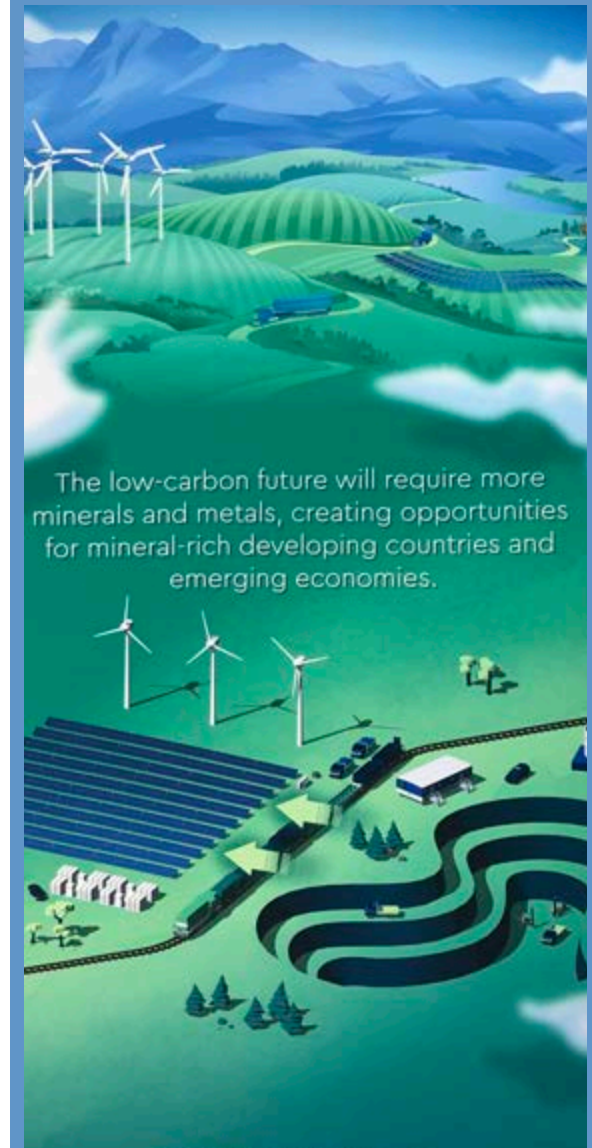


CLIMATE SMART MINING FACILITY LAUNCH & CONFERENCE: GRAPHIC RECORDINGS

MAY 1, 2019



CLIMATE Smart Mining

FACILITY LAUNCH & CONFERENCE
MAY 1, 2019
WORLD BANK GROUP
WASHINGTON, DC

EXTRACT LESS, Recycle more, Be Responsible

KRISTALINA GEORGIEVA, CEO

Clear URGENCY to ACT & SHIFT to a LOW CARBON FUTURE

MEGATRENDS
● MOVE TOWARD DIGITAL ECONOMY & GROWING DEMAND for SPECIFIC MINERALS to SUSTAIN

● SHIFT to CLIMATE ACTION DEMANDS A NEW APPROACH & INNOVATION for MINERAL EXTRACTION & ENERGY SECTOR

WE MUST TAKE ACTION!

Let's LAUNCH a NET-ZERO INITIATIVE in COP25. Join me!

GONZALO MUÑOZ! CLIMATE CHAMPION! first-time held by the PRIVATE SECTOR REPRESENTATIVE

in CHILE Green copper extraction is CRITICAL
WE NEED TO INCREASE 44% renewable energy

MINING accounts for **11%** of GLOBAL ENERGY USE



CIRCULAR RECYCLING

most of the CONFLICTS in LATIN AMERICA are AROUND MINING INDUSTRY

© circular economy



What is needed...

