





LEVERAGING PARTNERSHIP THROUGH IMPACT SHARING : THE VALUE OF PLATFORM

JOOYEON MOON

I RESEARCHER

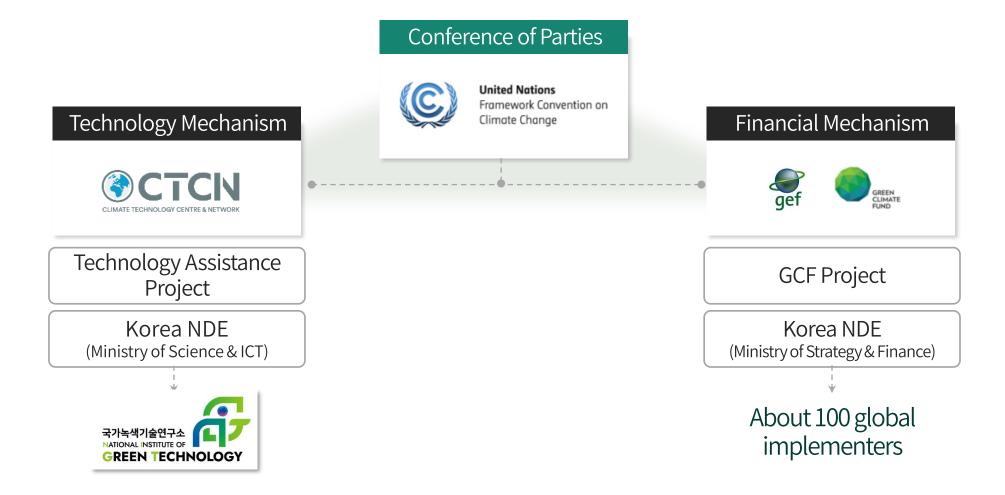
I NATIONAL INSTITUTE OF GREEN TECHNOLOGY

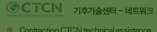


NATIONAL INSTITUTE OF GREEN TECHNOLOGY (NIGT)



- Government-funded policy research institute that tackles green growth challenges and climate change issues with green and climate technologies
- Conduct research to support evidence-based policy and decision-making for climate technology
 implementation and engage in project development and implementation to facilitate climate actions





- Networking with overseas CTCN member

heat technologies in Belgrade's district heating system 재생에너지 기반 지역 에너지 공급 시스템 구축 기술지원

BHUTAN 부탄

- 녹색교통프로그램 구축
- waste management 저탄소 폐기물 관리체계 개선방안 사진

ETHIOPIA 에티오피아

 Financing strategy for Transit Oriented Development (TOD) 대중교통시스템 구축 기술지원

GUINEA 기니

Optimizing Access to Funding for Climate 기후변화 적응을 위한 기술 프로젝트 재정 접근성



- model for sustainable water supply
- 지속가능 저비용 상수도 기술 촉진 사업

SRI LANKA 스리랑카

- Development of a framework for climate smart city 기후스마트 도시 구축 기술지원
- 도시가정용 태양광 보급사업 지원

KAZAKHSTAN 카자흐스탄

IGTIC(국제녹색기술투자센터)와 기후기술 협

BANGLADESH 방글라데시

 Saline water purification for households and low-cost durable housing technology

방글라데시 연안 지역 가정용 해수 담수화 및

for coastal areas

저비용 주택기술 지원 사업

교육시설 친환경화

MONGOLIA 몽골

CHINA 중국

- Investor Relations (IR) for small and mediumsized enterprises project development in developing countries
 - 및 사업 발굴

NORTH KOREA 북한

 Building capacity for Life Cycle Assessment (LCA) of GHG emissions 산업별 기후변화 대응을 위한 전과정평





Growth 글로벌녹색성장연구소

개도국 기술협력 공동프로젝트 수행

CTCN TECHNICAL ASSISTANCE

22 RSD FUNDING inhouse gas reduction with green cement technology

- 탄소저장활용(CCU) 기술 이전 프로젝트 기획 및 재원 연계

ODA (KOREAN GOV'T)

