

T20 Task Force 2 | Sustainable climate action and inclusive just energy transitions

TF2 Co-Leads: *Céline Kaufmann* (IDDRI) and *Maiara Folly* (Plataforma CIPÓ)

TF2 focal point: *Vitória Gonzalez* (Plataforma CIPÓ)

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LIST OF POLICY BRIEFS APPROVED

Subtopic 1 | *Fostering Sustainable, Inclusive, and Just Energy Transitions*

PB # PB Title

2.1.1 Decentralized Renewable Energy (DRE) systems: A pathway to just energy transitions in vulnerable communities

Syed Munir Khasru; Riad Meddeb; Gauri Singh; Vibha Dhawan; Shailly Kedia; Sarwat Chowdhury

2.1.2 A North-South Agenda for the Renewables Challenge: Ensuring Sustainable Supply Chains, Equitable Green Development and Transparency Standards

Ana Julia Aneise; Sebastian Sahla; Elisabeth Möhle; Carlos Freytes; Victoria Arias Mahiques; Víctor Delbuono; Esteban Manteca; Martín Obaya; Andrea Wainer; Michael Jarvis; Anabel Marin; Antonio Andreoni

2.1.3 Securing electric mobility with responsible extraction of critical minerals in Latin America

Felipe Arango; Marta Salomon

2.1.4 Public development bank support for early coal retirement

Sarah Bendahou; Imogen Outlaw

2.1.6 The role of critical minerals in the energy transition: policy implications at the local, national, regional and global level

Pia Marchegiani; Camila Mercure; Claudia Velarde; Ramón Balcázar; Felipe Pino Zúñiga; María Laura Castillo Diaz

2.1.7 Towards an integrated transition planning ecosystem

Mark Manning; Lisa Sachs; Agnieszka Smolenska; Megan Bowman; Fiona Stewart; Peter Knaack; Perrine Toledano

2.1.8 Driving effective and equitable public private sector partnerships for a just transition across G20 countries

Joachim Roth; Marta Torres Gunfaus

2.1.10 Transforming green knowledge governance to enable a just energy transition

Kirsty Mackinlay; Kabwe Mubanga; Clement Sichimwa; Martin Mutembei; Anne Nganga; Sounthisack Phommachanh; Orlavanh Sonesouphap; Nguyen Hoang Nam; Le Huy Huan; Joseph Akowuah; Divya Subash Kumar; Ligia Zagato; Elizabeth M. Tennyson; Dinh Duc Truong; Kurian Joseph; Francis Kemausuor; Khamphone Nanthavong; Lara Allen

2.1.11 Balancing a Trifecta of Economic Development, Environmental Sustainability, and Social Inclusivity: A Policy Framework for India's Sustainable Energy Transition Low-Impact Siting

Nupur Bapuly; Shivaprakash KN; Joseph M. Kiesecker; Kei Sochi; Anthony Ortiz; Juan Lavista Ferres; Caleb Robinson; James Oakleaf; Aishwarya Bhattacharjee; Anand Madhav Mishra; Vishnu Pandey

2.1.13 The role of global governance institutions in fostering clean energy transitions

Glauco Avelino Sampaio Oliveira; Nerissa Muthayan

2.1.14 The centrality of people and community in fostering a sustainable, inclusive and Just Energy Transitions: for the people is with the people

Aparajita Banerjee; Amrita Sen

2.1.16 Facilitating a Just Transition for SMEs by Automating Data Collection and Leveraging Digital Sustainable Finance

Ulrich Volz; Marianne Haahr

2.1.17 Creating value for the critical minerals supply chain in Latin America

Eduarda Zoghbi; Lilly Lee; Pranati Kohli; Vicente Loyola; William Tobin

2.1.19 Brazil presidency must lead G20 to mitigate environmental and social spillovers of the energy transition

Simon Høiberg Olsen; Nandakumar Janardhanan; Eri Ikeda; Maria Cândida

2.1.20 Building Confidence for the G20 Renewables Market Through Strategic Policy Reforms

Eunji Kim; Giovanni Andrés Pabón

2.1.23 Navigating a just transition: enhancing fairness and equity in the just energy transition partnership for global coal-reliant countries