- ADOPT CIRCLE ECONOMY
- REDUCE, REUSE, RECYCLE
- PARTNERSHIPS for INNOVATION across GOVT, INDUSTRY & CITIZEN SOCIETY

1) GRAPHICS by Adi Leigh Brown, adi@10xcollective.com

- ENVIRONMENTAL & SOCIALLY CONSCIOUS
- TRANSPARENT & SHARED



GILLIAN TETT, FINANCIAL TIMES

- INFORMATION
- INVESTMENT
- PARTNERS for COORDINATED APPROACH

- * transparency
- * consistency
- * standards

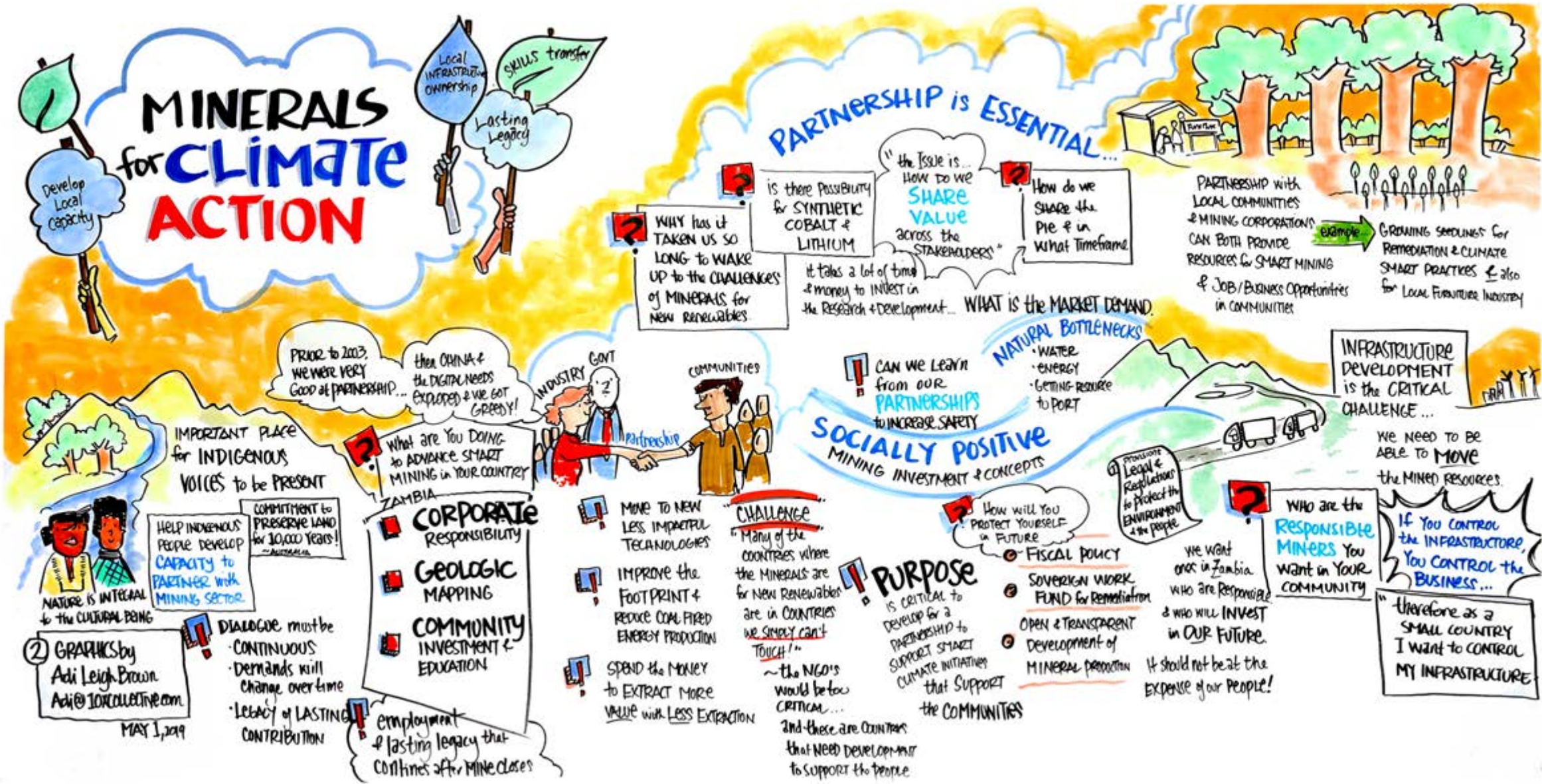
get all this money into the RIGHT PLACE!
WE NEED TO GET THE FOCUS on the TANGIBLE, rather than the Shiny, fresh, dazzling new PRODUCTS

How do we CHANNEL MONEY into RIGHT ACTION
what I saw... MONEY GAP
Focus on low-carbon other less impactful needs

