

글로벌 탄소중립 혁신과 연대를 위한 협력 포럼

International Innovation Forum on Solidarity and Cooperation for Carbon Neutrality

기조연설

ADB-한국 기후테크 허브 ADB-Korea Climate Technology Hub (K-Hub)

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ADB-Korea Climate Technology Hub (K-Hub)

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About Asian Development Bank (ADB)

- Established in 1966
- Currently has 68 members including 49 from Asia and the Pacific and 19 outside
- Non-profit international financial organization with a mission to eradicate extreme poverty and strive for a prosperous, inclusive, resilient, and sustainable Asia and the Pacific
- Committed \$20.5 billion financing in 2022
- Financial products: sovereign loans and grants; private equity investment, loans, and guarantee; and technical assistance
- Climate ambition: a climate bank, targeting providing climate financing of \$100 billion during 2019 to 2030
- Establishing and operationalizing the K-Hub is one of ADB's climate actions

Background for the K-Hub



MOU Signing

MOU signed by the Deputy Prime Minister and Minister of Economy and Finance and ADB President on 03 May 2023



MOU Provision

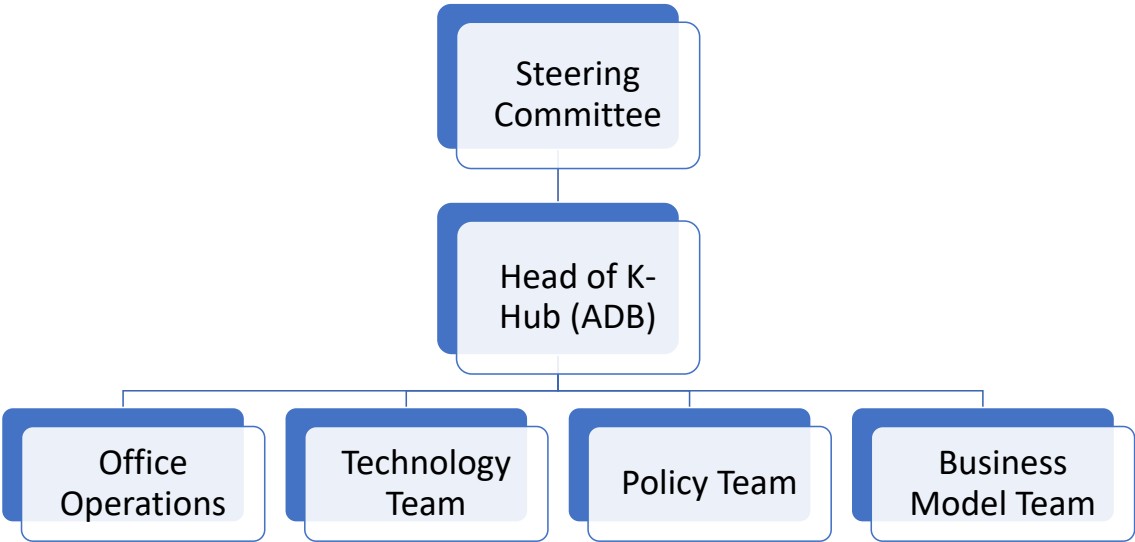
A physical office established in Seoul and operational in 2024

The K-Hub staffed by at least one ADB staff, at least two government staff, and consultants under oversight of a high-level steering committee co-chaired by DG, CCSD and DG, MOEF

Cost sharing between ADB and Korean Government



K-Hub Organizational Structure



What the K-Hub will Do



1. Introduce proven climate technologies to DMCs, bridge information gap, and connect stakeholders in climate technology space



2. Study policies and ecosystems related to climate technology deployment and propose policy options



3. Facilitate deployment of global climate technologies in ADB's Developing Member countries

K-Hub Progress to Date

Host Country Agreement

- Being negotiated targeting signing during May 2024 ADB annual meeting
- Requires ratification by the Korean Parliament

Physical Office

- MOU between ADB and Seoul Metropolitan Government finalized
- Office lease contract under discussion
- Procurement of the office fit-out contractor to be carried out by ADB
- Office opening targeting Q3/Q4 2024

Operational Progress

- Climate technology landscape prepared
- Top ten climate technologies identified
- Green technologies proposed for Nusantara
- Carbon credits and markets paper prepared
- Water desalination technologies compared
- Vietnam power sector brief prepared
- Hydrogen in Asia and the Pacific prepared
- Technology deployment being explored in Bangladesh, China, and Vietnam

Technology Deployment--K-Hub Assistance to Nusantara, Indonesia New Capital



ADB TA office

(To be approved internally)

K-Hub will participate in ADB's proposed office in Nusantara



Digital Twin

K-Hub is exploring a regulatory sandbox for a digital twin for Nusantara urban planning

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Exploring Technology Deployment in other DMCs

Bangladesh

Water desalination technologies

- Exploring carbon credit linked ADB bond issuance to enable technology companies to recover investment while gives no financial burden to the government, and a regulatory sandbox

China

Waste to energy technologies

- Hanki Industrial's miracle cube
- Hyundai's hydrogen from food waste and plastic waste

Viet Nam

Solar and wind power

- SK ecoplant's solar and power projects, for which ADB (Private Sector Operations Department) has signed Non Disclosure Agreement

Cooperation and Partnership



No doubt about the need to cooperate. The big question is how.



The K-Hub can link with overall ADB operations to provide financial and technical assistance, help deal with governments, share risks, and strive for win-win deals



One size does not fit all. Innovative cooperation will be on a case-by- case basis



The K-Hub opens to your views, ideas, proposals, and suggestions



How can we foster countries to put resources and minds together to speed up climate technological breakthroughs and lower climate technology costs for developing countries?

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Useful Website and Contact

- www.adb.org
- www.adb.org/what-we-do/private-sector-financing
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