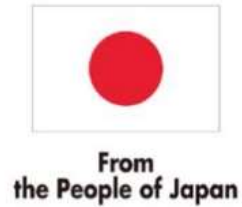


First meeting of the CAREC Skills Development Working Group

Session VI: Supporting Green Skills Development in CAREC

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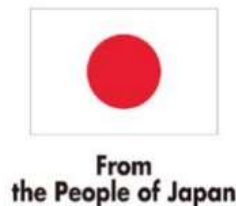
Capacity Building Strategy and Green Skills Development

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Introduction

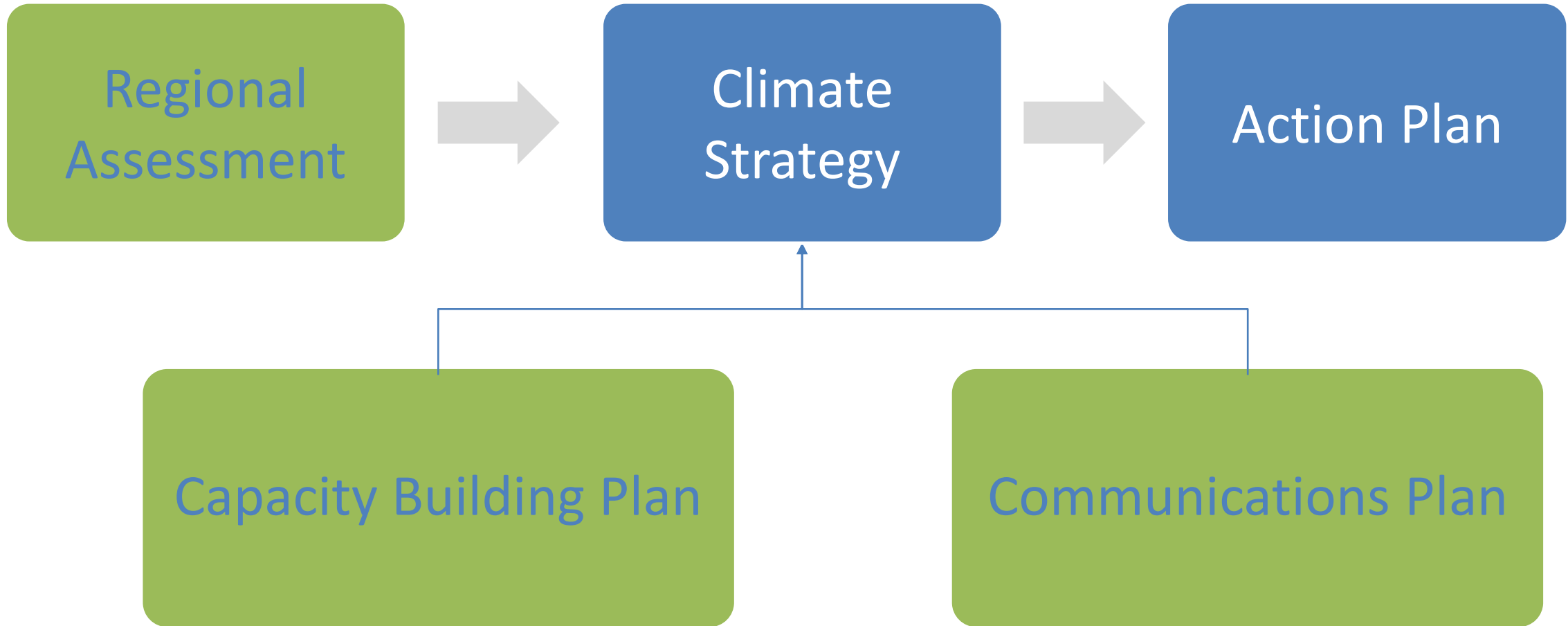
- The Central and West Asia region- about 350 million people, faces **increasing vulnerability to climate change**
- TA 6932- Delivering a Climate Change Strategy for Central and West Asia - **deliver knowledge solutions** to the Central and West Asia Department (CWRD)
- Green transition will require more **determined commitments to education, training**, and a more diversified investment climate.
- Developing Member Countries capacities - **climate actions are still limited**
- Formulated climate policies and strategies – **incomplete**
- Climate risks - **not appropriately identified and managed**
- Private sector investments in adaptation – **low**
- Identification of climate change projects and investments – **limited**
- DMC's knowledge - innovative solutions for climate change –**scarce**
- Information on climate finance and mechanisms - **scattered or nonsystematic**
- Capacity building on climate change - **one-off project-based and with little uptake by DMCs**



