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Green approaches to COVID-19 recovery: Policy note for parliamentarians

Background

*"The impact of the coronavirus is both immediate and dreadful. But there is another deep emergency – the planet's unfolding environmental crisis. Biodiversity is in steep decline. Climate disruption is approaching a point of no return... The current crisis is an unprecedented wake-up call. We need to turn the recovery into a real opportunity to do things right for the future."*¹

United Nations Secretary-General, António Guterres

*"The path towards carbon reduction must form an important part of our future strategy in order to build more resilient societies, by transitioning towards a climate-neutral economy, protecting biodiversity and transforming the agro-food industry. This has the potential to rapidly deliver jobs and growth and improve the way of life of all citizens everywhere."*²

Declaration, Fifth World Conference of Speakers of Parliament

The consequences of COVID-19 and efforts to contain it have led to one of the most serious recessions in recent history, characterized by, among others, a decline in economic growth, decreased trade, low business revenues and massive layoffs. Projections indicate that, in the next two years, the global economy is expected to lose nearly US\$ 8.5 trillion in economic output due to the pandemic.³ Understandably, the immediate focus for governments is economic recovery.

There is a link between habitat loss, environmental degradation and climate change on the one hand and, on the other, the emergence of novel zoonotic diseases that are transmitted between animals and humans, such as coronaviruses.⁴ This link calls for a sound environmental response to the pandemic.⁵ For the economic recovery to be effective and long lasting, it will need to reflect coherently all dimensions of sustainable development, including the environmental pillar. It will also need to address its effects on the most vulnerable, including women, children, persons with disabilities and marginalized communities.

There is an urgent need for a socially inclusive COVID-19 recovery that is in line with climate action and environmental protection.

Parliamentarians are key players in the immediate and long-term recovery efforts, given their power to enact laws and oversee government policy.⁶ While legislation and

¹ www.un.org/press/en/2020/sgsm20051.doc.htm

² www.ipu.org/event/fifth-world-conference-speakers-parliament#event-sub-page-22190/

³ www.un.org/development/desa/en/news/policy/wesp-mid-2020-report.html

⁴ UN Environment Programme, Preventing the Next Pandemic: Zoonotic diseases and how to break the chain of transmission (2020): www.unenvironment.org/resources/report/preventing-future-zoonotic-disease-outbreaks-protecting-environment-animals-and, p. 15–17 and 29.

⁵ www.unenvironment.org/news-and-stories/statement/unep-statement-covid-19

⁶ More information on what role parliaments can play during the pandemic: http://parlAmericas.org/uploads/documents/COVID19_and_Role_of_Parliaments_ENG.pdf

policy-making are key drivers for economic recovery, they are also important factors for addressing the environmental impacts related to COVID-19. Legislative measures taken now will have long-term effects on the planet's future.⁷ Therefore, parliamentarians have a critical role to play in ensuring economic recovery efforts are in line with environmental and development goals, and in seizing the opportunity to “build back better”.

This policy note sets out some of the key approaches that parliamentarians may wish to consider in promoting a sustainable and green recovery that will: help build more resilient economies; contribute to meeting countries' international commitments under the Paris Agreement and the 2030 Agenda for Sustainable Development; and build momentum towards a strong post-2020 global biodiversity framework.⁸

The note highlights only some of the important considerations in legislating for COVID-19 recovery, and links to further resources are provided.⁹ While each country may have its own unique circumstances and considerations, innovative legislative responses can be inspirational, and can help drive a sustainable global economic recovery. Parliamentarians are encouraged to examine examples on the UNEP and IPU websites, and to share with press@ipu.org examples of their national legislative response as it develops, in order to foster the sharing of lessons learned.

