



LIST OF ACCEPTED ABSTRACTS FOR T20 SOUTH AFRICA POLICY BRIEFS

Please note: For brevity, only the corresponding author's name is displayed. All abstracts are co-authored.

TASK FORCE 1: TRADE AND INVESTMENT

Subtheme 1: Advancing the Reform of the Multilateral Trading System

- **Dalton Makepeace**, The fragmented support systems hindering trade and investment in Africa, focusing on the challenges faced by SMEs.
- **Nishant Kumar Upadhyay**, The impact of CBAM on WTO policies, highlighting concerns related to trade discrimination and potential violations of global trade norms.
- **João Carlos Ferraz**, Six principles that would balance competition and cooperation and make the world safe for industrial policy.
- **Clara Brandi**, The case for crafting a G20 agenda for cooperation on trade and climate.
- **Clara Brandi**, Strategic recommendations for the G20 to advance reform of the World Trade Organisation (WTO) and strengthen the rules-based global trading system.
- **Atul Kaushik**, Reviving the international trade order to its glory that brought 4% trade volume and 6% trade volume with the advent of the WTO.
- **Jana de Klavier**, How the G20 can build upon its existing initiatives, including the Compact with Africa (CwA), the Initiative on Supporting Industrialisation in Africa and the Trade and Investment Working Group (TIWG).
- **Caroline Dommen**, Reforming the multilateral trading system by an international interdisciplinary research consortium of scholars and experts.
- **Sandra Makumbirofa**, Alternative models of digital trade governance rooted in transparency, accountability, participatory decision-making and economic justice.

Subtheme 2: Inclusive Investment for Sustainable Industrialisation



- **Rob Floyd**, The Need for Better Informed Inclusive Investment for Green Industrial Transformation.
- **Álvaro Ons**, How revamped incentives can propel developing countries towards climate-resilient, carbon-neutral economies amidst fiscal constraints.
- **Oriana Cherini**, The key barriers, principles and support mechanisms for sustainable industrialisation in developing and low-income countries, focusing on the role of MSMEs.
- **Appiah Kusi Adomako**, Promoting Sustainable Industrialization through Inclusive Investment Policies.
- **Adeel Kadri**, The critical role of inclusive investment in advancing sustainable industrialisation, addressing global disparities and the urgent need for resilient, equitable and green economic growth.

Subtheme 3: Value and Supply Chains for Sustainable and Inclusive Economic Growth

- **Emiliano Polo Anaya**, How strategic competition between major economies can act as a catalyst for realigning supply chains to prioritise sustainability, inclusivity and resilience.
- **Krantisager More**, A coordinated G20 strategy to enhance supply chain resilience by harmonising trade policies, fostering green infrastructure investments and scaling digital trade innovations.
- **Anbumozhi Venkatachalam**, Embedding Circulatory in Global Trade: A G20 Roadmap for Catalysing Circular Value Chains.
- **Michelle Márcia Viana Martins**, Policies to prioritise multilateral cooperation through consultation under WTO frameworks, shared data platforms, a dedicated international financial facility and stronger enforcement through integrating environmental provisions into preferential trade agreements.
- **Sadhana Sanjay**, The G20 generic framework for mapping global value chains is useful for investigating vulnerabilities in global value chains.
- **Ankur Malyan**, G20's Roadmap for Scaling Green Hydrogen Trade to Navigate Energy Security and Economic Resilience.
- **Leonardo Park**, Promoting Sustainable and Inclusive Global Supply Chains, Bridging the North-South Divide.
- **Daniel Nagy**, The potential for digital asset registries to be a transformative force in unlocking growth in the global economy.
- **Leonardo David Silva dos Santos**, How emerging economies can navigate the impact of U.S. protectionist policies while advancing a more inclusive and sustainable global trade system.



- **Hanna Norberg**, A strategic framework to enhance South Africa's trade and investment opportunities in critical raw materials (CRM), critical minerals as well as renewable energy products and energy storage solutions.

TASK FORCE 2: DIGITAL TRANSFORMATION

Subtheme 1: Equitable Digital Inclusion

- **Georges Macaire Eyenga**, How Starlink, developed by SpaceX, constitutes a disruptive innovation in the telecommunications sector.
- **Carlos Rey-Moreno**, How connectivity-centered connectivity initiatives help reduce inequality.
- **Viraj Desai**, Recentering Communities: A Participatory Approach for Connectivity.
- **Ingrid Torquato Oliveira**, Mechanisms to enhance digital infrastructure development.
- **Agustina Brizio**, Community networks in the Global North and Global South, and their impact on bridging the digital divide.

