

Korea NDE's technology cooperation experience with UNFCCC CTCN

Doyoon Kim

**Deputy Director
Strategic Technology Policy Division,**

Ministry of Science and ICT (Korea NDE)



History and key activities of Korea NDE

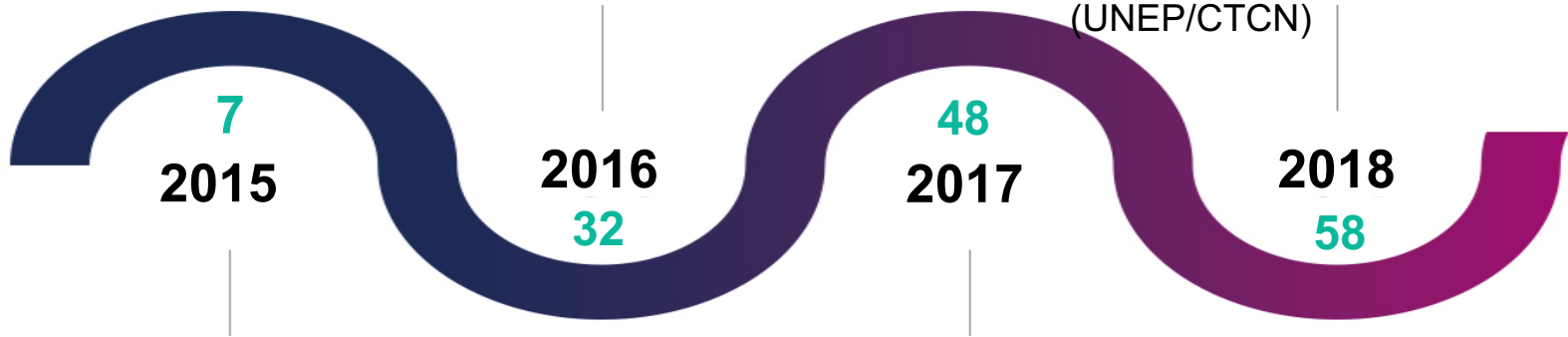
The 13th CTCN board meeting



The Korea NDE has played a role to **facilitate climate technology cooperation** in the country **by promoting and coordinating CTCN activities in the country**

- **Korean CTN member committee**
- **CTCN TAs** (Guinea, Kenya)

- **3 CTCN TA pro-bono contributions** (Sri Lanka, Ethiopia, Serbia)
- **2018 CTCN Regional Forum** for NDEs from Asia and the Pacific (co-host)
- **COP24 Side event**
- **Partnership with CTCN by MOU** (UNEP/CTCN)



Designation of Ministry of Science and ICT (MSIT) as Korea NDE on December 2015

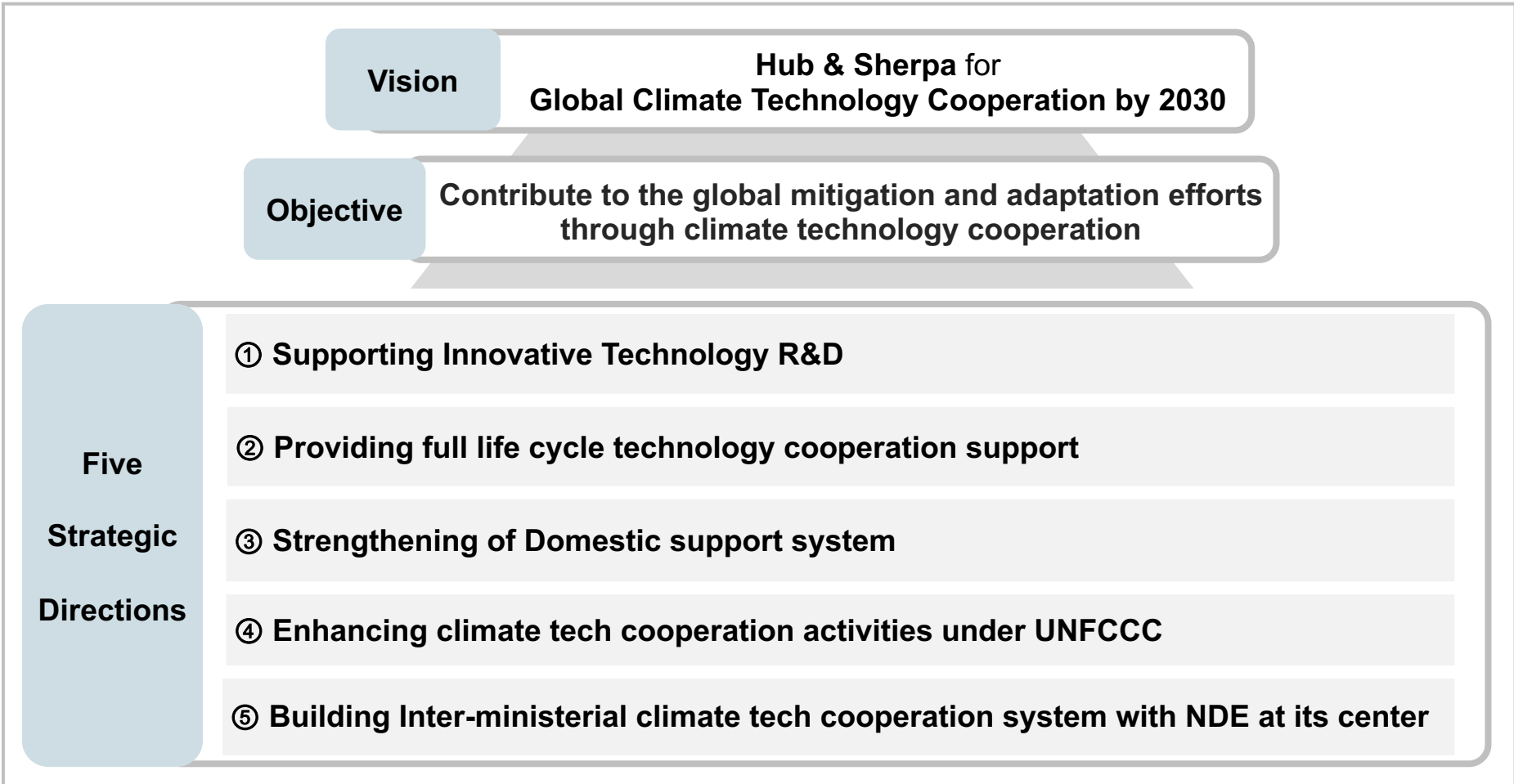
- **Two CTCN TA** (Kenya, Bangladesh) by Korean CTC Network members
- **2017 Korea Climate Technology Expo** with NDEs of partner countries