Wildan Al Kautsar Anky; Arifa Tariqa Imani; Fikri Muhammad; Alin Halimatussadiah

2.1.24 The social role of clean energy and the fair and inclusive energy transition strategy to alleviate energy poverty through solar energy in communities

Graziella Albuquerque; Lenin Bandres; Eduardo Avila

2.1.25 Powering G20 Power Grid via Inclusive and Transparent Energy Governance

Ja Hyun Kim; Mariano Birlain Escalante

2.1.26 Navigating Just Energy Transition Through Large-Scale Skill Development Program

Amirah Jinan Dhia; Eric Roeder; Romora Edward Sitorus; Rizki Fajar Pangestu; Alfiansyah Achmad; Ni Putu Mia Tarani; Cahyo Prihadi

2.1.27 Mobilising financing for clean energy transitions in emerging markets and developing countries: The role of the G20

Özlem Taskin; Amar Bhattacharya; Paul Horrocks; Jens Sedemund; Mari Pangestu; Vera Songwe; Gagan Sidhu

2.1.28 Financing Sustainable Just Energy Transitions: Challenges and Ways Forward

Celine Tan; Gamze Erdem Turkelli; Anil Yilmaz vastardis

2.1.30 Charting a people-centred minerals strategy to safeguard Indigenous and land-connected communities in the global energy transition

Kathryn Sturman; Deanna Kemp; Alex Benkenstein; Marit Kitaw; Jennifer Tauli Corpuz; Isabel Cane; Halima Goumandakoye

2.1.32 A G20 compact for responsible renewable energy development

Bhakti G; Ornella Nicolacci; Shivedita Singh; Ayesha Khosla; Atul Mudaliar; Saksham Nijhawan

2.1.33 Financing for transition: urgent call from the global south to the G20. Visions from Latin America and the Caribbean

Sandra Guzman; Delfina Braggio; Orlando Barbosa; Cinthia Leone

2.1.34 Access to information, public participation, and justice in energy transition

Jessica Siviero Vicente; Junior Aleixo; Beatriz Torres de Paula; Hirdan Katarina de Medeiros Costa; Vanessa Ferreira Lopes; Fernando Joaquim Ferreira Maia; Semíramis Manguiera de Lima; Cássio Cardoso Carvalho; Mariana Traldi; Rárisson Jardiel Santos Sampaio; Maria Eduarda Santos de Oliveira; John Dairo Zapata Ochoa; Elisa de Oliveira Morais Nacur Cassano; Renta de Souza Gomes

2.1.36 Regulatory challenges and improvements for electric distribution in the latin american energy transition

Tiago Barros; Maria Claudia Alzate; Rodrigo Moreno; David Felipe Acosta; Marcela Quijano; Alessandra Amaral

Subtopic 2 | *Accelerating Transition to a Low-carbon Economy and Sustainable Consumption/Production*

PB # PB Title

2.2.5 Repurposing public support to agriculture to accelerate the transition to low-carbon and sustainable food systems

Claire McConnell; Sean Woolfrey; Lucrezia Tincani; Crystal Zake

2.2.6 Regulatory instruments for granting credit to the meat chain: contributions to mitigate deforestation and climate change

Julia Catão Dias; Bram Joanknecht; Karina Feliciano; Kees Kodde

2.2.7 Raising ambition on fossil fuel subsidy reform in G20 countries

Farooq Ullah; Indira Urazova; Chris Beaton; Tara Laan; Alessandra Cardoso; Claire O'Manique; Julia Levin

2.2.10 Promoting highly efficient appliances for climate change mitigation and social inclusion

Ana Maria Carreño; Colin Taylor; Edilaine Camillo; Monica Wambui; Jiayi Zhang; Rodolfo Gomes