Climate Strategy of Central and West Asia- objectives

- To support and streamline climate investments in the ADB Business process and portfolio
- To streamline the process of climate investments between sectors
- To increase support for climate investments on a national level

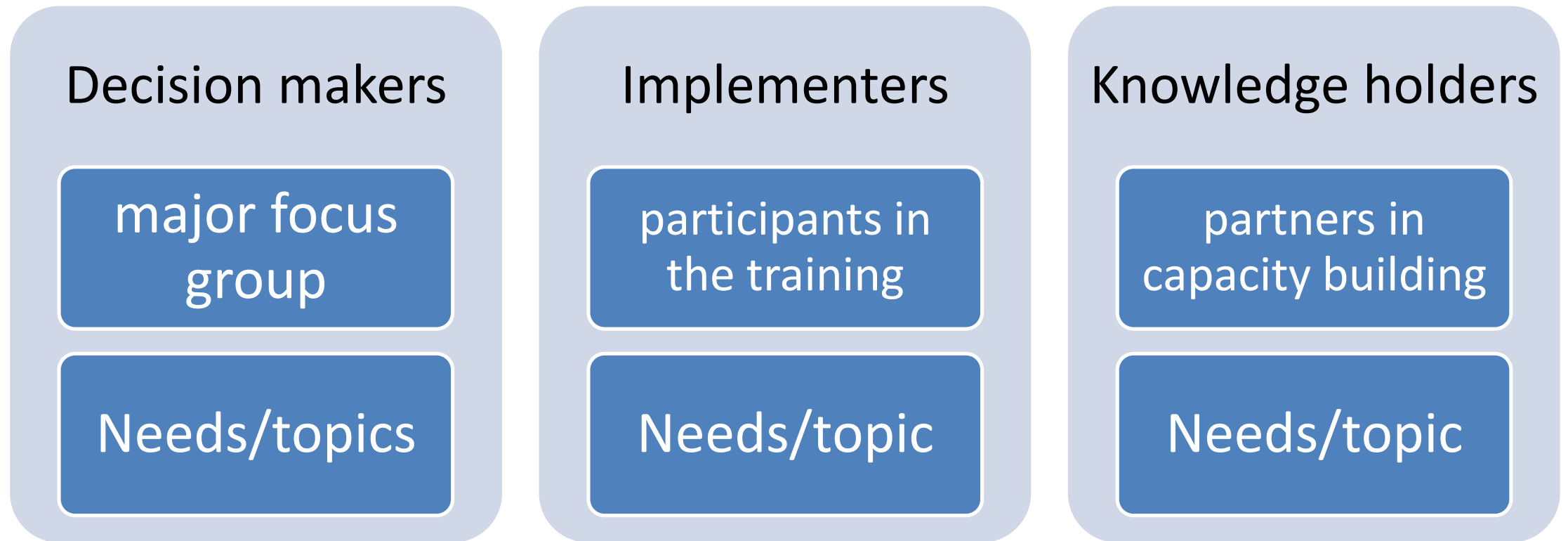
Climate Strategy for Central and West Asia



Capacity Building Strategy and Plan

- Capacity Building Strategy and Plan is developed as part of **ADB Climate Change Strategy for Central and West Asia**
- The **overall objective** of the Capacity Building Strategy and Plan (CBSP) is
 - **to provide strategic guidance and immediate plans for developing and supporting capacity for DMCs to be prepared** to overcome the different challenges of climate change on management of and investments in transition and adaptation
- Capacity development:
 - **holistic improvement of an individual, group, or organization system**
 - “capacity building is a process that improves the ability of a person, group, organization, or system to meet its objectives or to perform better...”
 - Capacity development is a dynamic and continuous process, including training individuals/officials and improving organizational and institutional context systems (Brown, L., LaFond, A., MacIntyre, K., & Sussman, L. (2001). Measuring capacity building)

