

To Protect Our Climate



Our Vision, Our Work



Executive Director's Message



A year and three months have passed since our launch as a Japanese climate policy think tank in January 2022. We have been taking on our programs as a new team, making the most of the expertise and experience of our staff. Each activity has involved challenging and creative work in uncharted territory. Thanks to the support and cooperation from many people in our first year, we were able to publish independent analytical reports and information, and conduct analyses in collaboration with reputable European and American research institutions and think tanks. We also promoted collaboration with local governments and organizations. Going forward, we aim to advance our programs further while deepening dialogue and collaboration, working with international, national, and local stakeholders. Meanwhile, climate change continues to intensify. Climate Integrate recognizes the importance and urgency of working toward decarbonization, and will continue moving ahead, with the strong conviction that change is indeed possible.

Kimiko Hirata, Ph.D
Executive Director

Climate Integrate's Vision

Climate Integrate is an independent climate policy think tank established in Japan in 2022. Based on the following vision, mission, and values, we work toward the realization of policies that are consistent with the Paris Agreement, based on our think tank and support functions.

Vision

Climate Integrate aims to protect the climate and realize a just, sustainable and peaceful society. In particular, we aim to ensure that Japan achieves decarbonization and the development of society in ways that foster human happiness.

Mission

Climate Integrate conducts research, engagement, and communication to accelerate policy changes and actions toward decarbonization. We support the decarbonization efforts of a diverse range of actors, based on an integrated approach to science, policy, and society.

Values

Knowledge: Provide information and analysis on climate solutions

Integrity: Support open, transparent and inclusive processes and dialogue

Empowerment: Promote multi-stakeholder engagement to accelerate decarbonization

Showing the facts

Policy analysis, recommendations

Think tank function

Conveying the facts

Knowledge sharing

Support function

Communication

Climate Integrate works ;

Showing the facts through a **"think tank function"** that clarifies the direction and, Conveying the facts through a **"support function"** that provides information for decision-making.

Throughout our work, we deepen **communication** with diverse stakeholders, foster a broader understanding of measures and actions, expand support and implementation, and open the window of opportunity for policy change.

Showing the Facts

We conducted research and analyses to show the facts that can form the basis of efforts to achieve decarbonization.

Global network

Fact-based

Ensure alignment with 1.5°C goal

Q&A · discussions

This year we released two reports.

In "Getting Lost on the Road to Decarbonization: Japan's Big Plans for Ammonia" (May 2022) we analyzed the actual situation related to ammonia co-firing, which is being promoted by the public and private sectors as a measure for the power sector.

In "Decarbonizing Japan's Electricity System: Policy Change to Trigger a Shift" (March 2023) we analyzed the decarbonization of Japan's electricity system, in cooperation with Lawrence Berkeley National Laboratory, which is affiliated with the U.S. Department of Energy. Timed with Berkeley Lab's release of a 90% decarbonization scenario for Japan for 2035, we presented policy recommendations that could make that scenario a reality.

A hybrid symposium we organized (March 1, 2023) was attended by about 400 stakeholders, including government representatives, experts, and NGOs.

Climate Integrate will continue to utilize its global network to conduct science-based evaluations of policies and measures, and conduct research and analysis to ensure consistency with the 1.5°C goal.

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Getting Lost on the Road to
Decarbonization

Japan's Big Plans for
Ammonia

迷走する日本の脱炭素
アンモニア利用への壮大な計画

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"Getting Lost on the Road to
Decarbonization:
Japan's Big Plans for Ammonia
May 2022

This report examines in detail the use of fuel ammonia in the thermal power sector, which Japan is promoting as a solution to reach carbon neutrality by 2050.

It also reveals the current situation in which many private sector companies are launching new ventures with governmental legislative and subsidy support.

Climate
Integrate

Decarbonizing Japan's
Electricity System
**Policy Change to
Trigger a Shift**

2035年電力システム
脱炭素化への
政策転換



"Decarbonizing Japan's Electricity System:
Policy Change to Trigger a Shift"
March 2023

Set of recommendations was published alongside a scenario by Berkeley Lab, presenting "national vision" and "policy measures" that are key to realizing the scenario.

National vision

1. A grand design centered on shift to renewables
2. Ambitious targets and policy review
3. National strategies for a just transition

Policy measures

1. Making carbon pricing more effective
2. Expanding renewable energy in ways that benefit communities
3. Enhancing flexibility in Japan's power system
4. Redesigning power markets to encourage fair competition
5. Boosting offshore wind development
6. Improving energy efficiency
7. Using fiscal measures to support energy shift

Conveying the Facts

We conveyed fact-based information and supported initiatives to help stakeholders move forward with sound actions.

Toyooka City

We started supporting the climate efforts of this city in Hyogo Prefecture.

Climate Integrate, together with the Hidaka Kannabe Tourism Association, held three study sessions with invited experts to discuss measures in conjunction with tourism in areas that are beginning to feel the impacts of reduced snowfall due to climate change.

We provided support for discussions involving the city, citizens and business operators, resulting in announcing the first decarbonization declaration “Yukimirai 100 Year Declaration” as a tourism association that aims to achieve carbon neutrality in the 2040s and be nature positive.