Green economy approaches

The core elements of a green economy are low-carbon development, resource efficiency and social inclusion.¹⁰ This economic model recognizes natural capital as a key economic asset,¹¹ and seeks to drastically reduce waste and limit the resources and energy that go into consumption and production.¹² An inclusive green economy reduces, reuses and recycles goods. It invests in renewable energy and public goods that promote communal use. And it implements policies that internalize and ensure both the equitable use of environmental resources¹³ and the promotion of economic activities that preserve biodiversity.¹⁴ Green economic policies and laws are vital to transitioning into economic sectors that ultimately build a resilient economy.¹⁵ These policies and laws may include ending fossil fuel subsidies, enforcing the *polluter pays* principle, supporting green jobs, and including green conditionalities in fiscal recovery policies.

Countries' COVID-19 economic stimulus packages present an opportunity to promote a green economy. However, most of these packages are not based on a green model. For instance, according to a survey by Oxford University's Smith School of Enterprise and the Environment in April 2020, only 4 per cent of G20 COVID-19 fiscal emergency policies were green.¹⁶ Since such packages require legislative approval, parliamentarians have the unique opportunity to promote national economy plans that harmonize economic and environmental policies.¹⁷ Several green approaches are illustrated below.

1. Green infrastructure

Green infrastructure involves strategically planning a network of natural and seminatural areas and solutions that can deliver a wide range of ecosystem services, such as water purification and retention, flood alleviation, air quality improvement, reduced energy use, space for recreation, and climate mitigation and adaptation. It can improve environmental conditions, and the health and quality of life of a population.¹⁸ It also helps create jobs and business opportunities, and promotes sustainable development.¹⁹ Parliaments can

7 www.who.int/news-room/feature-stories/detail/who-manifesto-for-a-healthy-recovery-from-covid-19.

8 Linkages between COVID-19 recovery and the SDGs: www.unenvironment.org/news-and-stories/story/covid-19-four-sustainable-development-goals-help-future-proof-global.

9 Further examples of legislation to ensure a sustainable economic response to COVID-19: www.unenvironment.org/covid-19-updates; and www.ipu.org/parliaments-in-time-pandemic.

10 www.unenvironment.org/regions/asia-and-pacific/regional-initiatives/supporting-resource-efficiency/green-economy. Further details on the green economy concept: www.unenvironment.org/resources/publication/shades-green-introduction-green-economy-parliamentarians-issues-brief.

11 www.unenvironment.org/regions/asia-and-pacific/regional-initiatives/supporting-resource-efficiency/green-economy.

12 www.unenvironment.org/resources/publication/shades-green-introduction-green-economy-parliamentarians-issues-brief.

13 www.unenvironment.org/resources/publication/shades-green-introduction-green-economy-parliamentarians-issues-brief.

14 www.unenvironment.org/regions/asia-and-pacific/regional-initiatives/supporting-resource-efficiency/green-economy.

15 www.unenvironment.org/news-and-stories/story/learning-green-recovery; www.unenvironment.org/news-and-stories/story/green-economy-covid-19-recovery.

16 www.smithschool.ox.ac.uk/publications/wpapers/workingpaper20-02.pdf.

17 <https://greeneconomytracker.org/policies/national-green-economy-plan>.

18 https://ec.europa.eu/environment/nature/ecosystems/index_en.htm.

19 <https://ec.europa.eu/environment/nature/ecosystems/background.htm>.

prioritize laws and regulations that require public investment and incentivize private investment in green infrastructure,²⁰ particularly for cities and urban areas, which consume 78 per cent of the world's energy, and produce more than 60 per cent of greenhouse gas emissions.²¹ In addition, parliamentarians can use their oversight function to assess the government's work towards SDGs such as provision of universal access to safe, inclusive and accessible green and public spaces.

Parliamentary actions for green infrastructure

- Prioritize laws and regulations that require public investment and incentivize private investment in green infrastructure, especially in cities and urban areas, which produce the majority of the world's greenhouse gas emissions.
- Enact legislation that contributes to creating jobs in green infrastructure and enhances green infrastructure-related business opportunities.
- Provide parliamentary oversight of government's work towards SDGs such as provision of universal access to safe, inclusive and accessible green and public spaces.

