United Nations
Climate Change Secretariat

CLIMATE CHAIN COALITION

HOW DIGITAL TECHNOLOGIES CAN SUPPORT CLIMATE ACTION

📅 **5 DECEMBER 2019, 13:15 – 14:45**

🏠 **ROOM 6, HALL 4**

📍 **COP 25 VENUE, IFEMA, AV. DEL PARTENÓN, Nº 5**

The combination of IoT, AI, and DLTs is critical to the mobilization of the full potential of climate policy making. It enables the measurement and attribution of scope 3 climate contribution as well as climate contribution arising from enhancing the circularity of a business.

Moderator: MASSAMBA THIOYE
Manager of Regulatory Development Unit, UNFCCC

SESSION 1		SESSION 2	
Speakers:		**Speakers:**	
JULIA KAE Executive Director, Qlik.org	**JULIA MORENO ROSINO** Data Analyst, C40	**TOM BAUMANN** Co-Chair, Climate Chain Coalition (CCC)	**ANITA MUJUMDAR** Project Manager, Evercity
KWI-GON KIM Bilateral Coordinator, Korea-PNG Climate Smart City Cooperation Program	**MATS PELLBÄCK SCHARP** Head of Sustainability, Ericsson	**HARALD RAUTER** Head of Emerging Disruptive Technology Experimentation, Climate-KIC	**STEVEN HAFT** Head of Global Partnerships, Consensys **MIGUEL LUENGO-OROZ** Chief Data Scientist, UN Global Pulse

SPEAKERS

MASSAMBA THIOYE
Manager of Regulatory Development Unit, UNFCCC

Massamba Thioye is Manager in the Sustainable Development Mechanisms Program of the UNFCCC Secretariat and is leading the development of (i) incentive mechanisms for climate action and (ii) regulations pertaining to measurement of climate outcomes. He is also overseeing the support to enhanced climate action by the financial sector as well as increased access to low capital cost for clean investment in developing countries.

As Co-Chair of the Climate Chain Coalition (CCC), a coalition of more than 100 organizations and member of the Advisory Board of INATBA (International Association for Trusted Blockchain Applications), he is working on use cases of DLTs for climate and sustainability action.

He is also co-chairing the development of ISO 14097 "Framework and principles for assessing and reporting investments and financing activities related to climate change". Within the UNFCCC secretariat, Massamba Thioye is leading the work on the application of disruptive technologies to climate and sustainability actions.

Massamba graduated process engineer and has a Ph.D. on energy systems. He published several articles in technical peer-reviewed journals and was awarded "Best scientist in Senegal" by the Senegalese President in 1997.

JULIA KAE
Executive Director, Qlik.org

Julie Kae is currently serving as the Executive Director of Qlik.org and the Global Head of Corporate Responsibility at Qlik. In this role, Ms. Kae leads the organization's program on global sustainability and empowering nonprofits to effectively serve our planet and vulnerable populations. The program includes leading sustainability best practices and reporting internally and externally with clients; managing strategic partnerships with the United Nations, C40 Cities Climate Leadership Group, Great Ormond Street Hospital Children's Charity, Private Sector Roundtable and others; directing a Qlik software grant program; and directing employee engagement activities.

Qlik has received numerous corporate responsibility awards and was named to the list of "Top 10 Most Innovative Companies for Social Good" by Fast Company magazine and others including Corporate Engagement Awards, Third Sector Awards, Charity Times Social Innovation, and a US Government Innovation Award.

Ms. Kae attended the University of Iowa and resides in Boston, MA. She is the President of a nonprofit supporting women and youth programs in Africa called WeSeeHope USA; serves as Board Member to the Friends of Dana Farber Cancer Institute; and is pursuing a graduate degree in Corporate Sustainability at Harvard University.

SPEAKERS

JULIA MORENO ROSINO
Data Analyst,
C40

Julia Moreno Rosino is a City Intelligence Analyst for C40 Cities Climate Leadership Group, a network of +90 megacities committed to ambitious, data-driven climate action in line with the Paris Agreement.

At C40, Julia conducts a range of data analysis and visualization projects, including custom dashboards and applications in Qlik. Her efforts directly support cities to make more informed decisions, benchmark regional and peer activity within C40's networks of practice, and provide data insights on the organization's newest public information-sharing platform, the C40 Knowledge Hub.