Stakeholders in Capacity building



Stakeholders in Capacity building

Typology of stakeholder	Stakeholder description
Decision makers- major focus group	<ul style="list-style-type: none"> • Climate focal points of ADB regional division, RM's • High-level representatives of DMCs finance, economic and policy-making institutions • Key staff of financial, economic ministries, and policy-making bodies make strategic decisions on financing matters, including for internationally funded projects. • Climate focal points of DMC
Implementers- participants in the training	<ul style="list-style-type: none"> • ADB's climate focal points in HQ and RM's, • Relevant staff from climate-related ministries and environment • Relevant staff from Energy, water, and other vulnerable sectors- key staff who are entitled to participate in financing decision-making. • Relevant staff from Strategic planning and private sector stakeholders, like finance and business sector.
Knowledge holders- partners in capacity building	<ul style="list-style-type: none"> • Representatives, project managers, and critical project staff from international partners, • Resources persons, trainers, and key staff of civil society organizations, • Key partners from regional organizations • and other relevant actors who can contribute to the improvement of climate financing in DMCs

Decision makers- major focus group	<ul style="list-style-type: none"> • President Administration, • Ministries of Economies, Finance, and Investment, • Ministries of Environment, Ecology and Climate, • ADB regional division, Residence Missions
Implementers- participants of the training	<ul style="list-style-type: none"> • Central Bank and Bans system. • Private Financing Instruments, • Union of Banks /MFA • Microfine associations, • Business Associations, • Ministries of Energy, • Ministries of Agriculture and Livestock, • Ministries of Humanitarian Action and DRR
Knowledge holders- partners in capacity building	<ul style="list-style-type: none"> • CAREC Institute, • CAREC ECO, • REC Caucasus, • EU, WB CAMP4ASB, • German- Kazakh University (DKU), Central Asian Environmental and Climate Change University- Green University, TIAME, IAU • Other relevant universities, education centers

Capacity Building Needs- Sectors

Mitigation/ Adaptation	KAZ	KYR	TAJ	TKM	UZB	ARM	AZE	GEO	PAK	Sub-regional Central Asia	Sub-regional Caucasus	Regional Central West Asia
Water	H/H	M/M	M/M	H/H	H/H	M/ M	M/M	M/M	H/H	H/H	M/M	H/H
Agriculture	M/M	H/H	H/H	H/H	H/H	M/M	M/M	L/ L	H/H	H/H	M/ M	H/H
Energy	H/H	H/H	H/H	M/M	H/H	H/H	H/H	M/M	H/H	H/H	M/M	H/H
Industry	H/ L	M/L	M/L	M/H	H/M	M/M	H/H	M/M	M/L	M/M	M/M	M/M
Health	L/ M	M/H	M/H	M/H	M/H	M/M	M/L	M/M	H/H	M/H	M/M	M/M
Gender issues	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H
Climate Financing	H/M	H/H	H/H	M/H	H/H	M/M	M/M	M/M	H/H	H/H	M/M	H/H
Education and Research	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H
Private sector involvement	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H	H/H

Capacity Building Needs- Thematic areas

CB needs- training opportunities	Economy	Finance	Energy	Agriculture	Water	Industry	Transport	Biodiversity	Buildings	Health	Tourism	DRR
CC general information, CC transition strategies and legislation, Paris Agreement, and NDC	H	H	H	M	M	H	H	M	H	L	L	L
CC adaptation, strategies, and international experience	H	H	H	H	H	H	H	H	H	H	H	H
Nature-based solutions, land, forest, and biodiversity for CC adaptation and mitigation, best practices, and examples	M	M	L	H	H	L	L	H	L	H	M	H
CC standards, indicators and criteria, tools for planning, financing, procurements, and monitoring	H	H	H	H	H	H	H	M	H	L	L	H
Green infrastructure, green technologies, and best practices	H	M	H	H	H	H	H	H	H	M	M	H
EU experience in the green economy, green taxonomy, BAT, ETS, and CBAM	H	H	H	M	M	H	H	M	H	M	L	M
Intersectoral cooperation and the private sector engagement	H	H	H	H	H	H	H	H	H	M	M	H
CC investment projects' identification and preparation	H	H	H	H	H	H	H	H	H	H	H	H
ADB Strategy and Action Plan, tools, opportunities, and new financial mechanisms	H	H	H	H	H	H	H	H	M	H	M	H
Climate Change hazards, exposure, vulnerabilities, and risks assessments and tools	M	M	M	H	H	M	H	H	H	H	L	H
Public participation, local communities and civil society engagement, best practices, and examples	M	L	M	H	H	M	L	H	M	M	H	H
Educational programs for schools and universities, best practices, and opportunities	H	H	M	H	H	L	L	H	M	H	H	H