Regional and country-level examples

The Republic of Korea plans to spend about US\$ 4.84 billion by 2022 on the green transformation of living infrastructure, which will create 89,000 jobs. The money will cover transitioning state-run facilities to zero emissions, as well as implementing new IT-based systems to resolve environmental issues, including tackling fine particles, low-carbon vehicle manufacturing, air quality management and environment awareness education.²²

European Union Member States are placing the Green Deal at the heart of the Union's main recovery strategy. The Deal includes measures to improve the sustainability of agriculture, funding for renewable energy, and support for electric vehicle sales and infrastructure.²³

2. Waste management and circularity

The International Finance Corporation reports that the volume of medical waste generated globally has increased by about 40 per cent due to COVID-19.²⁴ This unprecedented volume of medical and hazardous waste could lead to a spiralling adverse effect on human health and the environment.²⁵ Effective mitigation of this situation involves both emergency waste management measures and longer-term sustainable approaches. An effective emergency response considers the safe handling and disposal of biochemical and healthcare waste, including its appropriate identification, collection, separation, storage, transportation and treatment. It also considers important associated aspects, such as disinfection, personnel protection and training.²⁶ COVID-19 also necessitates changes in the treatment of household waste, which now includes discarded protective equipment, and medicines that may require special collection methods and waste streams.²⁷ Sustainable waste management practices, such as waste treatment and recycling, can, in the long-term, be promoted through legislative provisions, including on granting tax rebates or waivers for recycling initiatives.²⁸

20 For example, smart buildings, energy efficient transport systems, green roofing, tree planting, bioretention and infiltration systems, permeable pavements, green streets and parking, and water harvesting mechanisms: www.cnt.org/sites/default/files/publications/CNT_Value-of-Green-Infrastructure.pdf; www.epa.gov/green-infrastructure/what-green-infrastructure.

21 http://mirror.unhabitat.org/downloads/docs/E_Hot_Cities.pdf.

22 www.gov.kr/portal/ntnadmNews/2174390; http://www.koreatimes.co.kr/www/biz/2020/06/367_290494.html.

23 https://ec.europa.eu/info/live-work-travel-eu/health/coronavirus-response/recovery-plan-europe_en.

24 www.ifc.org/wps/wcm/connect/dfbcda0-847d-4c16-9772-15c6afdc8d85/202006-COVID-19-impact-on-waste-sector.pdf?MOD=AJPERES&CVID=na-eKpl.

25 www.unenvironment.org/news-and-stories/press-release/waste-management-essential-public-service-fight-beat-covid-19.

26 Examples of guidance on hazardous waste management: www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/TechnicalGuidelines/tabid/8025/Default.aspx; <http://bcr.tsinghua.edu.cn/en/col/1257152450718/index.html>.

27 Initial guidance on household waste treatment: www.basel.int/Implementation/HouseholdWastePartnership/OverallGuidanceDocument/tabid/8227/Default.aspx.