탄소저장활용(CCU) 기술 이전 프로젝트 기획 및 재

 Held the Korea-Vietnam Climate Technology Cooperation Forum and find the project



PHILIPPINES 필리핀

Pre-feasibility study on sanitary landfill

P4G (Partnering for Green Growth and the Global Goals 2030)

친환경 사모서성 개발

- Bankable feasibility study on flare gas recovery 플레어가스 회수 설비 사업 타당성 조사
- 폐기물처리시스템 마스터플랜 수립
- Bankable feasibility study on bio-product project 바이오 원료 제조 타당성 조사
- Bankable feasibility study on waste to energy project. 폐기물에너지화 시설 타당성 조사
- Bankable feasibility study on wave energy project 파력발

기술-재정 연계 활용

THE WORLD BANK 세계은행

Linking technology to financing

IDB 미주개발은행

기술-재정 연계 활용

Support energy efficiency system and LED를 통한 에너지 효율화 제도 및 사업화 지원

Overseas project model development

Small and medium-sized enterprises support

Establishment of global network

해외사업화 모델 개발

글로벌네트워킹 구축

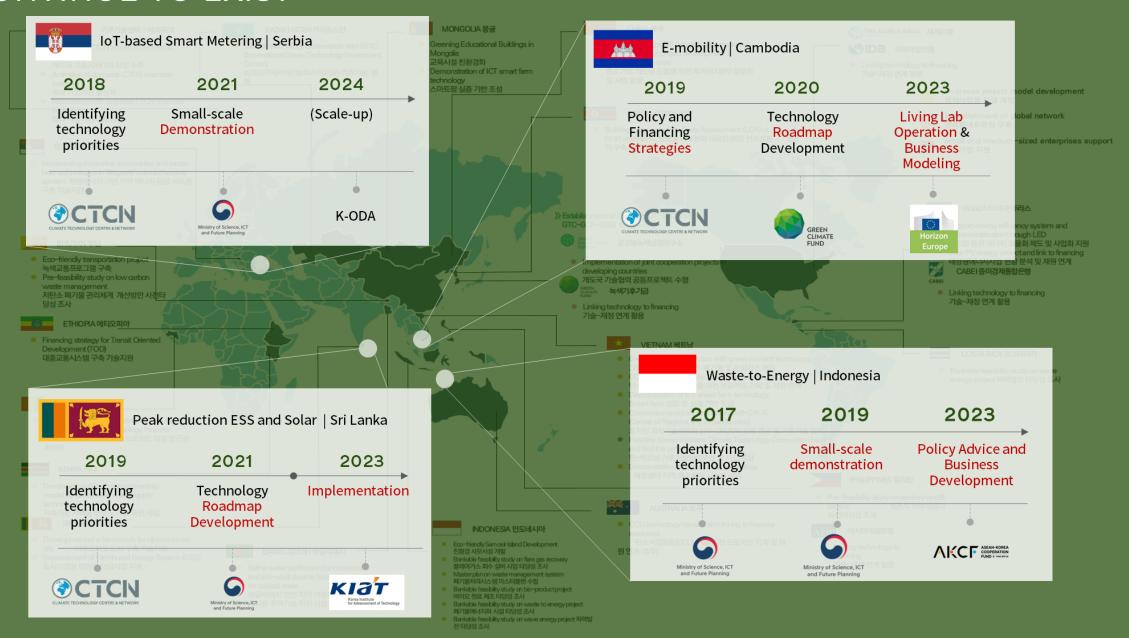
- Solar PV energy project and link to financing 태양광에너지사업 현황 분석 및 재원 연계 CABEI 중미경제통합은행
- Linking technology to financing 기술-재정 연계 활용