2.2.11 Looking beyond national borders: Integrating consumption-based accounting approach into climate mitigation policy

Igor Makarov; Sedat Alataş; Elizaveta Smolovik

2.2.17 Accelerating the transition to a functional circular economy by mainstreaming remanufacturing

Rajiv Ramchandra; Winifred Ijomah; John Chalifoux; David Fitzsimons

2.2.18 Harnessing Social and Solidarity Economy (SSE) Enterprises for Operationalizing LiFE among G20 Countries

Saundharaya Khanna; Joshua J. Pangelinan

2.2.19 Accelerating phase-out of coal power plants

Dina Azhgaliyeva; Tetsushi Sonobe; Penelope Crossley

2.2.20 Just Energy Transition: Gender equality and empowerment

Dina Azhgaliyeva; Dil B. Rahut; Ashish Sedai; Tetsushi Sonobe

2.2.22 Towards a low carbon future: circular production and consumption to reduce food loss and waste

Carlos Roberto Vieira da Silva Filho; Aditi Ramola; Flavio de Miranda Ribeiro; Charlotte Morton; Giulia Ceccarelli; Pradeep Monga

2.2.23 The transformative Climate Alliance: A modest proposal for the G20 to change the world

Axel Michaelowa; Colin Nolden; Olga Alcaraz; Michael Coulon; Joseph Dellatte; Lisa DeMarco; Jackson Ewing; Patrizia Gragnani; Lone Gronbaek Jorgensen; Eleni Michalopoulou; Robert Stowe; Nicola Tollin; Charlotte Unger; Vincent Aussilloux; Peter Zaman; Michele Stua

2.2.24 Industrial Decarbonisation: Circular Construction Practices

Dina Azhgaliyeva; Ferhat Karaca; Aidana Tleuken; Tetsushi Sonobe; Hamad Hassan Awad; Rand Askar; Anel Iskakova; Ali Turkyilmaz; Thomas Laudal; Serdar Durdyev; Atakan Varol; Adriana Salles; Diāna Bajāre; Tatjana Tambovceva; Gabriel Zsembinszki; Camila Cervantes; Zhanna Kapsalyamova; Dorina Kripa; Tetsushi Sonobe; Xhesila Nano; Mustafa Selçuk Çıdık; Luisa F. Cabeza; Luís Bragança

2.2.25 Transition to a Low-carbon Economy and Sustainable Consumption and Production – The role of GALERI

Sabyasachi Saha; Pamla Gopaul; Sachin Chaturvedi; Syed Arslan Ali; R Balasubramaniam; Nicolas Buchoud; Shailly Kedia; Daniel Kehrer; Holger Kuhle; Thomas Pogge; Heerad Sabeti; Rolf Schwarz; Gopalkrishna Tadas

2.2.28 Key Policy Enablers for the Implementation of G20's High Level Voluntary Principles on Hydrogen

Gabriella Fuentes Cortés; Bárbara Neira Espinoza; Constanza Meneses Santa Cruz; Vicente Cuadra Núñez; Bradford Matteson Willis

Subtopic 3 | *Fostering Investment and Open Innovation for Sociobioeconomy and Nature-based Solutions*

PB # PB Title

2.3.1 Catalyzing public and private investments to scale up socio-bioeconomy and nature-based solutions

Lara Fornabaio; Lisa Sachs; Meike Siegner; Vivek Pandey; Rajat Panwar

2.3.2 Science, Technology, and Innovation (STI) in territorial collaborative laboratories can help achieve the Nationally Determined Contributions (NDC) and Sustainable Development Goals (SDG) targets in G20 countries

Paulo Gadelha; Eliana Sousa Silva; Edmundo Gallo; José Luiz Moutinho; Sérgio Portella; Luiz Galvão; Heloisa Tozato