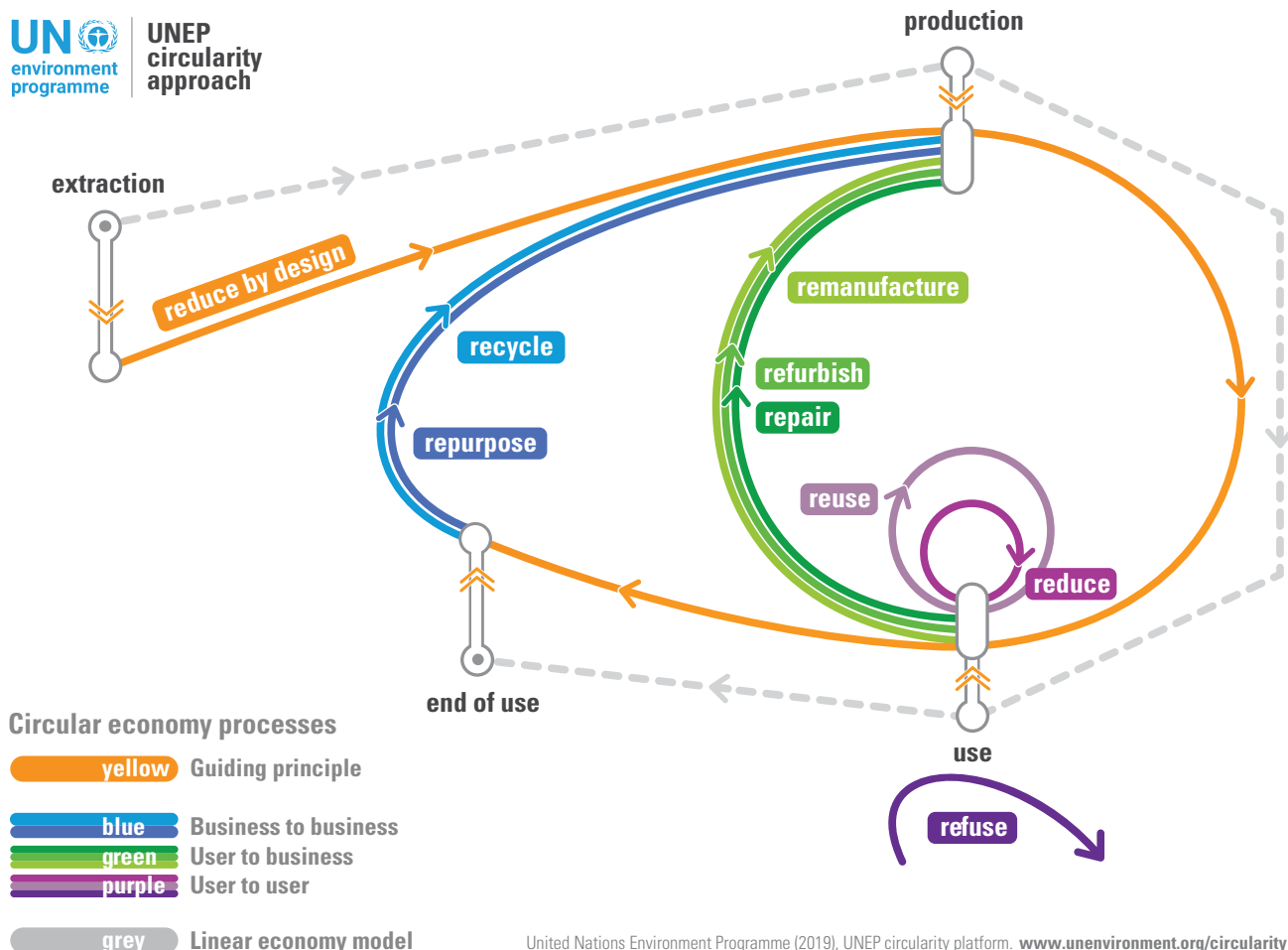
28 More information on COVID-19 waste management: UN Environment Programme, COVID-19 Waste Management Factsheet (policy and legislation linked to COVID-19 and pandemics): <https://wedocs.unep.org/bitstream/handle/20.500.11822/32777/FS4.pdf?sequence=1&isAllowed=y>.

Since 1970, global resource use has more than tripled.²⁹ If the situation continues, then by 2060, the extraction of materials will grow far beyond what the planet can sustain.³⁰ Parliaments may therefore wish to consider mainstreaming sustainable consumption and production (SCP) into all aspects of COVID-19 recovery planning and economic development overall.³¹ SCP involves using resources more efficiently. Its benefits include saving on costs, stimulating economic growth, generating jobs, preventing future economic crises, building resilience,³² and contributing to achieving the 1.5 °C temperature goal under the Paris Agreement.³³

A key means of achieving SCP will be through circularity. Circularity aims to restore, regenerate and reuse materials to promote the efficient and sustainable management of natural resources throughout their life cycle.³⁴ Maintaining the value or extending the shelf life of products through value-retention practices, such as remanufacturing, refurbishment, repair and reuse, could reduce the amount of new materials needed and cut industrial waste by between 80 and 99 per cent, and reduce greenhouse gas emissions by 79 to 99 per cent in some sectors.³⁵ Such practices could form an important part of the immediate post-COVID-19 response.