Julia holds an MSc with distinction in Environmental Management from London Kingston University, where she was awarded the school prize for best research project; she also holds undergraduate degrees in Pharmacy and Public Health.

KWI-GON KIM
Bilateral Coordinator, Korea-PNG Climate Smart City Cooperation Program

Kwi-Gon Kim is an urban environmental planner. He is a Professor Emeritus of the Seoul National University where he taught climate and sustainable environmental planning from 1978 to 2010. He is also Leader of Community Team, Climate Chain Coalition (CCC) and President of Korea Smart Eco-City Network. For several years, he has worked for the Urban CDM development focusing on a city-wide approach to the CDM with support from smart digital technologies.

He is currently leading the Korea-PNG Climate Smart City Cooperation Program as a Bilateral Coordinator for the climate smart city's contribution to carbon-centered sustainable development of PNG. He is the author of "Low-Carbon Smart Cities: Tools for climate resilience planning" (Springer, 2018).

He received his Master's degree in Regional and Urban Planning at the School of Planning, University of Reading (UK) and a PhD in Planning Studies at the Bartlett School of Architecture and Planning, UCL, University of London, UK.

SPEAKERS

MATS PELLBÄCK SCHARP
Head of Sustainability,
Ericsson

Mats is Head of Sustainability at Ericsson with responsibility for circular economy, energy performance and triple bottom line impact of products, services and company operations. Taking this role after restructuring the Health & Safety organization in the company. During mats leadership the company has set targets that are accepted to be in line with the Science Based Target initiative.

Mats has initiated and participated in various research projects e.g. as a member of the steering group for the Exponential Climate Action Roadmap report as well as ICT & SDGs Report with Columbia University on how information technology has the potential to accelerate development to reach needed halving of global carbon footprint as well as the Sustainable Development Goals.

Before rejoining Ericsson, among several other leading roles, Mats has been Head of Sustainability at Sony Ericsson launching the Green Heart brand for mobile phones and accessories.

TOM BAUMANN
Co-Chair,
Climate Chain Coalition (CCC)

Tom Baumann is co-chair of the Climate Chain Coalition (CCC) - a multi-stakeholder open global network for blockchain and climate.

Tom has worked 20 years on climate change, co-founding 7 startups in the last 12 years, for innovative technologies, collaborative networks, MRV and standards.

Tom focuses on transformational change for transformational change - meaning sustainable solutions at scale require development of radical new enabling-tools, including blockchain combined with governance and financial innovations.

SPEAKERS

HARALD RAUTER
Head of Emerging Disruptive Technology Experimentation, Climate-KIC

Dr. Harald Rauter is Head of Emerging Disruptive Technology Experimentation at the European Institute of Technology Climate-KIC - a Knowledge Innovation Community including Industry players and preeminent European Universities and a public-private entity. In his function, he explores the role of disruptive technologies in the context of whole system transformation initiatives.

His current technology focus is Artificial Intelligence, Blockchain, IoT, Big Data and Cloud Computing.

Harald has both a natural science and a business background. He is passionate about understanding the Interdependence of the Human Behaviour and Emerging Disruptive Technologies in the context of sustainable development and climate change.

ANITA MUJUMDAR
Project Manager,
Evercity

Anita Mujumdar is a project manager at Evercity and Russian Carbon Fund with 3+ years of experience in sustainability-related projects. She holds a degree of MSc in Sustainable Development and Energy from the University of St Andrews, as well as Master's degree in Strategic Management and research position in Moscow State Institute of International Relations.

Her key areas of interest and expertise are renewable energy, sustainable agriculture, sustainable finance.

SPEAKERS

MIGUEL LUENGO-OROZ
Chief Data Scientist,
UN Global Pulse

Dr. Luengo-Oroz is the Chief Data Scientist at UN Global Pulse, an innovation initiative of the United Nations Secretary-General. He is responsible for Global Pulse's technology strategy and head of the data science teams across the network of Pulse labs in New York, Jakarta & Kampala.