COSTA RICA 코스타리카

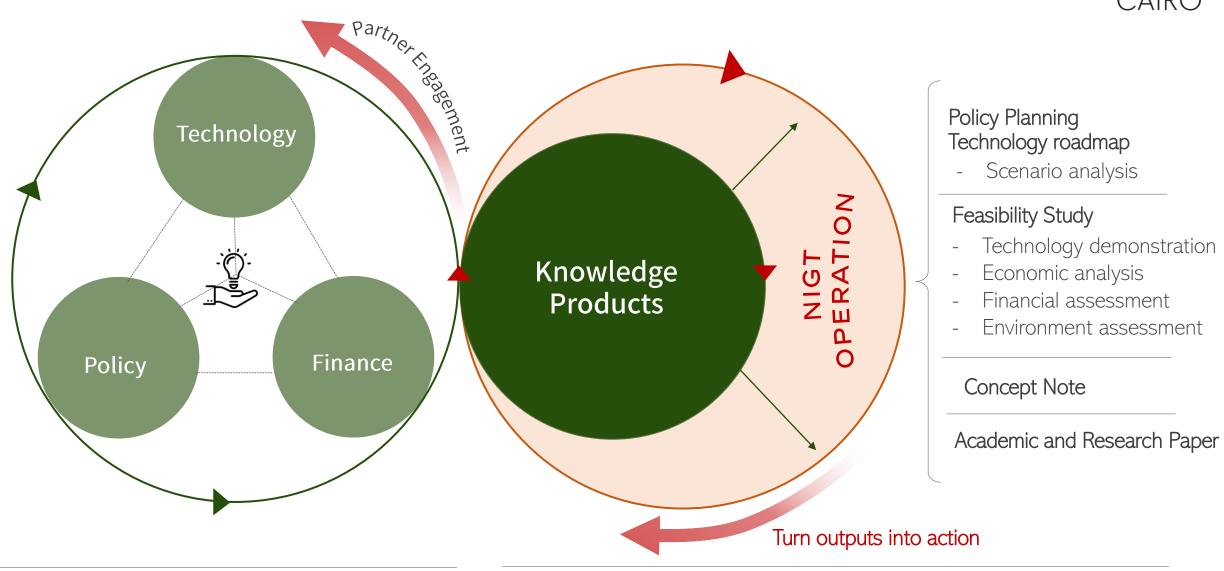
 Bankable feasibility study on wave energy project 파력발전 타당성 조사

SOME PROJECTS ARE PROGRESSING, DEMONSTRATING THAT DEMAND CONTINUE TO EXIST



KNOWLEDGE PRODUCTS ARE KEY SOURCE OF PARTNERSHIP





PROJECT IMPLEMENTATION
WITH PARTNERS

KNOWLEDGE PRODUCTION & DISSEMINATION

NIGT PARTNER'S CURRENT ISSUES AT STAKE



Voluntary carbon market

Supporting development of

evidence-based policy studies

regulatory framework with

Venture capitals and climate startups

Circular economy and business model innovation

Life cycle assessment and carbon accounting

Platform businesses start to integrate carbon indexing in business model

START-UPS Biomass waste to energy (potentially VCM) Technology E-mobility with battery swapping service EV battery recycle and reuse ESS **RELEVANT MINISTRIES** Identification and demonstration of potential climate technologies that could lead to industry development Finance Policy

POWER GENERATION

COMPANIES

- Renewable energy development and carbon market projects (VCM)
- REDD+ for mitigation