Subtheme 2: Digital Government Inclusive and Equitable DPI as SDG Catalyst

- **Anbumozhi Venkatachalam**, Re-Engineering Digital Public Infrastructure for a Sustainable Future.
- **Rob Floyd**, Scaling Digital Public Infrastructure for Transformative Development.
- **Aarti Nyayadhish**, Leveraging Digital Public Infrastructures (DPIs) and enabling digitalization of micro and small enterprises.
- **Stephen Anurag Prathipati**, Bridging the Digital Divide: A policy recommendation to develop DPI Council to accelerate digital access to mainly the health, education and employment sectors.
- **Pria Chetty**, The need for integrated data governance frameworks for Digital Public Infrastructure (DPI) initiatives.
- **Mansi Kedia**, Design principles and implementation roadmaps for delivering inclusive, efficient and secure DPIs.
- **Vidisha Mishra**, Catalyzing Positive Digital Infrastructure Innovation: G20's Role in Advancing Data Agency.
- **Prakash Gupta**, Utilising Digital Public Infrastructure for Social Protection in G20 Countries.
- **Pierrinne Luekes**, Key policy instruments to strengthen the development, governance and sustainability of DPI.

Subtheme 3: Regulation of Emerging Technologies



- **Arun. S. Nair**, Guidelines for the G20 when crafting a declaration on emerging technologies.
- **Danil Kerimi**, Adoption/Innovation of an AI capacity-building fund to ensure inclusive and equitable AI development.
- **Chhavi Banswal**, Deepseek's V3 and R1 Models: Building upon current open weights practices toward comprehensive Open-Source standards is necessary for the advancement of technology.
- **Cecilia Celeste Danesi**, Global Governance of Central Bank Digital Currencies.
- **Nicola Bilotta**, G20 focus on general principles that reflect the current fragmentation of approaches and varying stages of digital asset development.
- **Jonas Chagas Lúcio Valente**, Recommendations on how to promote fair work standards and practices in the platform economy and AI supply chains and promote a more inclusive, equal and sustainable digital transformation.
- **Si Peng**, The paradoxical relationship between digitalization and energy consumption from the perspectives of data centers within the G20.
- **Apoorv Kulkarni**, Recommendations for the G20 to ensure AI systems benefit and empower persons with disabilities rather than perpetuate discrimination.
- **Apoorv Kulkarni**, Guiding principles for achieving equitable distribution through taxation, aligned with SDG 10.4 on fiscal policies to reduce inequality.
- **Fabienne Marco**, Proposal of a dual governance approach that integrates experimentation to ensure agile yet responsible development.
- **Joao Victor Palermo Guimaraes Gianecchini**, The Global Governance Monitoring System (GGMS) and the Transparency and Inclusivity Index for AI Systems (TIAIS).
- **Javier Gonzalez Gomez**, Risks that disinformation poses to democratic values and the role/responsibility of big technological platforms in protecting information integrity.

TASK FORCE 3: FINANCING FOR SUSTAINABLE DEVELOPMENT

Subtheme 1: Reforming and Strengthening the IMF and the MDBs

- **Etsehiwot Negash Kebret**, Strengthening African Financial Institutions: Mobilizing G21 Support for Inclusive Development Financing in Africa



- **Luis Henrique Zamarioli**, Bridging the Climate Finance Gap: Leveraging Subnational Development Banks for Localized Climate Action
- **Maia Colodenco**, Proposals for fairer SDR allocations: delinking SDRs issuances from quotas
- **Priskila Agatha Sulaiman**, Strengthening Disaster Risk Finance in the Asia-Pacific: A Framework for Financial Resilience and Sustainability.
- **Romora Edward Sitorus**, Unlocking Dormant Accounts: A Catalyst for Sustainable Development
- **Ayoub Menzli**, Reforming the IMF for Inclusive Development and Climate-Resilient Growth: Overcoming Structural Inequities and Political Barriers
- **Hatice Beton**, Defining Sustainable Finance for Health: A Common Taxonomy to Mobilize Global Investment
- **Nicolas Gate**, Unlocking Adaptation Finance: Overcoming Barriers Through Standardized Metrics and Enhanced Transparency
- **Anissa Bougre**, Reforming Multilateral Development Banks (MDB) to strengthen locally led adaptation finance

Subtheme 2: Debt and Development

- **Dr Kennedy Mbeva**, How the proposed Africa Credit Rating Agency can advance sovereign debt reforms
- **Jacob Assa**, From Debt Sustainability to Macroeconomic Sustainability: A New Framework for Development-Oriented Debt Assessments
- **Maria Emilia Mamberti**, A Human Rights-Based Framework for Equitable Debt Restructuring: Challenging Power Imbalances in the Global Debt Architecture
- **Laurissa Mühlich**, Strengthening the Global Financial Safety Net: Expanding Equitable Access to Crisis Finance for Sustainable Development
- **Lea Reitmeier**, Integrating Catastrophe Bonds into Sovereign Debt Strategies: Enhancing Resilience through Innovative Disaster Risk Financing
- **Etsehiwo Negash Kebret**, Bridging the Finance Gap: The Role of Innovative Private Capital
- **Rob Floyd**, Re-setting Relations Between Credit Rating Agencies and the Global South
- **Rémy Alexandre Weber**, How the G20 can promote innovative reform of the global debt architecture
- **Badr Mandri**, Carbon-for-Debt Swaps: Aligning Sovereign Debt Sustainability with Climate Resilience in Africa