LOGISTICAL CHALLENGES

MINERS & MINING COMMUNITY
MAKE IT VISIBLE ENOUGH TO GET MEANINGFUL ACTION from the LIKES of those at MILIKEN CONFERENCE





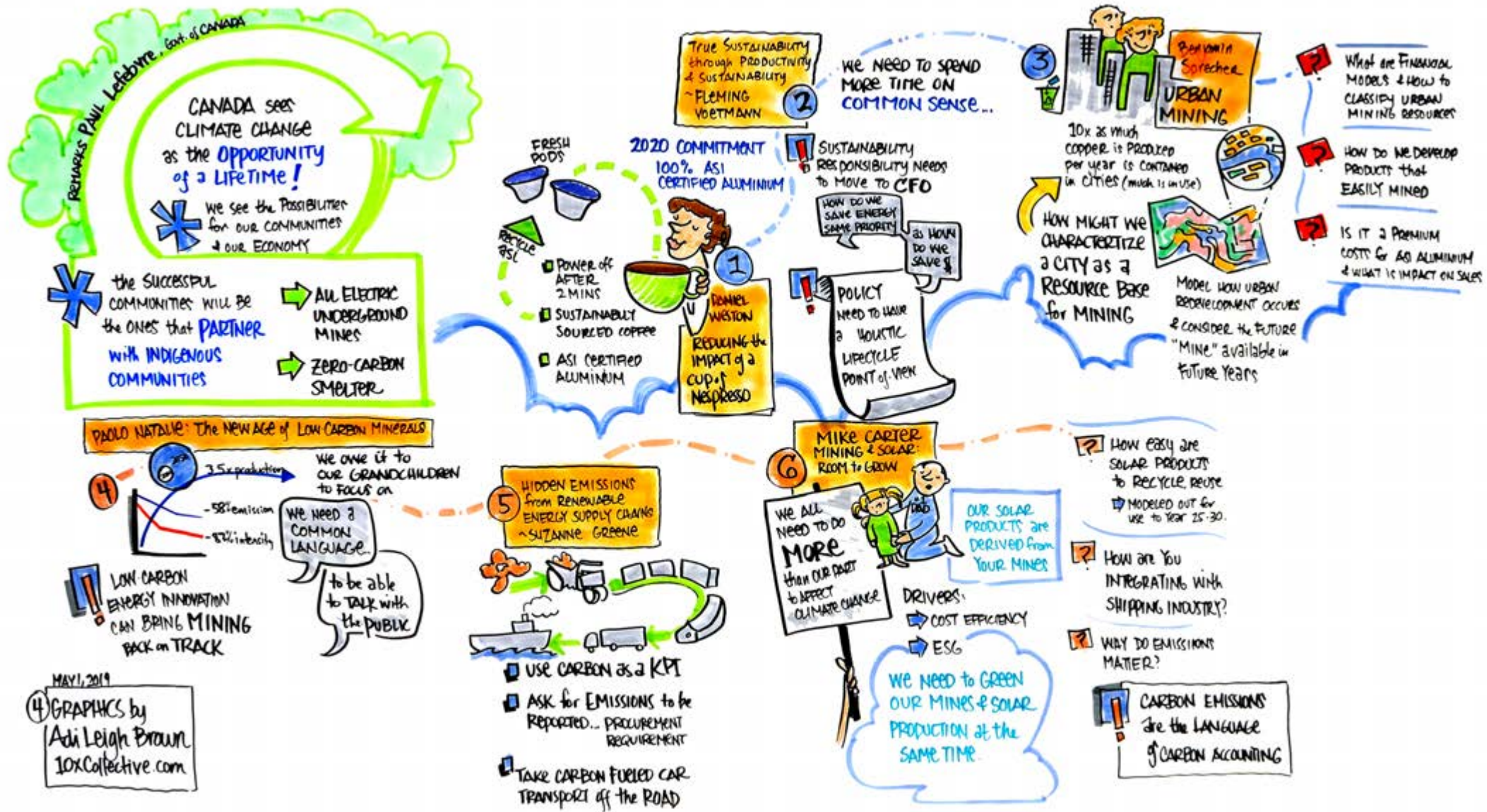
How do we secure the supply of strategic minerals for clean energy technologies by minimizing the climate and environmental footprint throughout the value chain? How do we match the increasing demand for strategic minerals and metals with enhanced responsibility?

Panel: Gillian Tett, America Editor-at-Large, Financial Times (Moderator), Seamus French, CEO of Bulk Commodities, AngloAmerican, JS Jacques, CEO, Rio Tinto, Dawn Madahbee Leach, General Manager, Waubetek Business Development Corporation, Gonzalo Muñoz, High-Level Champion for COP25, Government of Chile, and Richard Musukwa, Minister of Mines and Minerals Development, Government of Zambia