We continue working with stakeholders in Toyooka to promote the region’s attractions from the combined perspective of “climate change and tourism.”



Sakata City

To explore the potential for a regional energy transition in Sakata City and Yuza Town in Yamagata Prefecture, we made site visits.

We held meetings with the mayors of Sakata and Yuza, CEOs of wind power and coal-fired power plants, representatives of local companies, and student and youth groups.

We also gave guest lectures to at Sakata Koryo High School.

Ichikawa City

In October 2022, our Executive Director Kimiko Hirata was appointed as an advisor for environmental policy promotion in Ichikawa City in Chiba Prefecture and has been supporting the city’s carbon-neutral initiatives.

Integrated approach to addressing climate change and local issues



Hakuba Village

After participating as a guest speaker at the Protect our Winters Japan (POW Japan) Ambassador Summit, we began working on collaborative efforts with stakeholders in Hakuba Village in Nagano Prefecture.

Hakuba, a world-famous ski resort, is already undertaking a variety of initiatives and is seen as an iconic area in climate action. We exchanged views with the mayor, local groups, and businesses. We continue to support its carbon neutrality efforts.

Goro Komatsu, CEO of POW Japan, took the stage at the “Yukimirai 100 Year Declaration” ceremony in Kannabe, Toyooka City, connecting people from the two ski resorts in Kannabe and Hakuba and promoting inter-regional cooperation.

Other entities we have advised

Educational institutions:

Chiba University of Commerce, Takasaki University of Economics, Tokyo University of the Arts, Toyo University, Kyoto University, Ochanomizu University, Sakata Koryo High School, etc.

Municipalities:

Ichikawa City (Chiba Pref), Toyooka City (Hyogo Pref.), Nerima City (Tokyo), Suginami City (Tokyo), etc.

Others:

Seikatsu Club Consumers’ Co-operative Union, Palsystem Consumers’ Co-operative Union, Green Coop Cooperative Society, institutional investor groups, labor unions, NGOs, industry associations, etc.

Media and SNS

We provided our perspectives and messages through media responses, interviews, presentations, lectures, etc.

Major programs and coverage

NHK: "Sunday Debate" 25-Sep-2023

Nikkei Shimbun: "Human Discovery" 13 to 17-Mar-2023 (5 episodes)

Mainichi Shimbun: The Achievements and Challenges of COP27 14-Dec-2022

Tokyo Shimbun: "Climate Change and Employment - What is a 'Just Transition?'" 17-Sep-2022

HuffPost: "Interview with Kimiko Hirata" 28-Apr-2022

Nikkei National Graphic: "The Carbon Almanac - Climate Change Perfect Guide.

Editor speaks - The Truth about Climate Change" Feb-2023

Preventing Global Warming (magazine): column,

"Understanding climate action since the Paris Agreement, with Kimiko Hirata"

Radio and podcasts

J-Wave, NHK Radio, TBS Radio, Amazon podcasts

Comments quoted

Asahi Shimbun, Yomiuri Shimbun, Mainichi Shimbun, Nikkei Shimbun, Kyodo News, Jiji News, Sankei Shimbun Financial Times, New York Times, Reuters, Bloomberg, etc.

Awards

Executive Director Kimiko Hirata was selected as one of BBC's "100 Women" in 2022.

Twitter

Tweeting media releases and fact-based commentary on domestic and international topics in Japanese and English.

Tweets that attracted most interest related to our comments on UNEP, IEA, UNFCCC and other reports, and details on G7 communiqués, etc. Our infographics explaining IPCC reports were also very popular. Within Japan, there was strong interest in our tweets on government actions such as GX and carbon pricing.

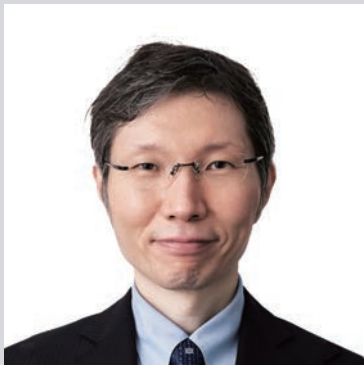


Messages from Directors and Advisors



**Tetsuji Ida / Board of Directors
Senior Staff Writer & Editorial Writer
(Environment, Energy and Development), Kyodo News**

“There are major problems not only in the content of Japan’s energy policies but also in the ways they are discussed and decided, and there is an urgent need for changes to reflect the voices of citizens. To do so, it is important to provide proper scientific evidence, as in the results of research by Lawrence Berkeley National Laboratory. While discussing national policies, it is also important to continue doing activities that are rooted at the local level. There are many challenges, but let’s do our best effort for a sustainable future.”



**Sakon Kuramoto / Advisor
Attorney at Law (Japan and New York)**

“Climate change is becoming a major political, social, and economic issue in Japan, and Climate Integrate, led by Kimiko Hirata, has been supporting various actors in their efforts to decarbonize through an integrated approach linking science, policy, and society. I have high expectations as it aims to realize a just, sustainable and peaceful society. I think it will be especially important to support the positive efforts of Japanese companies in the future.”