2.3.4 Unlocking the potential for scaling up financing of methane mitigation from solid waste

Dominic Hogg; Giulia Ceccarelli; Carlos Silva Filho; Vibha Dhawan

2.3.7 Supporting community-led bioeconomy development and nature-based solutions (NbS) in the Global South

Hannah Sack; Sumetee Pahwa Gajjar; Hannah Reid; Anvita Pandey

2.3.9 Catalysing Investments Towards Nature-based Solutions in the Global South

Shreya Wadhawan; Florence Karine Laloë; Aryan Bajpai; Charles Karangwa; Ajita Tiwari Padhi

2.3.10 Nature based solutions- Fostering an inclusive approach to technological innovations by marginalised voices

Pyrou Chung; Dona Mathew

2.3.11 Rethinking sustainable finance for drylands

Bradley Todd Hiller; Fatma Jobran; Andrea Meza Murillo; Wael Adli Bushah; Daouda Ndiaye

2.3.12 Nurturing innovative investment in nature: Eight recommendations across finance and facilitation

Matthew Stephenson; Brittaney Warren

2.3.13 Empowering Sociobioeconomic Stewardship: Integrating Local Cooperatives into Global Value Chains for Inclusive Development

John James Loomis; Marc Eric Barda Picavet; Jose Antonio Puppim de Oliveira; Khalid Nadvi; Luciana Marques Vieira; Aarti Krishnan

Subtopic 4 | Investing in Sustainable, Inclusive, and Resilient Infrastructure

PB # PB Title

2.4.2 Investing in Sustainable, Inclusive, and Resilient Green Infrastructure

jeeno soa george; Saikat Kumar Paul; Richa Dhawale; Ankita Patnaik; Liz Mariya Jacob

2.4.3 Climate change and cities: creating sustainable infrastructure systems to address the repercussions of climate change in cities

Elif Güler; Eugenio Morello; Olivia Bina; Giulio Verdini; A. Burak Büyükcivelek; Gülbin Şahinbeyoğlu; Sercan Sevgili; Victoria Jimenez

2.4.4 Opportunities and Challenges for Promoting Sustainable, Resilient and Inclusive Infrastructure in the Amazon Basin

Brent Millikan; Maria Elena Rodriguez; Ricardo Abramovay; Cesar Gamboa

2.4.5 Resilient Infrastructure Systems: Closing the Resiliency Gap

Elizabeth Losos; Rodolfo Benevenuto; Michael Max Bühler; Jennifer Whyte; Armando Ortuño; Daniel Galle

2.4.7 Prioritising investments for climate and health resilience in Low- and Middle-Income Countries (LMICs)

Mrunmayee Velukar; Anuj Dandotia; Swati Mahajan; Anuradha Jain; Rohan Verma; Swati Kalra; Nick Kojucharov; Aditya Harit; Rafaela Rocha

2.4.8 Accelerating risk-informed investments in climate-resilient urban infrastructure: A framework-based approach

Ahana Chatterjee; Shreya Wadhawan; Savina Carluccio; Niladri Gupta; Deo Raj Gurung; Sana Dharani; Sharmala Naidoo

2.4.9 Knowledge Capacity for Sustainable Infrastructure: a bottom-up approach

Anthony Bartzokas; Dilek Cetindamar-Kozanoglu

2.4.11 Financing for SDG Priorities: moving forward for people and planet

Avi Silverman; Paula do Santos; Saul Billingsley; Sarika Panda Bhatt; Mirjam Sidik; Clarisse Cunha Linke; Bernado Baranda Sepúlveda; Ayikai Poswayo; Rob McInerney; Raquel Barrios

Subtopic 5 | *Optimising Access to Multilateral and Climate Funds and Leveraging Private Capital for Climate Finance*

PB # PB Title

2.5.3 Activating positive financial tipping points for zero-carbon investments in lower-income countries: a twin-track approach catalysed with international guarantees

Yaroslav Melekh; Joisa Campanher Dutra Saraiva; Jamie Rickman; Michael Grubb; Godfred Bokpin; Lilia Caiado Coelho Beltrao Couto

2.5.4 Using gender lens investing to fight climate change

Agnes Surry; Anne Valko Celestino; Neeti Katoch; Amanda Satterly; Jessica Espinoza