Global Climate Technology Cooperation Strategy: Role of NDE

The 13th CTCN board meeting



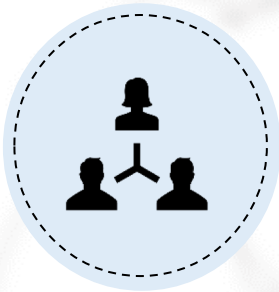
By adopting **2030 Global Climate Technology Cooperation Strategy** in 2018, the Korea NDE sets out its vision as a national hub for global climate technology cooperation by linking Korean technology holders with partner countries around the world.





The Korea NDE facilitates climate technology cooperation in three areas.

① NETWORK



Providing a diverse **opportunities for networking** among climate tech stakeholders and also with other NDEs

② CAPACITY BUILDING



Strengthening the capacity of climate tech stakeholders, by sharing knowledge, best practice, and lessons learned

③ TECHNICAL COOPERATION



Forming enabling cooperative **ground** for partner countries to enhance their climate change resilience

Actions

- (Domestic) Korean CTN member committee
- (International) Cooperation Activities with CTCN and NDEs

- CTCN TAs
- CTCN Pro bono Contributions



To facilitate climate technology cooperation through CTCN,
Korean NDE launched **Korean CTN Member Committee** in 2016

Mission

- Enhance Korean Network members' awareness and participation in the CTCN activities



Actions

- Hold regular meeting (2-3 times per year)
- (Network) Facilitate interactions between Climate Technology Stakeholders in the country
- (Information exchange) Disseminate information related to CTCN activities
(Call for proposals for TA, CTCN events, TA case studies and etc.)
- (Capacity building) enhance capacity of the members to participate in CTCN activities

Impact

- Member affiliation increased up to **59 Members** (12% of global CTN)
- **7 Committee meetings** since 2016
- Approx. **500 participants** attended the Committee meetings since 2016



[Network/Capacity Building] Cooperation Activities with CTCN and NDEs

The 13th CTCN board meeting

Korea NDE has provided **diverse opportunities for networking** among climate tech stakeholders and **capacity building** of the stakeholders in collaboration with CTCN and NDEs

2018. Dec.

- **COP 24 side event on CTCN TA experiences**

2018. July

- **CTCN Regional Forum(Asia and the Pacific)**
- CTCN-Korea NDE co-hosting
- with the participation of NDEs
- **Seoul Climate Initiative**
- **Korea Climate Technology 2018**

2017. Oct.

- **Korea Climate Technology 2017**
- with the participation of NDEs

2017. Sept.

- **Workshop on Strengthening the climate technology cooperation**
- with the CTCN Director Jukka

2016. Nov.

- **2016 Seoul Science & Technology Forum**
- with the participation of NDEs





Korea NDE has collaborated with CTCN on TA Pro-bono support for three partner countries in 2018

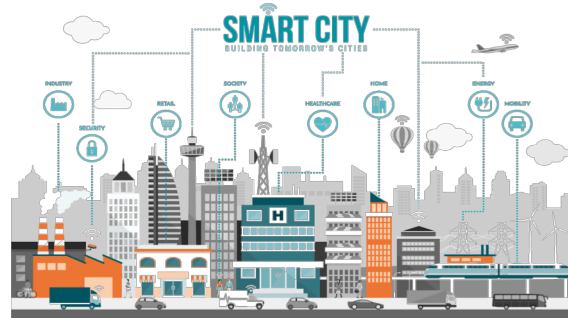
Federal Democratic Republic of Ethiopia



Financing Strategy for Transit Oriented Development

- Devise an effective funding strategy for the realization of the pilot TOD investment in Ethiopia

