# **Asian and Pacific Center For Transfer Of Technology (APCTT)**

Of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

**Draft Strategic Plan of APCTT (2023-27)** 







## **APCTT - An Introduction**

Established in 1977 by the member States of the United Nations ESCAP

All member (53) and associate members (9) of ESCAP are de facto members of APCTT

APCTT is based in New Delhi, India (since 1993)

Host facilities are provided by the Department of Scientific and Industrial Research (DSIR), Government of India

APCTT is governed by Governing Council (GC), comprising members & associate members of ESCAP, elected for 3 years

GC meets annually to review (activities, administration and financials) and advise (work programme)

## Mandate: Strengthen capabilities of member States to

Develop and manage national innovation systems

Develop, transfer, adapt and apply technologies

Improve the terms of transfer of technologies

Identify and promote the development and transfer of technologies relevant to the region



Inauguration of APCTT building on 18<sup>th</sup> November 1993 at New Delhi





## APCTT - Strategic Plan 2023-2027

"Governing Council recommended the Centre to develop a strategic plan and redesign the work programme to bring it into alignment with the current priorities and needs of the member States for consideration by the Council at its eighteenth session". (Decision 7).

Aim: Redesign APCTT work programme

- To enhance relevance, effectiveness, impact and visibility in the Asia Pacific region
- Better align its activities to the current needs and priorities of the region and its member States
- Prioritization of thematic focus for the next five years







# Methodology



## Focused Group Discussions

- (a) APCTT GC Members
- (b) ESCAP Divisions & Regional Institutes
  - (c) UN Country Team
  - (d) Resource Group

## **Thematic Discussions**

- (a) Climate Change
- (b) Emerging Technologies
- (c) Technology Transfer

Key Informant Interviews

Stakeholder survey

Validation Workshop





## **APCTT – Vision and Mission 2023-2027**

#### **VISION**

Enhanced cooperation for adoption, diffusion and transfer of innovative and emerging technologies in the Asia Pacific region for addressing climate change and achieving sustainable development goals

#### **MISSION**

APCTT is the premier Centre for climate change technologies and innovation and promoting technology cooperation in the region

Be a facilitator/enabler & capacity building/knowledge hub for innovative and emerging climate technologies

Promote an enabling environment for technology cooperation and transfer

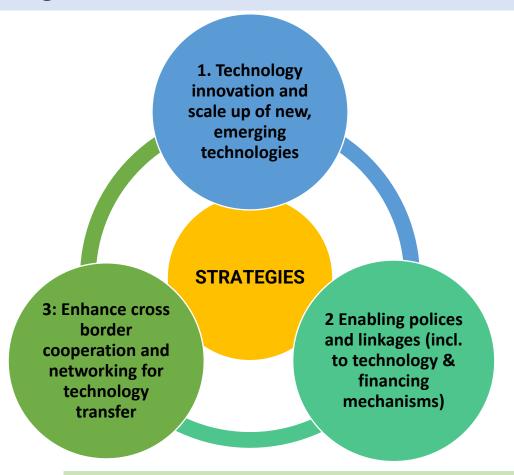
#### **IMPACT**

Increased adoption of emerging and innovative technologies for sustainable achievement





# **Strategic Focus Areas**



Climate Technologies (Climate change mitigation and adaptation)

Energy transition/renewables
 Pollution control
 Climate resilient infrastructure in cities
 Digital and 4IR technologies

Technologies prioritized in the Strategic Plan

» Support achievement of SDGs with particular focus on SDGs 7, 11, 13 and 17





## **Modalities - Service lines**

- Policy reviews, comparative policy analysis
- Technology feasibility studies, absorption roadmaps and strategies
- Support to strengthen innovation and entrepreneurship
- Research in innovative financing and operationalization models
- Thematic projects

Policy and analytical support

Capacity
building and
technical
assistance

- On-demand CB events
- International and regional conferences
- Expert Group Meetings
- Targeted CB modules and trainings
- Training of trainers and eLearning courses
- Fellowship and exchanges
  Strengthen tech Institutional frameworks

- Regional technology databases & compendiums (Database Repository)
- Technology experts pool/databases
- Periodicals, guidebooks, thematic papers, case studies
- Digital knowledge sharing platforms
- Innovation challenges
- Community of Practice

Knowledge Management Technology facilitation & partnerships

rechnology facilitation consultations & Expos Establish linkages with think tanks, specialized & tech support institutions, financing mechanisms

- Facilitate technology demonstrations
- Networking of institutions
- Regional technology cooperation mechanisms
- Joint proposals and Joint programs
- Contribution to Intergovernmental process of ESCAP

### **THEORY OF CHANGE APCTT STRATEGIC PLAN 2023-27**

Long-term **Interventions Outputs** Outcome impact **Impact** 

and action plans;

develop & absorb technologies

scape up technologies

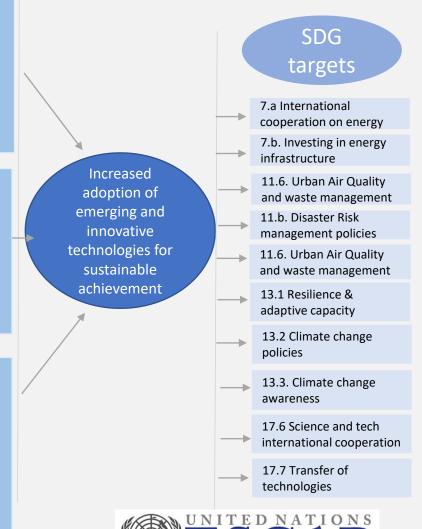
Output 2.1 Enhanced capacity of enabling policies and frameworks