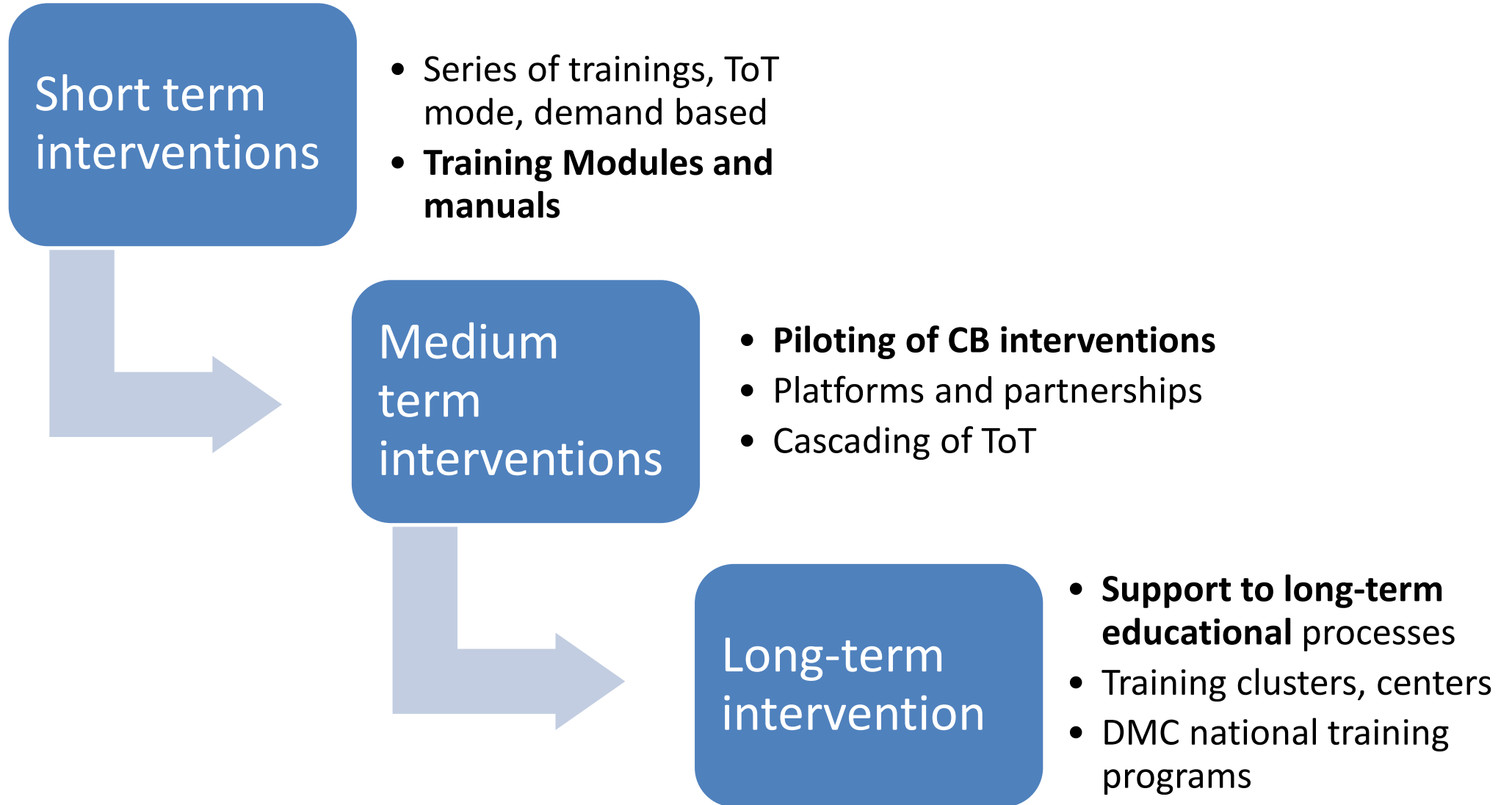
Capacity Building Needs- Stakeholder groups

