phases that form the SWM system in Mauritius</i>, which summarises the whole waste flow currently in operation in the island of Mauritius for the management of municipal solid waste and industrial waste. The study further provides an accurate estimate of the cost of industrial waste management in Mauritius and the hidden cost of industrial waste management borne by the state. The study also examined the regulatory framework of industrial solid waste management. From the findings of the study, comprehensive recommendations were provided to the private sector, recyclers and policymakers for a better and cost-effective management of the Industrial Waste Management system. A virtual validation meeting was held on 6 December 2021 organised by UNIDO and chaired by the Ministry of Industrial Development, to disseminate the findings and receive feedback from the national Project Steering Committee (PSC), co-chaired by the Ministry of Industrial Development, SMEs & Cooperatives (MoI) and Business Mauritius (BM). The study is currently in its final stages of editing with UNIDO to be published in Q2, 2022.</p>
<p>Key Achievements 2021 (Add. Support for Green Recovery)</p>	<p>With green recovery support from the Partnership for Action on Green Economy (PAGE), UNIDO, in collaboration with the Ministry of Agro and Food and Agricultural Research and Extension Institute (FAREI), launched the study, "Creating an enabling environment and incentives to boost sustainable agro-processing industry including high growth potential SMEs in Mauritius" in June of 2021. The principal objective of the study is to provide technical support on the formulation, implementation, and coordination of financial, regulatory, and environmental policy to boost the sustainable agro-processing industry. Within the scope of this study, avenues of incentives other than taxes would be identified. These incentives are expected to target the support of technological advancement and innovation in the agro-processing industry. The study would focus on the impact of COVID 19 on MSMEs in the agro processing sector with key emphasis on farmers in the value chain. A sustainable economic recovery plan will be proposed that is expected to incorporate the farm to fork strategy. A review of the literature has been carried out to understand the impact of the COVID-19 pandemic on MSMEs and jobs across the agro sector. A comprehensive questionnaire was drafted for the MSMEs based on the detailed literature review. The draft questionnaires were reviewed by UNIDO and are currently being finalised with the Ministry of Agro and FAREI. The findings from the survey would be discussed with funding agencies and policy makers, during organised workshops. These workshops would provide a platform for dialogue between consultants and the funding agencies and policy</p>

	makers to identify possible solutions or better strategies for Agro SMEs, especially the growers.
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Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - BURKINA FASO

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	<p>UNIDO and the Ministry of Environment, Green Economy and Climate Change held discussions to define the scope of work during 2021. The terms of reference are being developed and the following activities will be carried out in 2022:</p> <ul style="list-style-type: none"> - Impact assessment of the COVID-19 pandemic on businesses in the tourism sector and update the National Strategy of Sustainable Tourism; - Study on resource efficiency and waste management guidelines for businesses in Burkina Faso.

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - JIANGSU PROVINCE, CHINA

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	N/A
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Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
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Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
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UNIDO - SOUTH AFRICA

<i>Outcome 1 - Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>Unlocking Demand for Biomaterials in South Africa</p> <p>In 2021, UNIDO completed the study "Unlocking Demand for Biomaterials in South Africa" as a follow-up to the action plan and implementation strategy for Biomaterials in South Africa in 2018. The study was commissioned with the request of the Department of Forestry, Fisheries and the Environment, and the Department of Science and Innovation, South Africa, to identify the existing and potential markets and associated marketing strategies, which are critical in driving biomaterials' growth in South Africa. The study also examines five policy options to stimulate demand for bioplastics, including bans and quotas on traditional plastics, taxes or levies on traditional plastics, the use of standards and labels to indicate sustainability, green procurement, and social awareness. A virtual validation workshop was held on 2 February 2021 to disseminate the findings and receive feedback from stakeholders. 133 participants from various ministries, including the Department of Economic Development and Tourism Mpumalanga, Department of trade and industry Department of Public Enterprises, think tanks like Council for Scientific and Industrial Research (CSIR-South Africa), companies, and representatives from the UN agencies and diplomatic mission joined the workshop.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - MATO GROSSO STATE, BRAZIL