2.5.5 Scaling climate finance for locally-Led adaptation: lessons from the global south

Aryan Bajpai; Vishwas Chitale; Bapon Fakhruddin; Giriraj Amarnath; Gopalika Arora

2.5.6 Designing the new finance architecture for adaptation and resilience

Jorge Gastelumendi; Malini Chakravarty

Subtopic 6 | *Operationalizing Climate Justice through Financing and Technology Transfer*

PB # PB Title

2.6.1 Strengthening Multilateralism and Climate Action through Technology Transfer

Megan Steele; Olalekan Akinbo; Gianpiero Menza; Kevin Dowling; Lukovi Seke; Vincenzo Lorusso; Vanessa Miani; Daniel Trento do Nascimento

2.6.2 Operationalizing Loss & Damage financing for marginalised urban communities

Simone Sandholz; Kai Klause; Magdalena Mirwald; Douwe van Schie; Lucas Turmena; Syed Muhammad Jaffar Abbas; Philip Bananayo; Kees van der Geest; Caroline Kibii; Nabiyya Perennia; Anika Schroeder; Sönke Kreft

2.6.3 Advancing affordable access to climate technologies for clean transition and sustainable industrialization in developing countries

Rachel Thrasher; Nagesh Kumar; Kevin P. Gallagher; Elizabeth Sidiropoulos; Faizel Ismail

2.6.4 Fostering Climate Justice Finance in G20 countries

Maureen Santos; Luiz Henrique Gomes de Moura; César Flores Unzaga; Paula Sandrin; Emiliano Lopes; Julianna Malerba

2.6.5 G20 Strategic Observatory on climate, health, and equity

Carla Vizzotti; Luiz A C Galvão; Dinesh Arora; Mauricio L Barreto; Danielly Magalhães; Pablo Ivan Pereira Ramos

2.6.6 The Strategic Role of Carbon Markets: Catalyzing CDR mechanisms deployment towards a low carbon economy

Isabela Morbach; Mallika Ishwaran

2.6.7 Enabling Fair and Equitable Access to Technology for Combating Gender Inequalities and Climate Change

Saundharaya Khanna; Ruchi Chaudhary; Nakul Sharma; Swayam Prabha Das; Drishika Sharma

2.6.9 Achieving climate justice and equity through vulnerability-based financing

Joseph Upile Matola; Awa Diouf

Subtopic 7 | *Implementing just sustainability reporting requirements: the Role of ESG Metrics*

PB # PB Title

2.7.1 Accelerating the transition to net zero: insights and recommendations from G20 regulations

Lucilla Idalina de Cássia Borges Ramos Dias; Adriana Elera; Alexis McGivern; Fiona Macklin; Kaya Axelsson; Natalie Unterstell

2.7.3 Integrating biodiversity and social inclusion into G20 sustainable finance taxonomies

Daniel Scharwies; Elizabeth Tamayo; Sofia Helena Zanella Carra; Thauan Santos; Luan Santos

2.7.4 Increasing coherence between disclosure standards and frameworks on biodiversity in G20 countries

Theresa Spandel; Max Tetteroo; Sofia Helena Zanella Carra; Bai Yunwen; Cheng Yuqing; Yin Xinyuan; Chen Yingjie; Dai Wei; Vanessa de Souza Pereira; Juliana Lopes

2.7.5 Developing Climate Disclosure to Unlock Climate Finance and Support Financial Stability in Asia and Worldwide

Agnes Surry; Sayuri Shirai; Miyako Enokibori; Sven Teske

2.7.6 Mainstreaming Physical Climate Risk Disclosures and Adaptation in ESG matrices

Shravan Prabhu; Vanya Pandey; Mohammad Rafiuddin; Labanya Prakash Jena; Anushka Maheshwari

LIST OF POLICY BRIEFS TO BE MERGED

Subtopic 2 | *Accelerating Transition to a Low-carbon Economy and Sustainable Consumption/Production*