<p>Decision makers- major focus group</p>	<p>CC general information, CC mitigation strategies and legislation, Paris Agreement and NDC CC standards, indicators and criteria, tools on planning, financing, procurements and monitoring, green infrastructure, green technologies, and best practices, PFM, Inter-sectoral cooperation and the private sector engagement, CC investment projects' identification, and preparation</p>
<p>Implementers- participants in the training</p>	<p>CC general information, mitigation strategies, legislation, Paris Agreement, and INDC. Greening of standards, ESG-based product development, CC adaptation strategies and international experience, Climate Change hazards, exposure, vulnerabilities, and risks assessments and tools, enhanced by communication program for increased outreach</p>
<p>Knowledge holders- partners in capacity building</p>	<p>Educational programs for schools and universities, best practices and opportunities, public participation, local communities and civil society engagement, best practices, and examples</p>

Questions

- Does CBSP reflect all stakeholders and capacity needs?
- What additional stakeholders would you propose?
- Are there any other capacity needs which are not registered by this strategy?

Capacity Building Strategy



Capacity Building Strategy

- **Short term-** a series of training sessions:
 - upon the demand of the DMCs,
 - **concentrated on training high-level technical experts and policymakers from the critical sectors of the economy.**
 - coordinated between IFIs, international organizations, and bilateral and multi-lateral projects
- **Mid-term-** demonstration pilots could be developed as “best practices”:
 - climate-proof financial tools, climate-proof construction standards and materials, CO² trade instruments, etc.
 - Pilots will be supported by TA and used as good/ “best practices” for dissemination
 - DMCs - take up and establish similar systems and practices based on “best practices” cases
 - The documented “best practices” - transferred to the national education systems of DMCs in the third stage of CBSP.
- **Long term-** supporting national capacity-building systems:
 - training centers, universities, and schools - **integrate the topic of climate change into national teaching and training.**
 - The principal partners - Ministries of Education (high and school) and professional training systems of DMCs.
 - Developing the syllabuses, curricula, and handbooks - **significant support.**
 - ToT and experts trained in short and long-term interventions - engaged in the long-term intervention.
 - ADB’s education projects - climate change aspects in the support package,
 - PBLs - prioritize educational programs with a climate change focus.

Implementation of Capacity Building Strategy



- Introducing climate-focused education for the universities and schools



- Setting up skills development centers on green development climate change-



- Developing local capacities on climate change preparedness-



- Developing Climate Learning Systems (CLS) at the regional and DMCs



- Setting up CC capacity building platform and knowledge platform

Implementation of Capacity Building Strategy

CB Strategies	CB interventions	CB Instruments
Introducing <u>climate-focused education</u> for the universities and schools - developing courses, syllabuses, and curricula on climate change for higher education and school systems	<ul style="list-style-type: none"> - Providing teaching materials, - Support with expertise and trainers for the partner universities, school systems 	<ul style="list-style-type: none"> - Training of teachers - Book and handbook development - Setting up centers of excellence on climate education - Support the legislation and standards for education systems
Setting up <u>skills development centers on green development climate change</u> - providing continuous education, re-training for the staff of critical stakeholders and the general population	<ul style="list-style-type: none"> - Support in setting up national training systems on CC, green development - Equipment, technical, and other aspects of operation 	<ul style="list-style-type: none"> - Training materials and provision of ready-made training portfolio - Training expertise on knowhow on IT, AI, and other new sets of skills - Support in setting up legislative and financing mechanisms
Developing <u>local capacities on climate change</u> preparedness- linking up national-level capacities with local needs on climate change	<ul style="list-style-type: none"> - Support in setting up local knowledge centers - Transfer of global experience on local climate activities 	<ul style="list-style-type: none"> - Support in coordination - Provide the materials, equipment - ToT series