Figure 1

UNEP Circularity Approach³⁶



29 https://wedocs.unep.org/bitstream/handle/20.500.11822/31276/RMB_Strategy2020.pdf?sequence=1&isAllowed=y.

30 <https://buildingcircularity.org/>.

31 <https://buildingcircularity.org/>; www.unenvironment.org/explore-topics/resource-efficiency/what-we-do/sustainable-consumption-and-production-policies. There are economic benefits of SCP. For example, it is estimated that investing US\$ 900 billion in resource-efficient measures could generate up to 25 million jobs. www.resourcepanel.org/sites/default/files/documents/document/media/thinkpiece_-_resource_efficiency_-_key_messages_for_the_g20_270818.pdf.

32 www.resourcepanel.org/reports/building-resilient-societies-after-covid-19-pandemic.

33 <https://buildingcircularity.org/>.

34 www.unenvironment.org/resources/publication/shades-green-introduction-green-economy-parliamentarians-issues-brief.

35 www.unenvironment.org/news-and-stories/press-release/re-thinking-production-boost-circular-economies.

36 UN Environment Programme, *Circularity platform* (2019): <https://buildingcircularity.org>.

A possible longer-term option is to enact legislation that is in line with a green public procurement approach.³⁷ Through this approach, public authorities aim to procure goods and services that have a reduced environmental impact, thus stimulating the demand for eco-innovation and more sustainable goods and services.³⁸ This is particularly important in the context of the COVID-19 response where the governmental market share of consumed goods and services is particularly significant.³⁹ Additionally, parliamentarians could consider adopting legal provisions promoting SCP. For example, legislating on extended producer responsibility (making the producer responsible for the disposal of postconsumer products after the end of their useful life) would incentivize the prevention of waste generation and promote environmentally conscious product design.⁴⁰ In addition, legislative incentives, such as tax breaks or financial support for research and innovation, would encourage industries to adopt practices that extend the life of products.⁴¹

Parliamentary actions for waste management and circularity

- Promote sustainable waste management practices, such as waste treatment, recycling, and safe handling of healthcare and biochemical waste, by adopting legislative provisions on issues including tax rebates or waivers on recycling initiatives.
- Enact legislation that mainstreams SCP into all COVID-19 recovery efforts, including by requiring public authorities to use green procurement practices (procuring goods and services that have a reduced environmental impact).
- Adopt legislative provisions that support SCP (such as extending producer responsibility), and provide legislative incentives, including tax breaks or financial support, that encourage industries to adopt more sustainable production practices and increase the life cycles of their products.

Regional and country-level examples

The Bureau of the African Ministerial Conference on the Environment (AMCEN) recognized in June 2020 the need to implement a previous decision from its 17th ordinary session to promote and scale up the circular economy as part of Africa's COVID-19 recovery process.⁴²

Denmark is offering extra funding to help companies stick to green transition and circular economy principles amidst the COVID-19 crisis.⁴³

3. Clean energy

According to the Renewables 2020 Global Status Report, renewable energy reduces greenhouse gas emissions and air pollution, creates jobs, ensures energy sovereignty and accelerates energy access in developing countries.⁴⁴ It has proven to be cost-effective in terms of both pricing and reliability.⁴⁵ On the other hand, the true cost of fossil fuels is estimated to be US\$ 5.2 trillion if negative externalities are counted, such as air pollution, the effects of climate change, and traffic congestion.⁴⁶ Reducing the use of fossil fuels and associated pollution is also beneficial for mitigating the health effects of COVID-19.⁴⁷ Clearly, investing in renewables has both medium- and long-term

37 www.unenvironment.org/resources/report/building-circularity-our-economies-through-sustainable-procurement.

38 https://ec.europa.eu/environment/gpp/index_en.htm.

39 http://ec.europa.eu/environment/gpp/index_en.htm; www.unenvironment.org/explore-topics/resource-efficiency/what-we-do/sustainable-consumption-and-production-policies.

40 www.oecd.org/env/tools-evaluation/extendedproducerresponsibility.htm.

