

COALITION FOR DISASTER RESILIENT INFRASTRUCTURE

A partnership of national governments, UN agencies and programmes, multilateral development banks and financing mechanisms, the private sector, and knowledge institutions that aims to promote the resilience of new and existing infrastructure systems to climate and disaster risks, thereby ensuring sustainable development.

NEED

Resilient infrastructure is critical for peoples' well-being, quality of life, and economic prospects. It is as much about water-pipes withstanding an earthquake, as it is about people having adequate and safe access to their workplaces, schools, and hospitals. At a macro level, physical infrastructure underpins the achievement of all 17 Sustainable Development Goals (SDGs). An estimated USD 94 trillion is

expected to be invested in infrastructure globally in the next 25 years to sustain economic growth. Meanwhile, recent disasters indicate that up to 66% of total public sector losses in weather and climate related extreme events are related to infrastructure damage. There is a clear need for ensuring that all new and existing infrastructure systems are climate and disaster resilient.

BACKGROUND

Making infrastructure resilient will need to be implemented simultaneously with accelerated and expanded climate action and disaster risk reduction, from the local and national to regional and global scale. It is to address this need that Government of India, in partnership with the UN Office for Disaster Risk Reduction, and in collaboration with the World Bank, the UN Development Programme and the Global Commission on Adaptation, hosted two

International workshops on Disaster Resilient Infrastructure (1st and 2nd IWDRI). CDRI has been conceived and conceptualised over 2018-19 involving substantive consultations with more than 35 countries including advanced economies, developing economies, small island developing countries and landlocked countries representing a range of development, climate, and disaster risk contexts.

MISSION

CDRI will support countries to upgrade their systems for ensuring disaster and climate resilience of existing and future infrastructure. It seeks to rapidly expand the development of and retrofit resilient infrastructure to respond to the

SDGs objectives of expanding universal access to basic services, enabling prosperity, and decent work. CDRI envisions enabling measurable reduction in infrastructure losses from disasters including extreme climate events.

PARTNERSHIPS

Members of the CDRI will determine its form, priorities and functions. The CDRI Secretariat,

located in New Delhi, India will anchor and coordinate these functions.

GUIDING PRINCIPLES

CDRI supports the achievement of goals and targets enshrined in the SDGs, the Paris Climate Agreement, and the Sendai Framework for Disaster Risk Reduction. The CDRI will be guided by the following principles:

Uphold the UN Agenda 2030 principle of leaving no one, no place, and no ecosystem behind, and focus on the most vulnerable regions and populations.

Enable inclusive and deliberative process recognising national and local efforts as primal.

Function as a clearing house of knowledge and expertise, and provide a mix of country specific and global activities

CDRI MISSION

Increase awareness and commitments of governments and other stakeholders



Governance & Policy

Improve availability of knowledge systems



Risk Identification & Estimation

Increase availability of technical assistance and improve capacities



Resilience Standards & Certification



Capacity Development



Innovation & Emerging Technology



Recovery & Reconstruction



Finance



Community Awareness & Capacity

PROGRAMMES

ADVOCACY AND PARTNERSHIPS

- Global events and initiatives
- Marketplace of knowledge financing and implementation agencies
- Dissemination of knowledge products

RESEARCH AND KNOWLEDGE

- Collaborative research
- Global flagship reports
- Global database of infrastructure and sector resilience

TECHNICAL SUPPORT AND CAPACITY

- Disaster Response and recovery support
- Innovation, institutional and community capacity building assistance
- Standards and certification