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>Sustainable Management Plan for land use and occupation of the Historic Centre of Cuiabá. In collaboration with the Civil House State Secretary in Mato Grosso, UNIDO under PAGE conducted a comprehensive assessment for the sustainable management of the Historic Centre of Cuiaba. The aim of this study was to explore the ways of sustainable management of Historic Centre with particular focus on the preservation and to introduce a Land Use and Urban mobility Plan focused on the conservation of the Centre. The Plan includes recommendations and policy measures for resource efficiency and raise awareness on sustainability, natural resources, cultural heritage preservation, and local economic development. The plan was finalized in October 2021.</p> <p>Industrial Policy Strategy for the Forestry-based Industry UNIDO and the Federation of Industries in Mato Grosso are jointly developing an Industrial Policy Strategy for the forestry-based industry to review and improve the efficiency of relevant value chains, e.g., firewood, sawn timber, charcoal, cellulose and paper, and propose policy recommendations. In March 2021, a workshop followed with relevant stakeholders of the private sector, the Secretariat for the Environment of the State of Mato Grosso and the wood association to discuss policies and priorities for the forest sector. Building on this, UNIDO is conducting further evidence-based research to determine the costs and benefits of new industry standards, and identify priorities and development strategies to encourage innovation and business sustainability in the industry.</p> <p>Greening the supply chain of export-oriented livestock farming products UNIDO, together with the Mato Grosso Meat Institute (IMAC), is supporting the development of national policy guidelines to promote the greening of export-oriented livestock farming product supply chains. In May 2021, UNIDO commenced the analysis and identification of production systems and technologies that can be used for livestock production, as well as practices and policy recommendations for the restoration of degraded rangelands and reforestation in production chains. With the support of the Mato Grosso Meat Institute, a survey of producers in the state on sustainable livestock production has also been carried out, along with other assessments of the current situation.</p>

	These will be incorporated into the development of guidance documents, which will be disseminated through training.
Key Achievements 2021 (Add. Support for Green Recovery)	<p>Building an Observatory for Information on Green Jobs</p> <p>In cooperation with the Mato Grosso State Secretariat for the Environment, UNIDO is developing a proposal for an Observatory of Green Jobs within the framework of the Produce, Conserve and Include (PCI) Provincial Strategy. The Observatory will serve as an important monitoring tool to produce more transparent and publicly available information on qualified labour, future skills profiles in workforce projections, and consultation and dialogue mechanisms with all relevant stakeholders in the sector. It will also aim to provide the mapping of labour market needs and enable their integration at local level.</p> <p>The study will also aim to provide policy recommendations to support the creation/maintenance of green employment in all sectors.</p>

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - KYRGYZ REPUBLIC

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>National Industrial Resource Efficiency Policy</p> <p>In the Kyrgyz Republic, UNIDO is working with the Ministry of Energy and Industry to develop a National Industrial Resource Efficiency Policy to promote climate-friendly industrial development. The activity was kicked off on 24 August 2021 with the meetings with the counterpart Ministry of Industry. On 16 December 2021, a stakeholder consultation meeting was organized with representatives from the Ministry of Economy, Ministry of Industry, representatives from cement and metal industries, and other stakeholders to populate the policy development work, collect input and disseminate survey questionnaire to the stakeholders. A detailed survey was conducted with 15 selected resource intensive industries and, a team of international and national experts visited five industrial plants to conduct an in-depth assessment of the status of industries toward resource efficiency and cleaner production practices, and opportunities for resource savings. In addition, the team plans to conduct interviews with the relevant policy expert to design the policy layout. Based on the collected data and analysis, UNIDO will draft a national industrial resource efficiency policy for the adoption of the government.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	.
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - GUYANA