41 According to the OECD, *extended producer principle* is a policy approach under which producers are given a significant financial and/or physical responsibility for the treatment or disposal of post-consumer products. Guidance on sustainable consumption and production available at the SCP clearing house: www.unenvironment.org/explore-topics/resource-efficiency/what-we-do/sustainable-consumption-and-production-policies; www.oneplanetnetwork.org/resource/15degc-world-requires-circular-and-low-carbon-economy. Summary of circular economy legislation: <http://blog.bio-ressources.com/2017/01/27/a-summary-of-circular-economy-legislation-around-the-world-part-ii/>.

42 www.unenvironment.org/fr/amcen.

43 <https://erhvervsfremmebestyrelsen.dk/825-mio-kr-til-omstilling-groenne-virksomheder-og-cirkulaer-oekonomi-skal-skabe-vaekst-og-oegge>.

44 REN21, *Renewables 2020 Global Status Report* (2020): www.ren21.net/gsr-2020/.

45 Ibid.

46 Ibid.

47 www.sciencedirect.com/science/article/pii/S0048969720321215.

economic, fiscal and health advantages.⁴⁸ Current cost-effectiveness provides an opportunity to prioritize clean energy in economic recovery packages,⁴⁹ and to adopt cost-competitive sustainable technologies. This makes for a more cost-efficient transition towards carbon-neutral societies – in other words, having a net zero carbon footprint, and helping to achieve the nationally determined contributions as part of the Paris Agreement and the implementation of the SDGs.⁵⁰

Parliamentarians have a unique opportunity to promote laws which contribute to both short- and long-term energy policies that promote a shift to renewable energy. Such measures could include eliminating fossil fuel subsidies, given that 10–30 per cent of fossil fuel subsidies could pay for a global transition to clean energy⁵¹ and that about 70 per cent of global energy investment is driven by governments, directly or indirectly, as a response to policy.⁵² Introducing carbon pricing measures could also help to raise revenue that could be reinvested into COVID-19 recovery and help reduce greenhouse gas emissions.⁵³ Adjusting the pricing of polluting fuels (internalizing the associated environmental and social costs) could raise revenues of about 4 per cent of global GDP.⁵⁴ Other legislative and fiscal measures could include requirements to divest from polluting activities and prioritize budget allocation to low-carbon initiatives, as well as research and development into clean technology. Research and development is a key driver for innovation. It is needed to leverage the current cost-efficiency of renewables towards a low-carbon revolution and green technology development.⁵⁵ Furthermore, parliamentarians can use their oversight powers to evaluate what their governments have done to implement the Paris Agreement and prepare nationally determined contributions with concrete emission reduction measures, such as clean energy initiatives.

COVID-19 recovery packages could also promote energy efficiency. Improving energy efficiency creates job opportunities, helps reduce greenhouse gas emissions and saves on energy costs.⁵⁶ Parliaments could, for instance, explore legislation that requires improved energy-efficient public infrastructure and industrial equipment.⁵⁷

Parliamentary actions for clean energy

- Promote laws that contribute to short- and long-term renewable energy policies, such as eliminating fossil fuel subsidies, and introducing carbon pricing measures that increase national revenues, which can then be reinvested in COVID-19 recovery.
- Prioritize budget allocations and enact legislation on low-carbon activities that promote energy efficiency, including energy-efficient public infrastructure and industrial equipment, and clean technology research and development.
- Exercise oversight powers to evaluate what the government has done to implement the Paris Agreement and prepare nationally determined contributions with concrete emission reduction measures, such as clean energy initiatives.

48 www.ren21.net/gsr-2020/.

49 www.fs-unep-centre.org/global-trends-in-renewable-energy-investment-2020/.

50 www.fs-unep-centre.org/global-trends-in-renewable-energy-investment-2020/.

51 www.unido.org/stories/covid-19-stimulus-packages-must-carry-energy-efficiency-incentives-help-industries-and-economies-rebound.

52 www.climatechangenews.com/2020/03/17/governments-historic-opportunity-accelerate-clean-energy-transition-iea-says/.