As the first data scientist at the United Nations, Miguel has pioneered the use of artificial intelligence for sustainable development and humanitarian action. Over the last decade, he has built teams worldwide bringing big data and AI to operations and policy in domains including poverty, food security, refugees and migrants, conflict prevention, human rights, economic development, gender, hate speech, privacy and climate change.
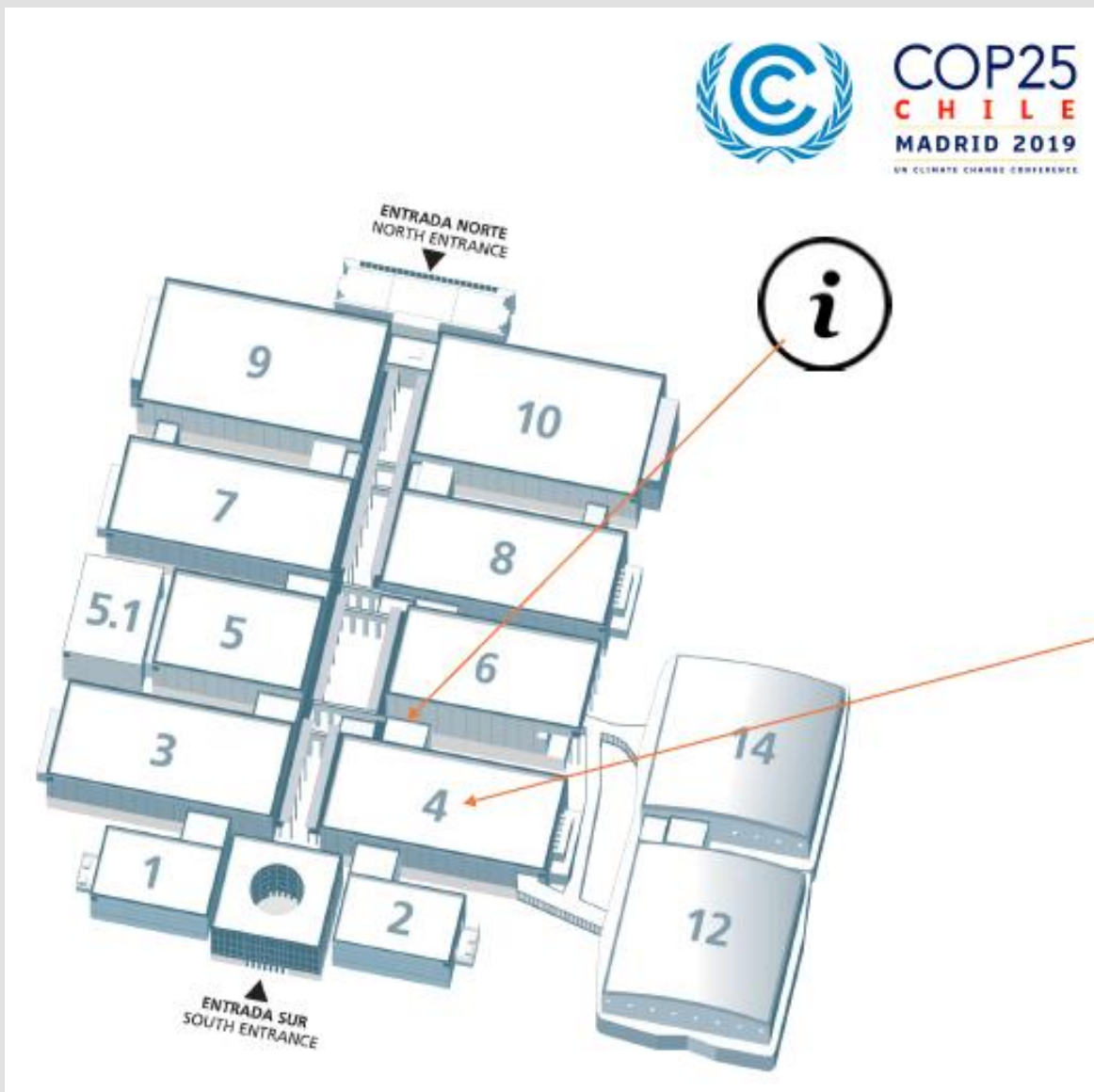
Miguel is the founder of the social enterprise Spotlab, which uses mobile phones, 3d printing and AI for diagnosis of global health diseases. He is the inventor of Malariaspot.org –videogames for collaborative malaria image analysis–, and is affiliated with the Universidad Politécnica de Madrid. Miguel has received the MIT Technology Review TR35 award, the Ashoka fellowship and the European Responsible Research and Innovation award. He holds a PhD and MSc.Eng from the Universidad Politecnica de Madrid and a MSc from the Ecole des Hautes Etudes en Sciences Sociales de Paris.

LOGISTICS

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