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	<p>Since the new Guyanese government came into office in August 2020, the UNCT and PAGE have experienced difficulties engaging with the government. The PAGE programme has been on hold and is expected to be adjusted to new priorities. The current administration reviewed all UN country team programmes and requested a single, consolidated UN work programme for Guyana instead of multiple, smaller programmes run by individual agencies. PAGE Agencies engaged with the UNCT and supported the development of the Country Implementation Programme (CIP).</p> <p>During 2021, UNIDO and PAGE agencies realigned previous workstreams and developed a joint work programme for 2021-2022 (yet to be submitted) to be delivered through the UNCT.</p>
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Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
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Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
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UNIDO - ARGENTINA

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>Promotion of Circular Economy in Argentina.</p> <p>UNIDO, under PAGE, has supported since its inception the development of a circular economy as a key component of a green economy transition. The immediate focus was the establishment of a “Sustainable Production Board” in 2020 and the following Studies that were jointly completed by UNIDO and the Ministry of Productive Development in 2021:</p> <ol style="list-style-type: none"> 1) Circular Economy National Plan Study; 2) Fiscal Impact Study of the implementation of the Circular Economy National Plan; 3) Technical feasibility study for a National Circular Economy Registry (Digital System). <p>The studies are an integral part of the National Green Productive Development Plan to align the country’s production with the global climate agenda. The objective of the Plan is to incorporate environmental sustainability concerns (e.g., recycling and recovery rates achieved for different waste streams) in policies of the productive sectors.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	UNIDO began to support the development of a roadmap for the generation of power from the sugarcane industry in the North-West region of Argentina. The aim is to understand relevant aspects of the sugar and energy chain within the context of circular economy, the role of bioethanol in the decarbonization process of Argentina's energy matrix and the economic benefits of greening the sector and reuse of waste throughout the chain. In December 2021, UNIDO started a bidding process to receive proposals for the design of this Roadmap.

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - INDONESIA

<i>Outcome 1 - Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>Resource efficiency scoping assessment in Fertilizer Study</p> <p>In collaboration with the Ministry of National Development Planning (BAPPENAS) Indonesia, UNIDO under PAGE is conducting a resource efficiency scoping assessment on the fertilizer sector for identifying opportunities for resource savings, emission reductions, and creation of green jobs to foster the implementation of the government's low carbon development initiative (LCDI). On 31 August 2021, a focus group discussion was organized with the participation of 36 representatives from ministries, private sector, and fertilizer industries to disseminate information regarding RECP approaches and planned studies in the fertilizer industry and identify industries that will participate in the assessment. In addition, several working meetings were organized with the BAPPENAS, the Directorate of Energy Conservation, Ministry of Energy and Mineral Resources (EDSM), the Directorate of Upstream Chemical Industry, and Center for Green Industry, Ministry of Industry to share the study plan, survey results and findings from the draft report. A questionnaire survey was conducted with 5 fertilizer plants, and an in-depth study was conducted on 3 plants to find resource saving potentials and show ways to improve resource efficiency and cleaner production status of the industries. A draft report of the fertilizer plant resource consumption profile, assessment findings, and recommended measures for implementation has been prepared by the Indonesia Cleaner Production Centre and shared with relevant ministries for feedback. Based on the analysis of fertilizer study and upcoming study on Cement Industries, policy guidance will be produced for large industrial plants.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO- INDIA

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	<p>Green Manufacturing: Shaping India’s Inclusive and Green Economy: mobilizing change in select manufacturing sectors</p> <p>UNIDO in cooperation with ILO, initiated a study, deepening the green economy stocktaking, with analysis focused on select manufacturing sub-sectors in India. The study aims to appraise key macro drivers for growth of the economy and employment creation in India and map high impact opportunities to initiate the transition towards inclusive, green growth. The first draft report of the study ‘Shaping India’s Inclusive and Green Economy: Mobilizing Green Transformation in Select MSME Manufacturing Sectors’ was prepared by the Confederation of Indian Industry (CII), and stakeholder consultations were held with representatives from industry associations, think tanks, research organizations, civil society, PAGE agencies and government partners. Based on the CII study and consultations held in 2020, the textile and garment sectors were identified, for further analysis. A meeting was held between ILO and UNIDO on 5 May 2021, to discuss further strengthening of the report submitted by CII and to plan next steps.</p>
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Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
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Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
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UNIDO - Kazakhstan

