

# Sustainable Infrastructure Day

## Rio Conventions Pavilion

### Convention on Biological Diversity, 14<sup>th</sup> Conference of the Parties

#### Sharm el-Sheikh, Egypt

**Saturday, November 17, 2018 | Lunch 13:00 | Event 13:30 – 18:00**

The Nature Conservancy, World Wildlife Fund, Asian Development Bank, European Investment Bank, Infra-Eco Network Europe, Center for Large Landscape Conservation, International Institute for Sustainable Development, RAM Rating Services Berhad, China Biodiversity Conservation and Green Development Foundation, UN Environment-World Conservation Monitoring Center, Arcus Foundation, United Nations Development Programme, International Union for Conservation of Nature-World Commission on Protected Areas, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

### Objective

Sustainable Infrastructure Day takes place at the start of COP 14 – setting the scene for two weeks of discussion and debate on the fundamental importance of mainstreaming biodiversity into our development processes. Thematic sessions over the course of the day will build a comprehensive picture of the role sustainable infrastructure plays in linking major themes and targets of the CBD as well as UNFCCC, UNCCD and other conventions. The sessions will provide opportunities to support the CBD's mainstreaming agenda by exploring the necessary policy steps to ensure that biodiversity is fully incorporated and protected in infrastructure finance and development globally. Speakers will also explore practical solutions for achieving sustainable infrastructure at all levels, from planning to implementation.

### Overview

The public and private sectors are expected to invest \$90 trillion in major infrastructure projects between now and 2030 - essentially doubling the amount of infrastructure on Earth and transforming the surface of the planet. These investments have potential to cause significant harm to biodiversity and the natural environment by destroying or increasing fragmentation of habitat, blocking essential wildlife corridors, depleting nonrenewable resources, and increasing pollution and direct and indirect greenhouse gas emissions. At the same time, new infrastructure investments are not only desirable, but in fact essential for delivering low-carbon and resilient solutions that provide for the food, energy and well-being needs of a growing global population. Smart infrastructure choices can contribute to human development in line with environmental targets, whereas poor choices can lock in unsustainable patterns for decades.

There are widespread gaps in government policies, institutions, research, and planning capacity needed to embed ecological and climate implications in options that account for externalities over the life of an infrastructure investment. The private sector could help drive the shift to more sustainable infrastructure but often lacks a clear understanding of environmental and social risks, which hinders investment, increases costs and ultimately reduces the sustainability of projects.

**Early, strategic-scale planning based on sound science and social engagement** can optimize infrastructure development, avoid costly post hoc changes and minimize environmental impacts. With better planning, **natural infrastructure** can take the place of traditional built solutions and provide ancillary benefits for climate, biodiversity and resilience. Innovations in **science-based design options** can enable nature's flows to be maintained as infrastructure needs are met. Better understanding of environmental risks can spur **public and private finance** to demand more sustainable solutions. Provisions for **compensation for any remaining environmental impacts** can fund offsetting conservation. Practical solutions and good models exist. It is time to pull them together and drive a shift in global norms toward building a sustainable infrastructure future.

## Program

Time	Sessions	
13:00	Buffet Lunch	
13:30	<b>Opening</b> <b>High-Level Panel: Framing a New Vision for the Future of Infrastructure</b>	
	<p><b>Welcome:</b> Linda Krueger, The Nature Conservancy</p> <p><b>Cristiana Paşca Palmer</b> Executive Secretary, Convention on Biological Diversity</p> <p><b>Nik Sekhran</b> Chief Conservation Officer, WWF US</p> <p><b>Panel Discussion moderated by Nik Sekhran</b></p> <p><b>Carlos Manuel Rodriguez</b> Minister of Environment, Costa Rica</p> <p><b>Kacky Andrews</b> Executive Vice President for Global Strategies, The Nature Conservancy</p> <p><b>Eva Mayerhofer</b> Lead Environment and Biodiversity Specialist, European Investment Bank</p> <p><b>Shirley Trundle</b> Director of Wildlife, International, Climate and Forestry; Department for Environment, Food and Rural Affairs, United Kingdom</p>	
14:30	<b>Session 1</b>	<b>Paving the way: Getting a head start on good decisions through science-based 'upstream' planning</b>
	Moderator	<b>Kate Newman</b> Vice President, Forest Public Sector Initiatives WWF US
	Keynote: A future with Tigers and Pandas <i>and</i> the infrastructure we need	<b>Margaret Kinnaird</b> Wildlife Practice Lead WWF
	Toward a 30-year vision on land use planning in Madagascar: the building of an ecological infrastructure to support its economic development	<b>Andriamantsoa Tolojanahary</b> Director Observatory Bureau of Land Use Planning and Tenure Madagascar
	Strengthening climate resilience via ecosystem restoration and management – lessons learnt from GIZ supported initiatives	<b>Kirsten Probst</b> Senior Advisor, Forests, Biodiversity and Agriculture Gesellschaft für Internationale Zusammenarbeit (GIZ)
	Multi-lateral Development Bank strategies for investing in sustainable infrastructure: Moving upstream to bring biodiversity into the mainstream	<b>Bruce Dunn</b> Director, Environment and Safeguards Division Sustainable Development and Climate Change Department Asian Development Bank
	Q&A and Discussion	
15:30	Coffee Break	

Time	Sessions	
16:00	<b>Session 2</b>	<b>Wild Highways: Designing infrastructure to maintain nature's flows and secure connectivity</b>
	Moderator	<b>Alice Hughes</b> Vice Secretary-General, China Biodiversity Conservation and Green Development Foundation (CBCGDF)
	Insuring coral reefs for coastal resilience	<b>Fernando Camacho</b> General Director of Institutional Development and Promotion, Mexican National Commission on Protected Areas - CONANP
	Corridors and Crossings: Designing Linear Infrastructure to Meet Nature's Needs	<b>Rob Ament</b> Senior Conservationist, The Center for Large Landscape Conservation (CLLC) and Co-Chair, Transport Working Group of the IUCN World Commission on Protected Areas Connectivity Conservation Specialist Group
	Connected Landscapes for Tigers	<b>Ashley Brooks</b> Habitats and Human Wildlife Conflict Lead, Tigers Alive WWF
	Combatting Fragmentation in Europe	<b>Lazaros Georgiadis</b> Biologist – Environmentalist, Greece Member, Steering Committee of Infra-Eco Network Europe (IENE)
	Q&A and Discussion	
16:55	<b>Session 3</b>	<b>Risks and incentives: Steering finance toward sustainable infrastructure options</b>
	Moderator	<b>Andrew Deutz</b> Director of International Government Relations The Nature Conservancy
	Why is ESG in credit ratings a game changer for sustainable finance and infrastructure?	<b>Promod Dass</b> Deputy CEO RAM Rating Services Berhad, Malaysia
	Sustainable Asset Valuation or SAVi methodology	<b>Oshani Perera</b> Director, Public Procurement and Infrastructure Finance Programme International Institute for Sustainable Development (IISD)
	Cross-Sector Risk Management Approaches	<b>Anna Gray</b> Environment Manager, IPIECA (representing the Cross-Sector Biodiversity Initiative (CSBI))
	Biodiversity and the infrastructure sector: fostering system-level approaches	<b>Matt Jones</b> Head of Business and Biodiversity UNEP-WCMC
	Q&A and Discussion	
17:50	<b>Closing remarks</b>	<b>Marco Lambertini</b> Director General, WWF
18:00	<b>Event concludes</b>	