

Achieving the Sustainable Development Goals and the Paris Agreement through a just transition: The role of G7

Upalat KORWATANASAKUL

United Nations University Institute for the Advanced Study of Sustainability
Faculty of Social Sciences, Waseda University

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The Nature Conservation Society of Japan (NACS-J)

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UNU 5F Elizabeth Rose Hall

Background



- Think7 (T7) is the official think tank engagement group of the Group of 7 (G7).
- The Asian Development Bank Institute (ADBI) is hosting T7 as part of Japan's 2023 G7 presidency, under the theme, "Addressing Crises, Reigniting Sustainable Development, and Bridging the G7 and G20".
- By focusing on Inclusion and Global South, T7 Japan is open to participants from G7 and non-G7 countries to deliver more impactful solutions to global leaders.
- Policy research produced during the T7 Japan process is administered by four task forces:
 - Development and Economic Prosperity
 - **Wellbeing, Environmental Sustainability, and Just Transition**
 - Science and Digitalization for a Better Future
 - Peace, Security, and Global Governance

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the Advanced Study of
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Challenges

- Slow progress towards achieving the SDGs and the Paris Agreement
- How to implement the principles for a just transition to mitigate climate change and other global environmental crises while supporting economic prosperity and human well-being
- Interrelated challenges require more integrated approaches to sustainable development to achieve environmental sustainability and human well-being simultaneously
- Just transition requires effective measurement and a new way to measure human well-being holistically, going beyond GDP

Key approaches

1. An integrated and holistic approach to sustainability, prioritising the environment

- A holistic and system-based approach to decarbonisation is needed, including transforming the energy and infrastructure systems that link **climate and biodiversity** in a way that also supports human well-being.

2. Just transition: Advancing the climate, sustainable development, and human well-being agenda

- G7 must achieve **sustainable food systems** through sustainable agriculture and energy use, including protection, conservation, restoration, and sustainable use of biodiversity

3. Financing and multi-stakeholder partnerships

- G7 should mobilise finances from all sources to strengthen ambitious **climate and biodiversity actions** and ensure robust policies and systems are in place to facilitate private actors to align their financial flows with climate and other sustainability objectives.

4. New internationally agreed measures of well-being (beyond GDP): Interconnecting ethical measurement of prosperity and a more holistic approach to strengthening the delivery of the SDGs

- The G7 should agree on aggregate indicators of economic, social, and environmental prosperity.
- For instance, the aggregate environmental indicators should cover metrics on **climate and biodiversity**.

Policy recommendations for re-igniting actions for SDGs, carbon neutrality, and climate-resilient development

1. A universal access to carbon-neutral energy systems
 - Strengthen regulatory frameworks and conduct awareness-raising campaigns to promote the circular economy, resource efficiency, and reduce the negative impact of pollution and **biodiversity loss** from the increase in the extraction of critical minerals and unsustainable land development for renewable power infrastructure.
 - **Policy brief: Critical Minerals for Net-Zero Transition: How the G7 can Address Supply Chain Challenges and Socioenvironmental Spillovers**
2. **Promote sustainable food systems and biodiversity conservation**
3. Enhance resilience, social protection, and social sustainability
 - Promote the One Health approach as a prerequisite for addressing climate change, **pollution and biodiversity loss**, since these problems disproportionately affect women, girls, and people left behind.
4. Finance for promoting a just transition
5. Create an annual, consistent mechanism to measure just transition, environmental sustainability and well-being
6. Strengthen partnerships for climate and sustainable development
7. Enhance capacity, promote education and youth empowerment



Promote sustainable food systems and biodiversity conservation

- Deliver on the G7's commitment to implement the Kunming-Montreal Global Biodiversity Framework (GBF).
- Significantly reduce carbon footprint and strengthen natural carbon sequestration and food security throughout the whole food supply chain by promoting sustainable agricultural productivity growth, organic farming, and utilising agroecological and other innovative approaches.
- **Encourage local governments and the private sector to set targets on greenhouse gas (GHG) emission reductions, biodiversity conservation, and avoidance of food loss through enhanced demand side management, including dietary shifts and reducing food waste, to reduce GHG emissions from food products.**
 - **Paris Strategy for Sustainable Food, shifting to organic and vegetarian meals, reduced the carbon footprint of the school lunch menu by 30%.**
- Realign food and agricultural policies consistent with climate change mitigation and biodiversity targets, including agricultural subsidies, land-use regulations, land tenure systems, food and environmental taxation, food product and service regulations, and consumer incentives.
- Increase investments in adaptation targeting climate and biodiversity objectives and sustainable infrastructure for public mobility and transportation, buildings, and energy systems.

Thank you very much

korwatanasakul@unu.edu

korwatanasakul@aoni.waseda.jp

<https://sites.google.com/site/korwatanasakul/home>

Critical materials

<https://www.think7.org/publication/critical-minerals-for-net-zero-transition-how-the-g7-can-address-supply-chain-challenges-and-socioenvironmental-spillovers/>

AI and sustainable development

<https://www.eu-japan.ai/ja/leveraging-artificial-intelligence-for-sustainable-development-applying-social-principles-for-human-centric-ai/>

ICT and sustainable development

<https://collections.unu.edu/eserv/UNU:8869/UNU-IAS-PB-No33-2022.pdf>

Carbon neutrality and Leave No One Behind in developed and developing countries

<https://collections.unu.edu/eserv/UNU:9100/UNU-IAS-PB-No39-2023.pdf>

<https://collections.unu.edu/eserv/UNU:8921/UNU-IAS-PB-No35-2022.pdf>

The screenshot shows the top navigation bar of the EU-Japan AI website with links for Home, About, Resources, and Knowledge. Below the navigation is a large image of a person in a field with solar panels. The main heading is "Leveraging Artificial Intelligence For Sustainable Development: Applying Social Principles For Human-Centric AI". Below the heading is a list of authors and their affiliations, including the University of Tsukuba and the University of Cambridge. At the bottom, there are social media sharing icons and a date of 14th May 2023.

The screenshot shows a "Policy Brief" from Think7. The title is "Critical Minerals for Net-Zero Transition: How the G7 can Address Supply Chain Challenges and Socioenvironmental Spillovers". It features a cover image of a person in a field with solar panels. The text includes the title, authors (Korwatanasakul, Saito, and Saito), and a date of April 2023. There is also a small section titled "Table of Contents" with a link to "Welfare, Environmental Sustainability and Just Transition".

The screenshot shows a "Policy Brief" from United Nations University. The title is "ICT Solutions for Sustainable Management in the Greater Mekong Subregion". It features a cover image of a person in a field with solar panels. The text includes the title, authors (Rozario, Canales, and Saito), and a date of April 2023. There is also a small section titled "Table of Contents" with a link to "Welfare, Environmental Sustainability and Just Transition".