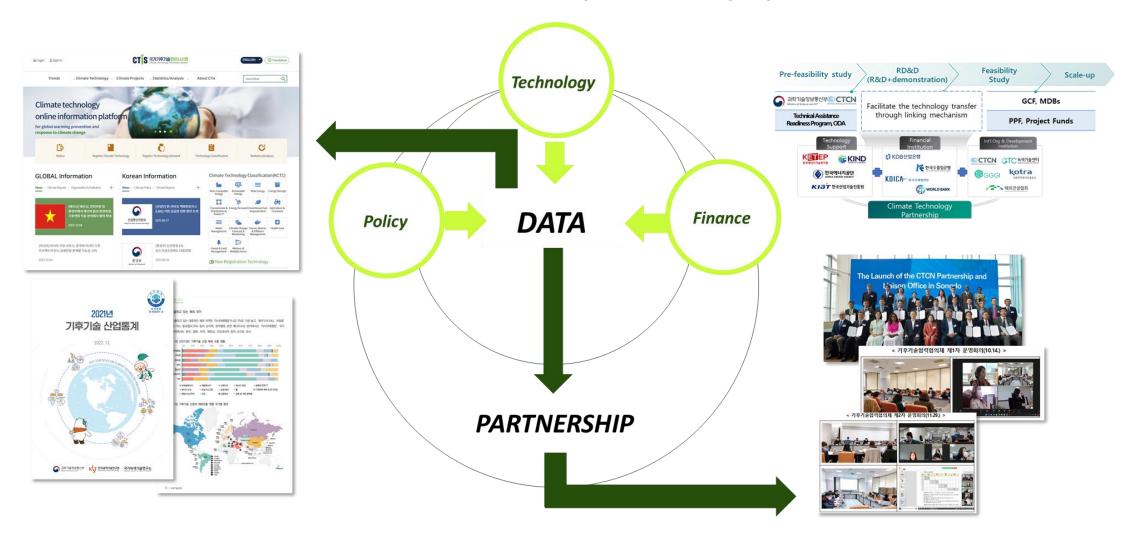
VENTURE CAPITALS

- Innovative business model of startups (food, transport etc)
- Sharing portfolios with public sector for synergies

HOW COULD NIGT ADDS VALUE TO THE EXISTING PLATFORM?

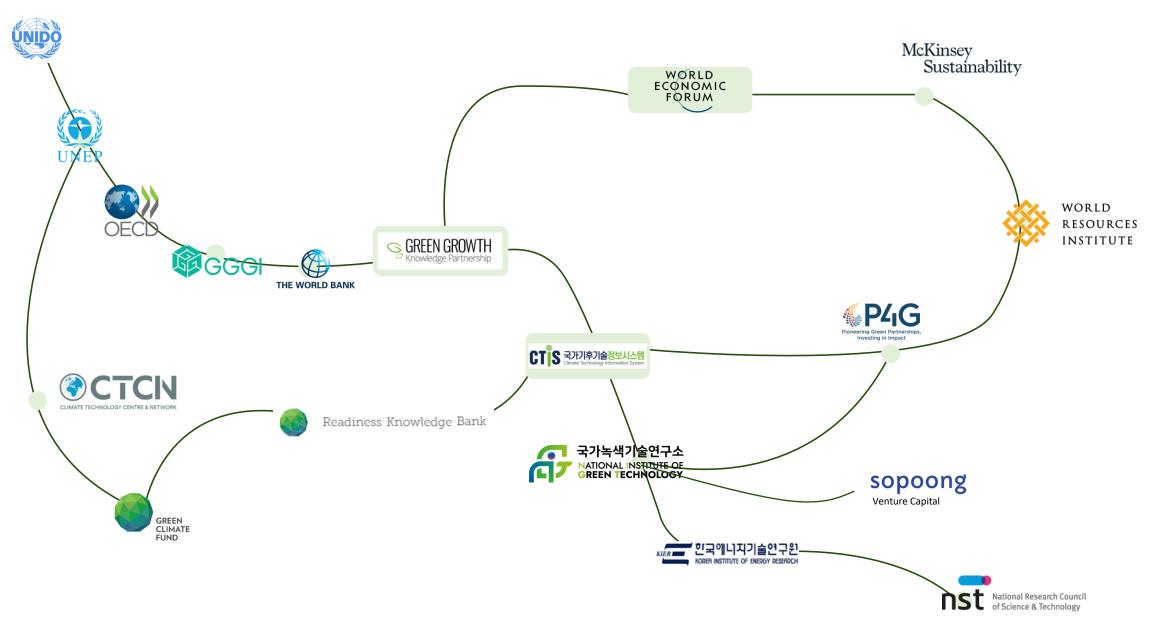


- Co-create implementation strategies
- Generate positive opportunities while identifying and managing systematic risks



THE VALUE OF PLATFORM, SHARING IMPACT AND RESOURCES











THANK YOU

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