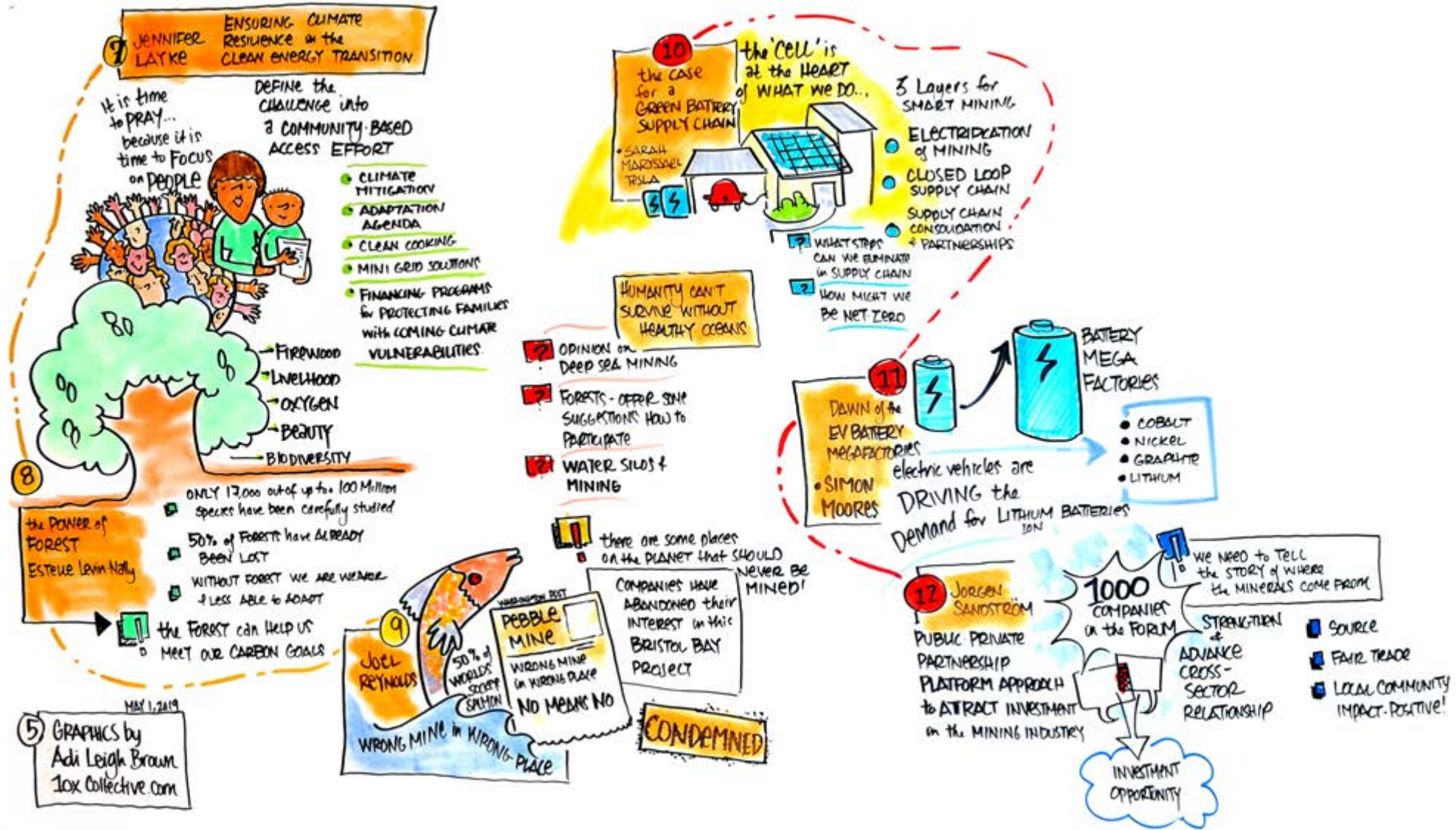
How do we de-risk investments to ensure that resource-rich developing countries are benefiting from the growing demand for critical minerals? What role can innovation and new partnerships play? How can the public and private sectors work together to maximize the impacts for sustainable development?

Panel: Gillian Tett, America Editor-at-Large, *Financial Times* (Moderator); Donald S. Bubar, President & CEO, Avalon Advances Materials; Elaine Dorward-King, Executive Vice President, Sustainability & External Relations, Newmont; Robert Lydan, CEO & Managing Director, Phovontus; Victoria Paz, Director of Strategy & Sustainability, Production Development Corporation (CORFO); Douglas A. Pierson, Managing Director, Global Co-Head of Metals & Mining Investment Banking and Capital Markets, Credit Suisse.