53 www.imf.org/en/Publications/WP/Issues/2019/05/02/Global-Fossil-Fuel-Subsidies-Remain-Large-An-Update-Based-on-Country-Level-Estimates-46509.

According to the UN Environment Programme, carbon taxation can be especially effective in the current low oil price environment. The IMF estimates that a carbon tax of US\$ 75 per ton would increase pump prices by less than the overall decline due to the oil price collapse. https://greenfiscalspolicy.org/policy_briefs/unep-policy-brief-on-building-back-better-role-of-green-fiscal-policies/.

54 www.imf.org/en/Publications/WP/Issues/2019/05/02/Global-Fossil-Fuel-Subsidies-Remain-Large-An-Update-Based-on-Country-Level-Estimates-46509.

55 International Renewable Energy Agency, *The Post-COVID recovery: An agenda for resilience, development, and equality* (Abu Dhabi, 2020): www.irena.org/publications/2020/Jun/Post-COVID-Recovery.

56 www.iea.org/articles/paving-the-way-to-recovery-with-utility-funded-energy-efficiency; www.unenvironment.org/explore-topics/energy/what-we-do/energy-efficiency.

57 More information on COVID-19 and energy: International Energy Agency, *Sustainable Recovery* (World energy outlook special report, 2020): www.iea.org/reports/sustainable-recovery.

Country-level examples⁵⁸

Nigeria's post-COVID-19 Economic Sustainability Plan includes extending the country's solar infrastructure, a gas expansion programme to promote the use of clean fuels, and scrapping gasoline subsidies. The Senate President and Speaker of the House of Representatives led principal officers of the National Assembly in meeting with members of the country's Economic Sustainability Committee. After the draft Sustainability Plan was presented to them, the legislators made recommendations, which will be considered in the plan's implementation.⁵⁹

India's government has increased taxes on petrol and diesel with the aim of increasing government revenue amidst the economic impacts of COVID-19.⁶⁰

4. Green jobs⁶¹

The loss of jobs⁶² and income⁶³ associated with COVID-19 will likely push 34.3 million people into extreme poverty in 2020,⁶⁴ and worsen income inequality within and between countries.⁶⁵ For developing countries, income losses will probably exceed US\$ 220 billion.⁶⁶ Estimates indicate that, by only the second quarter of 2020, COVID-19 might have reduced working hours by around 6.7 per cent which is equivalent to 195 million full-time workers.⁶⁷ A green economy has the potential to create 24 million new jobs globally by 2030.⁶⁸ For instance, investing in renewable energy is likely to generate more jobs, both in the short- and long-term, thus boosting spending and accelerating the recovery.

Parliaments have the opportunity to introduce recovery laws that incentivize green investments, such as in sustainable transport, energy efficiency technologies and waste management. Laws that promote healthy ecosystems and reduce environmental stresses (including through green fiscal reform that reduces income tax and shifts the tax burden to environmentally harmful goods and services⁶⁹) could promote productivity, advance local solutions and support displaced workers.⁷⁰ Transformative legislation also ensures a just transition by integrating the reallocation and retraining of workers, promoting decent work, advancing local solutions, and supporting displaced workers.⁷¹ When developing employment recovery measures (such as cash for work programmes), parliamentarians can prioritize green jobs programmes, including ecosystem restoration or road rehabilitation in protected areas. Stimulus packages could also include a special focus on the communities particularly affected by COVID-19 (for example, those whose livelihoods depend on tourism in protected areas). Parliamentarians can also fulfil their representation responsibilities by ensuring that the needs of constituents, particularly those whose employment has been greatly affected by the pandemic, are addressed in green jobs programmes.

58 More information on COVID-19 government policy responses related to energy: www.energypolicytracker.org/.

59 <https://media.premiumtimesng.com/wp-content/files/2020/06/ESC-Plan-compressed-1.pdf>; and www.carbonbrief.org/coronavirus-tracking-how-the-worlds-green-recovery-plans-aim-to-cut-emissions.