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>National Project "Zhasyl Kazakhstan" (Green Kazakhstan)</p> <p>As part of a joint effort of UNIDO, UNDP, and UNEP under PAGE to develop the National Project "Zhasyl Kazakhstan" (Green Kazakhstan) spearheaded by the Ministry of Ecology, Geology and Natural Resources of Kazakhstan, UNIDO developed an action plan for the Industrial waste section of the Green Kazakhstan programme. The action plan outlines key objectives, a vision, tasks, results indicators, challenges, required resources, and responsible authorities for implementing the programme. For developing the programme, eight working group meetings were held with the Ministry to discuss the content and design of the National project. In September 2021, two seminars were organized on Industrial waste in Kostanay and Karaganda industrial region to share the best approaches in industrial waste management and identify indicators for industrial waste management to be included in the national programme. A total of 48 participants from industries, regional governments, NGOs, and academia joined the two seminars. On 9 October 2021, the government officially approved the national project Zhasyl Kazakhstan (Green Kazakhstan) for implementation.</p> <p>Promotion of green SMEs</p> <p>In cooperation with the Ministry of Ecology, Geology, and Natural Resources of the Republic of Kazakhstan (MEGNR) and the Pavlodar Regional Government, UNIDO initiated a pilot initiative in February 2021 on energy efficiency in buildings. This initiative focuses on using an emissions payment fund for subsidizing green SMEs in the form of Interest rate subsidies on bank loans and producing guidelines on the efficient use of the emission payments fund.</p> <p>This initiative's main objective is to promote green business and create green employment by increasing the efficiency of the use of emissions payments in reducing negative environmental impacts, creating favorable conditions for the implementation of "green" projects by SMEs, and providing financial assistance, for example, Interest rate subsidies on bank loans from government emissions payment funds. As preparatory work, the UNIDO expert team held meetings with various government departments, including the Entrepreneurship, Environment, Budget Planning, Finance, Housing and Utilities, Energy, and the "Damu" Fund to design the piloting scheme. Several meetings were held with</p>

	the high-level representatives and all departments of the Pavlodar region to populate the concept, take input and finalize the pilot. In response to UNIDO's letter, the Damu Fund (Entrepreneurship Development Fund) announced its interest in participating in the initiative as a co-investor. A regional program outlining key definitions, objectives, actors and directions, has been developed and submitted to the regional government for review. This includes the procedure for the end borrower to receive financial support under the program and for the provision of concessional loans for the projects presented by SMEs..
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - Guatemala

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	N/A
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Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
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Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
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UNIDO - Morocco

Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.

Key achievements in 2021	<p>As part of the PAGE inception and green recovery work, UNIDO in collaboration with the Ministry of Industry and Trade designed the study 'Green Economy Policy Scoping Report of Morocco' and launched the bidding process. The study designed was developed based on three PAGE activities: i. Policy analysis to support the country recovery response to the COVID-19 situation ii. A comprehensive evaluation of fundraising for green recovery, and iii. an assessment of ongoing recovery plans with national and international green and sustainability objectives in the industrial sector. These three activities were consolidated into one due to its inter-linkage, synergy and optimization of resources.</p> <p>Following the 2021 elections, the green economy portfolio transitioned from the Ministry of Industry and Commerce to the newly formed Ministry of Energy Transition and Sustainable Development. With the designation of the new focal point in December 2021, work resumed, with the establishment and subsequent first meeting of the PAGE steering committee for Morocco, which took place on the 18th of February 2022.</p> <p>As part of the PAGE inception work, UNIDO-UNDP jointly started in October 2021 the development of a communication strategy and communication plan for PAGE programme in Morocco based on the request of the government. UNIDO employed a communication consultant who is currently developing the communication plan for Morocco drawing on the communication strategy of the other 19 PAGE countries. On the other hand, UNDP is searching for a communication firm that will develop specific communication products aligned with the PAGE communication strategy.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	Please see above

Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO - Thailand

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	<p>Green Economy Policy Scoping Report of Thailand</p> <p>On behalf of UNIDO, the Thailand Development Research Institute (TDRI), as the key national partner, is conducting a Green Economy Stocktaking Study to identify major gaps for a green economic transformation and entry points for the PAGE programme in Thailand. The study explores different thematic areas, including green jobs, the Bio-Circular-Green economic model (BCG model), energy, finance, digitalization, and capacity development for a green economy. Two virtual workshops were organized in September 2021 and in January 2022, inviting representatives from PAGE, government, UN, and research institutes to share the findings and receive feedback. A draft report was circulated in December 2021 to the stakeholders for written feedback. The stocktaking identifies several priority interventions for PAGE in Thailand: policy restructuring for decarbonization, technology, and innovation for Bio-Circular and Green economy, waste management, sustainable finance, capacity building, and revision of regulations. With the PAGE Economic Policy Advisory Group (PEPAG) support, a chapter on sustainable finance has been added to the green economy stocktaking to inform and guide PAGE interventions in this area.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	<p>Evaluating the impact of national recovery projects</p> <p>As part of the PAGE green recovery work, UNIDO and UNDP are jointly working with the National Institute of Development Administration (NIDA), Thailand, in evaluating the impacts of the Thailand government's 400-Billion-Baht Economic and Social Rehabilitation Fund package on Sustainable Development Goals (SDGs), Nationally Determined Contributions (NDCs), and other global sustainability frameworks. UNIDO and UNDP have developed the study design, including the data collection strategy, research methodology, and models, to draw a better insight and have identified six projects to be evaluated. In 2021, UNIDO initiated the evaluation by developing evaluation criteria for six selected government projects. The criteria involve economic, social, and environmental dimensions and linkage to SDG and NDC targets. In 2022, the NIDA will evaluate the selected projects and develop policy strategies to make the future government's economic recovery packages green.</p>

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the national and (global) level.

Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

2) Project Title: UNIDO – PAGE Workplan (NON-ODA Countries)

⇒ MPTF Project Number: 108027

UNIDO - BARBADOS

<i>Outcome 1- Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	Assessment of the day-boat fishery sector In 2021, in collaboration with the Ministry of Environment, UNIDO elaborated the terms of reference to undertake an assessment of the day boat fishery sector to identify climate-resilient livelihood development opportunities and investment needs for its future development. The study will include an analysis of the various elements of the Barbados dayboat fishery to outline climate-resilient policy reforms, technology and investment needs. It will also identify resource mobilization options to support the transition to a more climate resilient dayboat boat fishery. Recruitment of a consultant to complete the activity is ongoing.
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i>	
Key achievements in 2021	N/A
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

UNIDO-URUGUAY

<i>Outcome 1 - Countries have reinforced and integrated inclusive green economy (IGE) goals targets into SDG aligned national economic and development planning through multi-stakeholder collaboration.</i>	
Key achievements in 2021	<p>National Strategy for Circular Economy</p> <p>As part of the inter-institutional consensus achieved among the Ministry of Industry, Mining and Energy (MIEM)) and the Ministry of Environment in 2021, UNIDO will design and validate the National Strategy for Circular Economy, which is considered as a step towards the institutionalization of circular economy as a national policy. The Strategy will promote a new economic development model that includes the continuous valorization of resources, the closure of material, water and energy cycles, the creation of new business models, the promotion of industrial symbiosis and the consolidation of sustainable cities in order to optimize efficiency in the production and consumption of materials and reduce the water and carbon footprint. Based on the priorities and goals specified by the MIEM, the National Strategy for Circular Economy will emphasize certain lines of action agreed upon and articulated with the different Ministries. These lines of action will involve: (i) Industrial materials and products; (ii) Container and packaging materials; (iii) Optimization and use of biomass; (iv) Water cycle, (v) Sources and use of energy; (vi) Management of materials in urban centers, among others.</p>
Key Achievements 2021 (Add. Support for Green Recovery)	N/A