Subtheme 3: Reinforcing International Taxation Cooperation

- **Nathan Carter Remcho**, Redefining Global Tax Cooperation: An Inclusive Framework for Equitable and Sustainable Development



- **Maria Emilia Mamberti**, Aligning International Tax Cooperation with Human Rights: Mobilising Resources for Sustainable Development and Equality
- **Giovanni Occhiali**, Strengthening Taxation of the Wealthy in Lower-Income Countries: From Enforcement of Existing Taxes to Future Wealth Taxation
- **Martin Hearson**, The G20's crucial role in an uncertain landscape of international tax cooperation
- **Steven Dean**, Strengthening Global Tax Governance through Regional Tax Forums: Empowering Africa, Latin America, and Asia-Pacific in International Tax Negotiations

TASK FORCE 4: SOLIDARITY FOR THE ACHIEVEMENT OF THE SDGs

Subtheme 1: Accelerating SDG Enablers and Reducing Negative Spillovers

- **Jakob Dirksen**, Advancing the Use of Multidimensional Indicators to End Poverty and Inform Equitable Sustainable Development in the G20 and Beyond.
- **Ilcheong Yi**, Life Economies as a transformative framework to address challenges in achieving the SDGs, in particular global inequalities while ensuring that sustainable development remains central to international financing discussions.
- **Alice Alunni**, Good governance of the security sector as instrumental in achieving the Sustainable Development Goals (SDGs), and the Security Sector Governance and Reform (SSG/R) as an essential foundation for sustainable development.
- **Zerin Osho**, Using short-horizon metrics to advance towards mitigation of potent climate pollutants.
- **Margo Thomas**, Building Care Economies for Gender-Inclusive Growth: Leadership from the Global South for the G20.
- **Shaun Palmer**, Investments in African vaccine research and development (R&D) and commercialization in advancing an integrated regional health technology ecosystem, using emerging infectious diseases (EIDs) as a case study.
- **Malena Viú**, Accelerating the achievement of SDGs 1, 4, and 16 through international North-South cooperation, the urgency of systemic transformations, as well as the need to strategically target efforts to address disparities in sustainable development outcomes.
- **Bradley Todd Hiller**, Large-scale greening initiatives as enablers of step-change SDG progress.



- **Bernadette O'Hare**, Increasing financing at the country level to advance the SDGs using the Government Revenue and Development Estimations (GRADE).

Subtheme 2: Reducing Inequalities

- **Megha Jacob**, Strengthening Local Governments: G20's Role in Reducing Health Inequities Through Public Healthcare Expansion:
- **Olayinka Idowu Kareem**, The gender effects of technical measures in agri-food trade.
- **Martin Henseler**, The gendered economic impacts of Russian-Ukraine War (RUW) in inducing trade shocks in Egypt and Kenya
- **Mathias Urban**, Early Childhood Care and Education (ECCE) as key for achieving SDGs, reducing inequalities, and building resilient, inclusive societies.
- **Florencia Caro Sachetti**, Strategies to position care as a cross-cutting G20 priority.
- **Himangana Gupta**, Highlighting the critical role of emotions, like happiness and sadness, in human learning and decision-making, particularly in the face of an uncertain future by draws on neuroscience and psychology.
- **Benjamin Stewart**, Ensuring equitable and meaningful participation in the digital world by proposing policy measures that standardize digital citizenship education across G20 nations and beyond.
- **Lebogang Mosupye-Semenya**, Towards a Gender-Inclusive Approach for Female Representation in AI Innovation in South Africa.
- **Esteban Torre**, The extent of territorial inequality of school exclusion and variables that can predict the phenomena using available educational data at the subnational level from Argentina, Brazil and India.
- **Michelle Perino**, Equitable healthcare access for displaced populations to improve to reduce global inequalities

Subtheme 3: Food Security through Sustainable Food Systems

- **Gebrelibanos Gebremariam**, Assessing ex-ante farmers' preferences for agroecology policy incentives that can help spur adoption using a best-worst scaling experiment in Zimbabwe
- **Samuel Adegbola**, A novel approach to mobilize diaspora investments for sustainable agricultural development through public incentives and digital narratives.