**Kenji Shiraishi / Board of Directors
Researcher Renewable and Appropriate Energy
Laboratory at the University of California,
Berkeley Lawrence Berkeley National Laboratory**

“Over the past year, the Lawrence Berkeley National Laboratory and Climate Integrate worked together in research on the decarbonization of Japan’s power sector and delivered science-based recommendations to stakeholders both inside and outside Japan. I appreciate everyone’s efforts. Upon this foundation, I look forward to collaborating further with Climate Integrate as it gains even greater impact as a policy think tank, providing input to Japan’s next NDC and the Strategic Energy Plan.”



**Athena Ronquillo-Ballesteros / Advisor
Managing Director, Climate Leadership Initiative**

Japan needs to deepen its commitment to decarbonize the economy with the speed and scale required by the climate emergency. A science driven and evidence-based policy research organization such as Climate Integrate will continue to hold Japan accountable and provide the most compelling and robust analysis to enable an equitable transition.



**Naoyuki Yamagishi / Board of Directors
Chief Conservation Officer Director,
Climate & Energy and Oceans & Fisheries Division,
WWF Japan**

“It has been a great achievement that Climate Integrate has been able to proactively provide knowledge on a wide range of issues, from national policies to corporate performance evaluations to regional initiatives, and also focus on communication. I look forward to seeing new and incisive insights from an independent perspective.”

Partners

- Lawrence Berkeley National Laboratory, US
- NewClimate Institute, Germany
- Helten Communications, Canada
- Visual Thinking, Japan
- THREE IS A MAGIC NUMBER, Japan



Board of Directors

Tetsuji Ida
Senior Staff Writer & Editorial Writer,
Environment, Energy and Development, Kyodo News

Kenji Shiraishi
Researcher Renewable and Appropriate Energy Laboratory
at the University of California, Berkeley Lawrence Berkeley
National Laboratory

Naoyuki Yamagishi
Chief Conservation Officer Director, Climate & Energy and Oceans
& Fisheries Division, WWF Japan

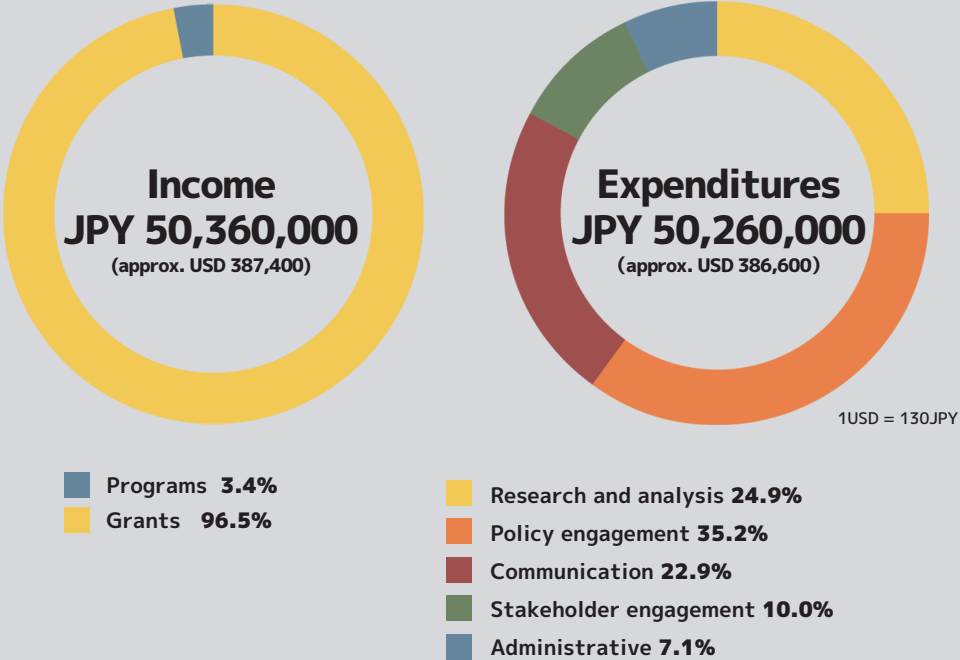
Advisors

- Dr. Bill Hare** CEO, Climate Analytics
- Athena Ronquillo-Ballesteros** Managing Director, Climate Leadership Initiative
- Sakon Kuramoto** Attorney at Law
- Dr. Minoru Tsubogo** Professor Emeritus, Waseda University
- Dr. Takeshi Mizuguchi** President, Takasaki City University of Economics

Team

- Kimiko Hirata** Ph.D, Executive Director
- Chisaki Watanabe** Program Director
- Hiroaki Odawara** Program Director
- Yasuyuki Sasaki** Communications Manager
- Yukiko Onozato** Office Manager
- Atsuko Kawaguchi** Communications Fellow


**Financial Information
FY2022**



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Our Vision, Our Work

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FY22
ANNUAL REPORT

Climate Integrate

Address : 4th Floor, Nishiyama Building,
4-7-1 Shiba, Minato-ku,

Tokyo, Japan 108-0014

Email: contact@climateintegrate.org

Web: <https://climateintegrate.org/>