Democratic Socialist Republic of Sri Lanka



Development of Framework for climate-smart City

- Formulate a Climate-smart city framework for the City of Kurunegala

Republic of Serbia



Incorporating renewable and waste heat technologies to District Heating

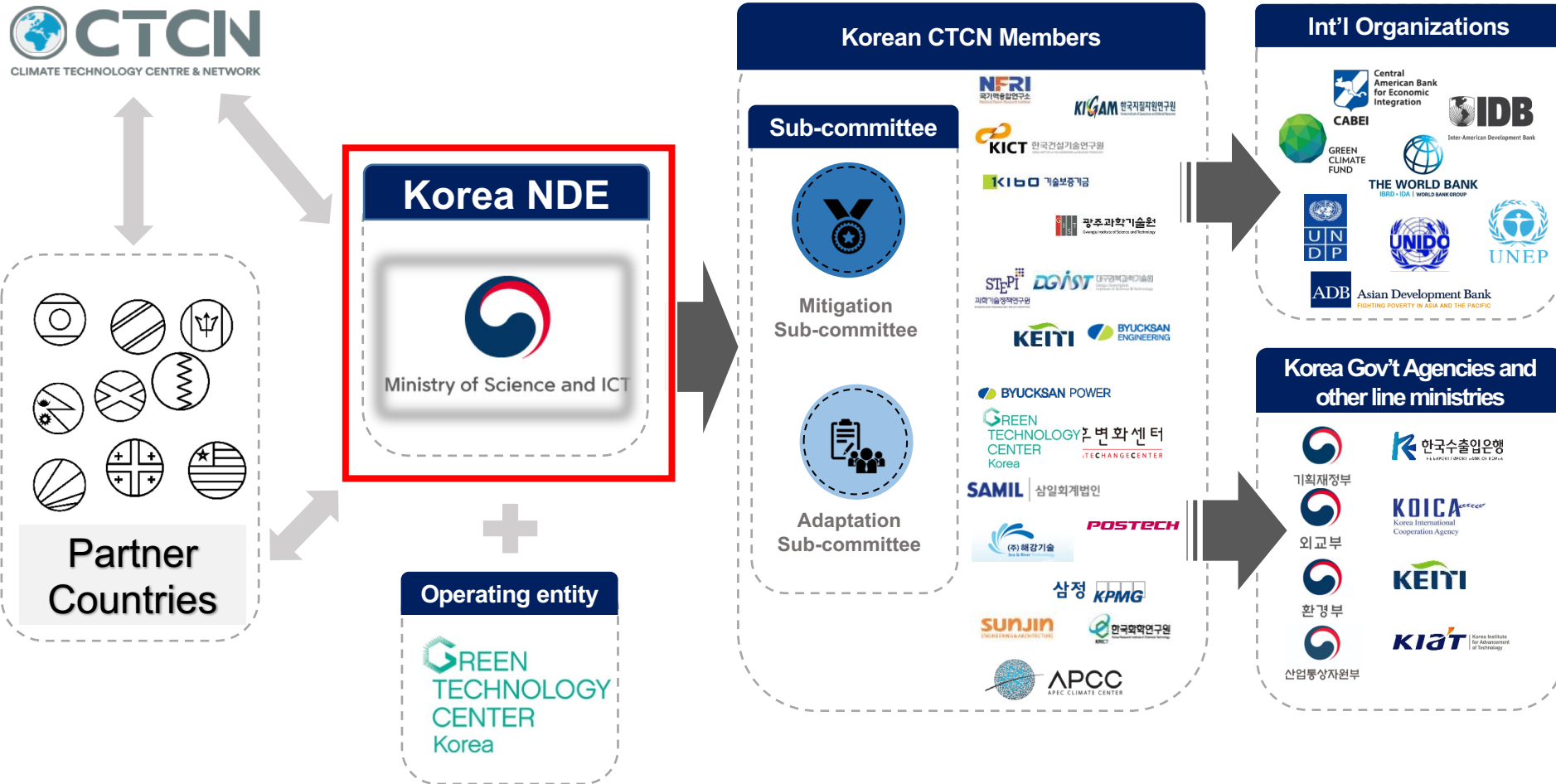
- Identify potential projects of renewable and/or waste heat supply to the City's district heating network.



- Provide support to partner countries in response to their technology needs
- Motivate the participation of climate technology stakeholders in the country

Korean NDE's Vision and Way Forward

The 13th CTCN board meeting





► **CTCN as an innovative platform for technology cooperation**

- **CTCN providing the information on prioritized technology cooperation demands/needs**
- **Demander-Supplier match-making service**
through credible focal points(NDEs) for technology cooperation

► **Diverse and active roles of NDE**

- **Setting a national strategy, which implicates the possible activities of NDE**
- **Designation of supporting agency: Green Technology Center**




[Thank you!]