60 www.reuters.com/article/us-india-economy-fuel/india-increases-fuel-taxes-in-a-bid-to-shore-up-revenueidUSKBN211081#:~:text=The%20excise%20duties%20on%20the,senior%20government%20official%20told%20Reuters.

61 More information on green jobs: https://wedocs.unep.org/bitstream/handle/20.500.11822/8825/UNEPGreenJobs_report08.pdf?sequence=3&isAllowed=y.

62 www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/documents/briefingnote/wcms_740877.pdf.

63 www.undp.org/content/undp/en/home/news-centre/news/2020/COVID19_Crisis_in_developing_countries_threatens_devastate_economies.html.

64 www.un.org/development/desa/en/news/policy/wesp-mid-2020-report.html#:~:text=The%20pandemic%20is%20exacerbating%20poverty,increase%20occurring%20in%20African%20countries.

65 www.un.org/development/desa/dpad/wp-content/uploads/sites/45/publication/WESP2020_MYU_Key-messages.pdf.

66 www.undp.org/content/undp/en/home/news-centre/news/2020/COVID19_Crisis_in_developing_countries_threatens_devastate_economies.html.

67 www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/documents/briefingnote/wcms_740877.pdf.

68 www.un.org/sustainabledevelopment/blog/2019/04/green-economy-could-create-24-million-new-jobs/.

69 www.eea.europa.eu/highlights/fiscal-reform-can-create-jobs.

70 About 1.2 billion jobs (40 per cent of total world employment) depend on healthy ecosystems. www.un.org/sustainabledevelopment/blog/2019/04/green-economy-could-create-24-million-new-jobs/. These jobs cut across sectors such as agriculture, forestry, tourism and pharmaceuticals. Environmental stresses and accompanying natural disasters contribute significantly to decreased productivity and job losses. It is estimated that expected temperature increases will reduce the total number of working hours by 2 per cent globally by 2030, mainly affecting workers in agriculture and in developing countries. www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---publ/documents/publication/wcms_628654.pdf.

71 www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---publ/documents/publication/wcms_628654.pdf.

Parliamentary actions for green jobs

- Introduce laws that incentivize green investment and the creation of green jobs (such as in sustainable transport and energy efficiency), and that disincentivize unsustainable investments (such as by raising taxes on environmentally harmful goods and services).
- Enact legislation on green jobs training programmes; for example, jobs related to ecosystem restoration, particularly for people who have been displaced or severely affected by COVID-19.
- Represent the needs of constituents (particularly those whose employment has been greatly affected by the pandemic) and ensure their needs are addressed in green jobs programmes.

Regional and country-level examples

In Latin America, cash for work programmes are supporting the creation of jobs in the recycling sector for Venezuela's migrants. Several countries in the region, such as Brazil, also have recycling cooperatives, which provide employment for vulnerable populations.⁷²

Pakistan has introduced a US\$ 47 million green stimulus programme to hire newly unemployed people for the "10 Billion Tree Tsunami". The initiative is designed to plant trees in rural areas so as to restore natural ecosystems.⁷³

5. Biodiversity and nature-based solutions

Habitat loss is linked to the emergence of novel zoonotic diseases like COVID-19, but also has anthropogenic drivers, including increased exploitation of wildlife, the unsustainable use of natural resources, and climate change.⁷⁴ In economic terms, the continued degradation of ecosystem services represents an annual loss of at least US\$ 479 billion.⁷⁵ Prioritizing biodiversity and avoiding incentives that have led to its degradation are important considerations for any recovery measures.⁷⁶ In fact, according to a preliminary report by the Convention on Biological Diversity's Panel of Experts on Resource Mobilization, conserving biodiversity through a global biodiversity framework would yield economic gains of US\$ 500–550 billion per year.⁷⁷ The investment of domestic financial resources will greatly contribute to achieving these gains.⁷⁸

In developing recovery packages, it is important that parliamentarians commission balanced risk assessments that incorporate natural capital considerations, such as healthy ecosystems, clean air and water,⁷⁹ and potential biodiversity impacts.⁸⁰

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