<i>Outcome 2 - Countries are implementing evidence based sectoral and thematic reforms in line with national IGE priorities.</i>	
Key achievements in 2021	<p>Uruguay Circular Award 2021 (Third Edition)</p> <p>In 2021, PAGE supported the third edition of the Uruguay Circular, with Award recipients announced in a ceremony held on 27 October. The initiative is a collaboration between PAGE Uruguay, the Ministry of Industry, Energy and Mining (MIEM), the National Development Agency (ANDE) and UNIDO. The Award aims to recognize companies, entrepreneurs, cooperatives, communities, educational institutions and other organizations that implemented actions promoting the country's transformation towards a circular economy and helps to make this work known at an international level.</p> <p>Winners were recognized in six different categories (large companies, MSMEs, entrepreneurs, cooperatives and other associations, communities, and educational institutions) as contributing to the country's transition to a circular economy through various initiatives — for example, by creating new products from recycled concrete, developing clean waste management plans for companies and institutions, and reducing polluting produced during leather finishing processes.</p> <p>The awards event was attended by the Vice-President of the Republic; the Undersecretary of MIEM; the President of ANDE; and the Representative of UNIDO for Uruguay, Argentina, Chile and Paraguay.</p>

<p>Key Achievements 2021 (Add. Support for Green Recovery)</p>	<p>Innovation and Research Fund for the Circular Economy</p> <p>The National Agency for Research and Innovation (ANII), IDB Lab and PAGE, together with the MIEM and UNIDO, are jointly implementing a ‘Research and Innovation Fund for the Circular Economy’. The objective is to foster research and innovation capacities, focusing on the implementation of the principles of the circular economy, thus enabling the economic reactivation and resilience of enterprises.</p> <p>A call for proposals to access funds was launched in November 2021 and will be closing in February 2022. The projects seeking funds must be framed within one of the following themes: a) Development of innovations that enable greater circularity in production processes and/or business models in all production sectors and b) Support for the development of innovative solutions in the food value chain, generating resilience capacities with the aim of improving the efficiency of processes and reducing the environmental impact.</p> <p>Private sector organizations and companies of all sizes, based in the country, may be beneficiaries of this fund. The enterprises include cooperatives producing goods and services whose output is destined for the market. The support will consist of non-refundable financial contributions to the project budget to deliver planned activities and milestones.</p>
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<p><i>Outcome 3 - Individual, institutional and planning capacities for IGE action strengthened at the <u>national</u> and (global) level.</i></p>	
<p>Key achievements in 2021</p>	<p>Building Inclusive and Green Economy capacity at the local level</p> <p>During the months of September and October 2021, the course "Promoting Green and Inclusive Economy at the local level" was carried out for technical teams of subnational governments. The course consisted of a series of virtual meetings and three face-to-face sessions covering sustainable finance, sustainable public procurement, mobility, circular economy and green economy. The teams from the municipalities were supported through technical assistance in the development of inclusive green economy project profiles.</p> <p>The course began with a virtual stage in September and subsequently included a series of face-to-face meetings in three departments, Paysandú, Durazno and Lavalleja. In the face-to-face meetings, UNIDO provided technical expertise to address conceptual aspects of the green and inclusive economy and circular economy, with concrete examples at the subnational level and the challenges for environmental management.</p>
<p>Key Achievements 2021 (Add. Support for Green Recovery)</p>	<p>N/A</p>