Output 3.1 Enhanced support for the

**Outcome 1**: Member States adopt, absorb, scale up & leapfrog to emerging & innovative technologies (Capacity building)

Outcome 2: Member States enabling policies & frameworks for greater adsorption of emerging & innovative technologies (Policy support)

Outcome 3: Member States (Regional cooperation)



Asian and Pacific Centre for Transfer of Technology (APCTT)

Immediate





## Results to be achieved

Impact: Increased adoption of emerging and innovative technologies for sustainable achievement

#### **Outcomes**

Outcome 1: Member States adopt, absorb, scale up & leapfrog to emerging & innovative technologies (Capacity building)

#### **Indicators**

# No. of member states that adopt technologies prioritised in APCTT's strategic plan

# No. of member states amending policy frameworks for climate technologies

## **Outputs to achieve Outcome 1**

Output 1.1 Enhanced technical knowledge, capacity of innovators and others to develop & absorb technologies

Output 1.2 Enhanced capacity of governments, institutions and industries to scale up technologies

**Key deliverables:** On-demand capacity building; Training modules, Training of Trainers (in partnership with eminent institutions); Young Scientist Fellowships; Needs assessments, Demonstrations, etc.





## Results to be achieved

Outcome 2: Member States formulate and implement enabling policies & frameworks for greater adsorption of emerging & innovative technologies (Policy support)

#### **Indicators:**

# No. of member states that update their policy frameworks for promotion of technologies prioritised in APCTT's strategic plan

# No. of member states accessing financial mechanisms for scaling up technologies prioritised in APCTT's strategic plan

## **Outputs to achieve Outcome 2**

Output 2.1 Enhanced capacity of governments to formulate/implement enabling policies and frameworks

Output 2.2 Enhanced capacity of governments to link financing and technical support mechanisms

**Key deliverables:** Policy reviews; assessments; roadmaps and action plans; research; facilitate partnership for financing of technology transfer, **Repository of information and databases**; **Digital knowledge products**, etc.





## Results to be achieved

Outcome 3: Member States strengthen regional networks & institutions for cooperation & transfer of technologies (Regional cooperation)

#### **Indicators**

- # No. of regional cooperation mechanisms established for technologies prioritised in APCTT's strategic plan
- # No. of member states that have received support for technology transfer through APCTT network
- # No. of thematic areas where APCTT has contributed to Inter-governmental processes of ESCAP

## **Outputs to achieve Outcome 3**

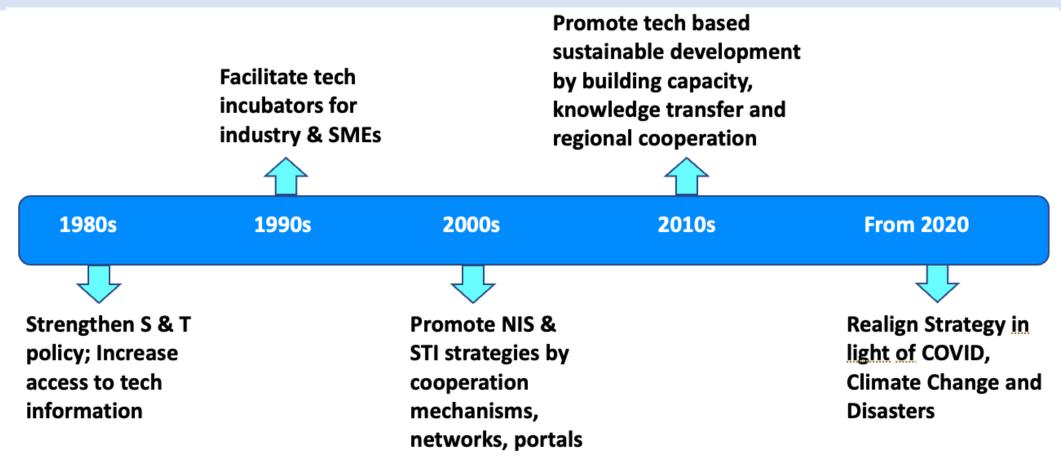
- Output 3.1 Enhanced support for the development and strengthening of regional networks and institutions for cooperation
- Output 3.2 Increased access to and cross-border sharing of regional knowledge on innovative technologies
- Output 3.3 Strengthened capacity of governments to engage in regional cooperation for transfer of technology

**Key deliverables:** Partnerships, regional conferences, regional databases, guidebooks, reports, e-learning courses; regional cooperation mechanisms, joint programmes, Communities of Practice and multistakeholder platforms; Contribution to ESCAP intergovernmental processes for climate technology, etc.





## **Evolution of APCTT over years**



**2023-2027:** Promote accelerated adoption and transfer of emerging and innovative technologies to address climate change and achieve the SDGs through capacity building, knowledge management, technical support and facilitation, and regional cooperation and partnerships.

# Thank you



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