PB # PB Title

2.2.1 The Role of Liquid Biofuels in Accelerating the Sustainable Energy Transition

Agustín Torroba; Patricia Audi; Celestina Brenes Porras; Jorge Feijóo; Aida Lorenzo; Julio César Arroyo; Luis Fernando Salazar; Rodolfo Rossi; Federico Zerboni; Flavio Eduardo Vieira de Barros Castellari; Massimiliano Corsi; Carlos Castro Seron; Julio Cesar Minelli; Carolina Rojas Hayes; Gustavo Idigoras; Mario Amador; Rodrigo Cardenal; Patricio Miguel Adam; Ivanova Ancheta; Víctor Castro; Carlos Alberto Matheus; Julián Martínez Quijano; Cristina Tayer

2.2.14 Lessons Learned for the Sustainable Expansion of Transport Biofuels in Emerging Markets of Africa, Asia, and Latin America

Glaucia Mendes Souza; Heitor Cantarella; Rubens Maciel Filho; Luiz Augusto Horta Nogueira; Raffaella Rossetto; Jean Felipe Leal Silva; Franziska Müller-Langer; Dina Bacovsky

2.2.29 Reconciling Sustainable Biofuel Production and Food Security through Carbon Markets: Priorities for Global Biofuel Alliance

Venkatachalam Anbumozhi; Suresh Babu; Alin Halimatussadiah; Ritu Mathur; Joana Portugal-Pereira; Elizabeth Sidiropoulos; Tetsushi Sonobe; Kaliappa Kalirajan

Subtopic 3 | *Fostering Investment and Open Innovation for Sociobioeconomy and Nature-based Solutions*

PB # PB Title

2.3.3 Bioeconomy: principles for policies

Rafael Feltran-Barbieri; Erin Gray; Braulina Hipamalhe Baniwa; Bruno Felin; Charles Barber; Cristiane Fontes; Danilo Fernandes; Francisco Apurinã; Francisco de Assis Costa; Harley Silva; Henrique Roncada; Jefferson Ferreira-Ferreira; Jessica Webb; Juliana Brandão; Laio Teixeira; Laís Maciel; Luana Betti; Luciana Medeiros Alves; Mariana Oliveira;

Mirela Sandrini; Miriam Garcia; Raul Ventura Neto; Ricardo Teóphilo Folhes; Ruth Nogueron Chang; Viviane Sobral D. dos Santos

2.3.5 Social innovation to advance a Bio-circular Green Economy: Recommendations for a G20 Action Plan

Francis X. Johnson; Unruan Thongyoosook; Wichaya Komin; Pichaya Surapolchai; Giovanni Tagliani; Hailing Zhu

Subtopic 4 | *Investing in Sustainable, Inclusive, and Resilient Infrastructure*

PB # PB Title

2.4.6 Local Plans for Adapting to Climate Change and Building Urban Resilience

Carolina Ribeiro Mattar; Marcos Fensterseifer Woortmann; Rosie Witton; Mirian Vilela; Sylvia Bontempo; Steve Cinderby

2.4.12 Water Security, human dignity and democratic local governance arrangements.
Promoting water security, human dignity and democratic local governance arrangements

Mirian Vilela; Carolina Riberti Mattar; Marcos Woortmann; Sergio Augusto Ribeiro; Eduardo Araujo Couto; Gabriela Cassimiro; Giovanna P. Rosseto

Subtopic 5 | *Optimising Access to Multilateral and Climate Funds and Leveraging Private Capital for Climate Finance*

PB # PB Title

2.5.1 Data-to-Deal: How can Countries in the Global South Afford the Climate Transition?

Hannah Luscombe; Vivien Foster; Will Collier; Miles Greene; Sam Fankhauser; Jairo Quirós-Tortós

2.5.2 Financing Just Energy Transitions: Unlocking Multilateral Climate Funds and private capital for sustainable transitions

Adrian Chikowore; Ndeye Fatou Sy