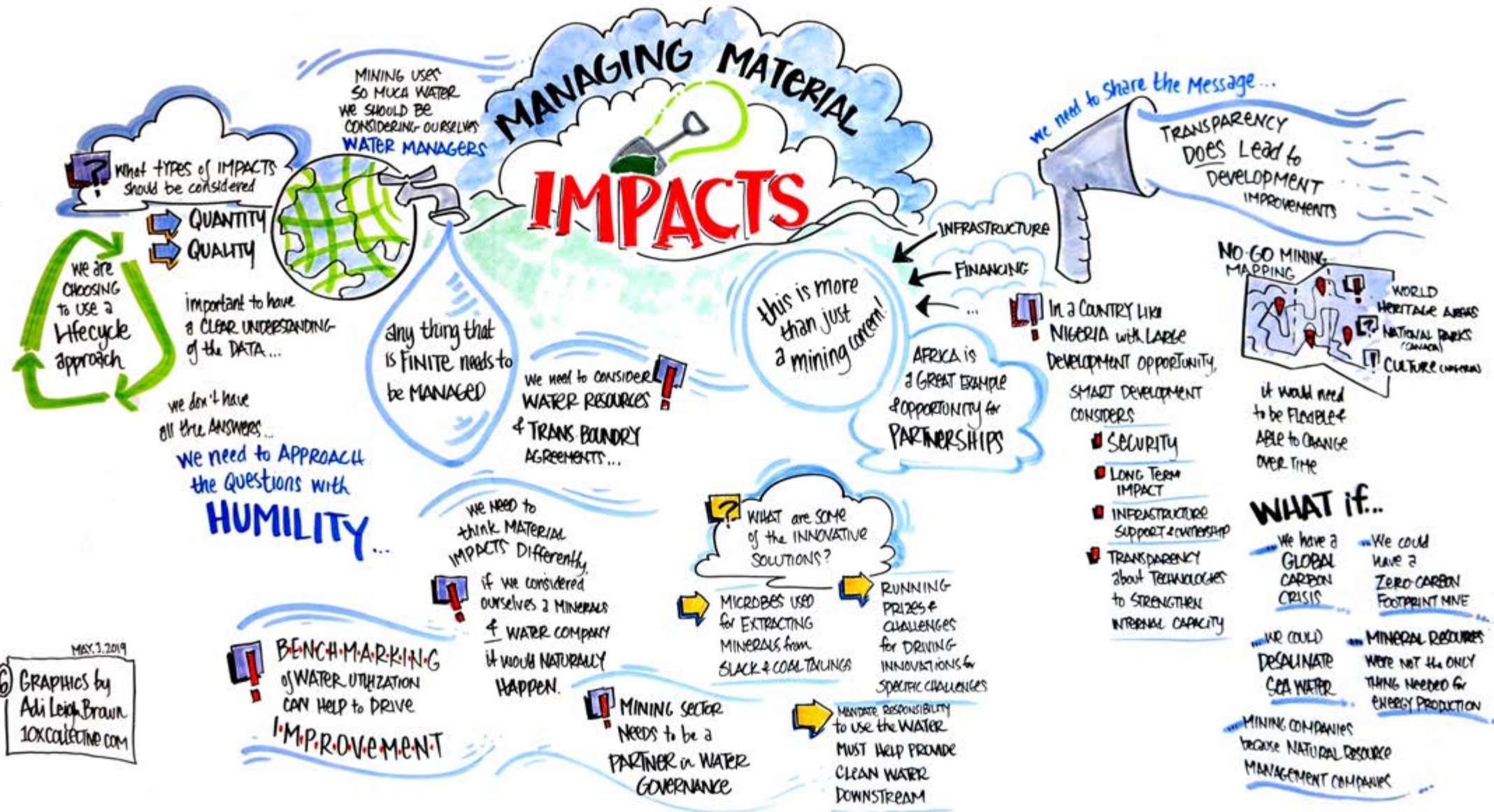
Ignite Talks: How to Implement Climate Smart Mining

Explore opportunities and examples of projects and measures that would work to support the four core themes of climate-smart mining.



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MAY 3, 2019
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 Adi Leish Brown
 10XCOLLECTIVE.COM

How do we reduce the material impact associated with increased extractive and processing activities to supply a carbon-constrained future? What are the pathways to reduce the amount of resources, such as water and energy, needed to produce low-carbon technologies?

Panel: Ed Crooks, US Industry and Energy Editor, Financial Times (Moderator), Saleem Ali, Blue and Gold Distinguished Professor of Energy and the Environment, University of Delaware, Tom Butler, CEO, International Council for Mining & Metals, Paul Lefebvre, Parliamentary Secretary to the Minister of Natural Resources, Government of Canada, Ibukun Odusote, Permanent Secretary, Federal Ministry of the Environment, Government of Nigeria, and Monika Weber-Fahr, CEO & Executive Secretary, Global Water Partnership