- **Lebogang Sethusha**, Incorporating a market-orientated culture into Urban Agricultural Projects (UAP) to transform them from solely community-based initiatives to market-orientated urban farming enterprises.
- **Carin Smaller**, Extreme levels of concentration in agricultural and food markets across Africa are driving up food insecurity and poverty, and harming small producers, informal enterprises, and vulnerable consumers...Case for Strengthening competition institutions through technical and legal capacity building, effective regional cooperation and increased investment in data, research and analysis.
- **Nisha Chanaliya**, Addressing food security challenges in the Global South.
- **Ricardo Abramovay**, Transforming the Global Agri-food System's Monotony: Collaborative Solutions for Health, Inequalities and Sustainability.
- **Bawa Singh**, Rethinking Sustainable Food Security Strategies: Role of South Africa's G20 Leadership in navigating Climate Change and Global Disruptions.
- **Neel Lohit Pandey**, Examining the millet landscape post the International Year of Millets, while suggesting a supply chain optimisation model.
- **Giulia Bazzan**, Feeding Connections: Enhancing Food Security Through Sustainable City Networks
- **Alejandro Guarin**, Adopting a broader vision of food security beyond production, considering the unique dynamics and needs of cities, particularly in the global South
- **Dimitri Selibas**, WEF Nexus Approach to build Sustainable Food Systems

TASK FORCE 5: ACCELERATING CLIMATE ACTION AND THE JUST ENERGY TRANSITION

Subtheme 1: Promoting Sustainable and Equitable Critical Mineral Value Chains

- **Karabo Mokgonyana**, Reimagining Africa's Critical Mineral Value Chains: From Extraction to Equitable Green Industrialization in a Multipolar World
- **Nidhi Srivastava**, ...developing fit-for-purpose benefit-sharing models to advance sustainable and equitable CETMs value chains in emerging economies
- **Neha Gupta**, Unlocking Africa's Green Energy Potential: Advancing Critical Energy Transition Mineral Supply Chains
- **Talia Contreras**, ...key strategies that mining countries in the Global South could implement to promote equitable value addition, based on recent



examples from the Latin America region (and how the G20 can support this)

- **Tomas Allan**, Equitable Critical Mineral Value Chains: Developing Production and Technological Capabilities in the Global South Through South-South-North Cooperation

Subtheme 2: Scaling Adaptation Finance

- **Mariyam Anaa Hassan**, Adaptation Finance for LDCs & SIDS
- **Zhenyu Ma**, Climate Insurance Instruments
- **Samson Mbewe**, Pathways for Integrating Adaptation & Resilience into Finance Plans
- **Bonolo Segale**, Breaking the Binary Barrier: Rethinking Classifications of Climate Vulnerability
- **Caroline King-Okumu**, Accelerating adaptation to drought risk by Scaling Adaptation Finance

Subtheme 3: Supporting Inclusive, Just Energy Transitions

- **Makpor Mercy Erhi**, The challenges and opportunities of advancing an inclusive just energy transition in developing economies...
- **Xiaobei He**, Analysis of JTFs...urgent need for tailored financial mechanisms, increased risk tolerance in public financing, and enhanced institutional capacity...
- **Parineet Kaur Chowdhury**, ...the G20 countries have a unique opportunity to lead a transition to a cleaner and equitable future, with people and ecology at the core of its ambitions...
- **Jean Dong**, ...AI advancements are driving soaring energy consumption, straining power grids and increasing carbon emissions.
- **Jorge Chediek**,...accelerate H2V adoption globally, ensuring equitable benefits for developing countries and contributing to worldwide economic decarbonization.
- **Beatriz Mattos**, From principles to action: strengthening the G20 approach to just and inclusive energy transition.
- **Shuva Raha**,...how developing countries should continue leveraging the G20 and UNFCCC platforms...amidst a combative geopolitical scenario... (to generate low-cost financing and source technologies for the energy transition)
- **Syed Munir Khasru**, SDG7 and Renewable Energy Innovations – The Road Ahead for Green Growth and Sustainable Trade



- **Sumbal Javed**, Enabling global architecture for just energy transition through country platforms and multilateral diplomacy (health dynamics)
- **Julia Paletta**, ...key recommendations to enhance JETPs as a tool for global climate governance.

Subtheme 4: Biodiversity-Climate-Development Nexus

- **Zerin Osho**, Harvesting Sustainability: How Crop Diversification Fuels Climate and Biodiversity Goals
- **Cecilia Nonifili Yuanita**, Integrating Nature-based Solutions (NbS) into urban infrastructure planning is critical...
- **Amaan Habibulla**, The G20 can lead in institutionalizing the Natural Capital Balance Sheet framework, standardizing natural capital valuation, and embedding ecosystem preservation into global finance.
- **Sulagna Roy**, Strengthening partnerships with Indigenous communities is essential to achieving sustainable development goals while maintaining ecological integrity.
- **Rijit Sengupta**, ...options for the G20 to build trust in valuation and drive investments and innovations that advance the biodiversity-climate-development nexus while keeping an eye on driving equality...