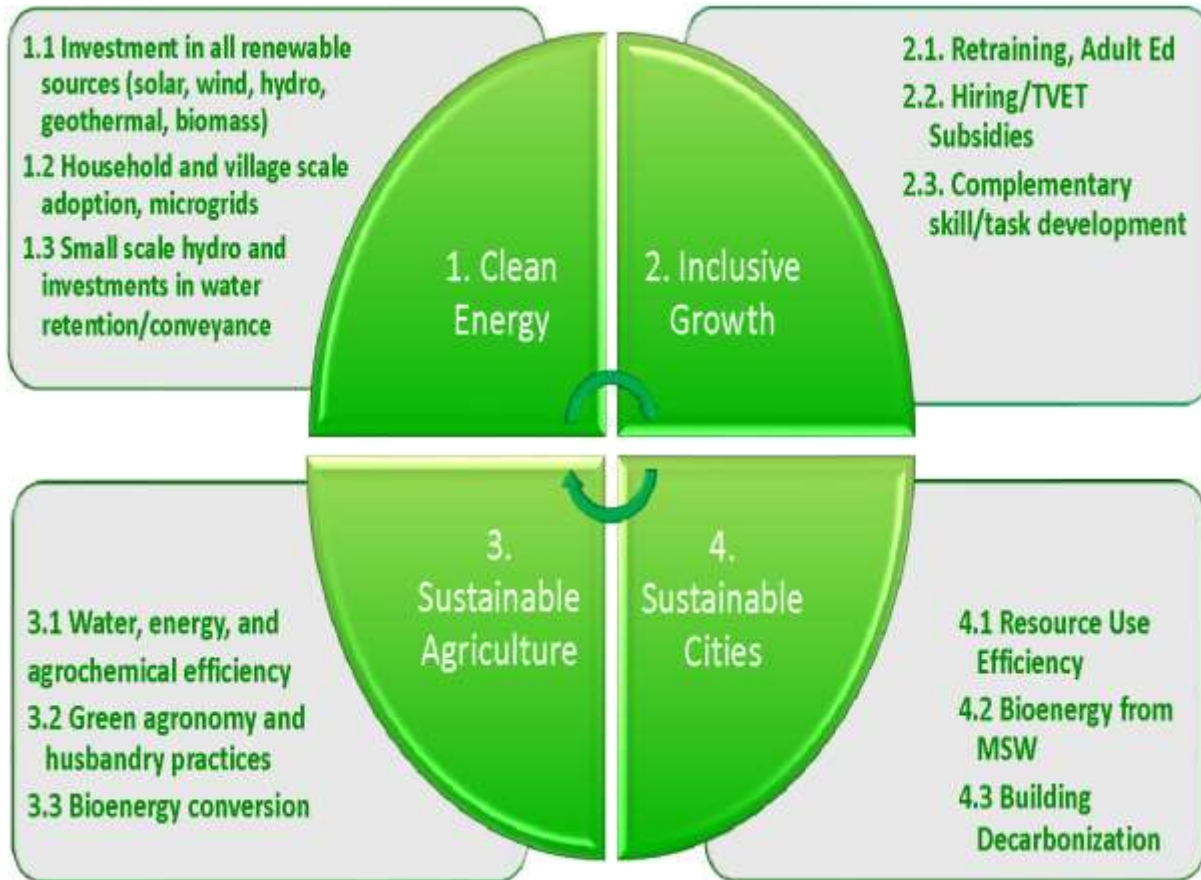
Implementation of Capacity Building Strategy

<p>Developing <u>Climate Learning Systems (CLS)</u> at the regional and DMCs. Continuous regional and national training series on climate change</p>	<ul style="list-style-type: none"> - Partner with IFI's, international partners, and regional institutions to support CLS - Provide technical support and coordination of activities of CLS - Expertise and training materials for CLS 	<ul style="list-style-type: none"> - Setting up coordination for CC-related training series - Materials for Training Series - Support developing training on CC with downscaling and upscaling plans
<p>Setting up CC <u>capacity building platform and knowledge platform</u>. Sustaining the results of the CB efforts by individual projects and activities.</p>	<ul style="list-style-type: none"> - Support in systematizing and uploading all available training materials into the online system (existing or new) - Maintenance of on-line CB platform - Dissemination and upgrade of the training platform 	<ul style="list-style-type: none"> - Support in coordination - Content and training materials - Financial sustainability

Questions

- What are your suggestions on Capacity Building Strategy?
- What additional elements and mechanisms could be added into CB Strategy
- What are your ideas on CB Strategy Implementation?

Green Skills Development



- The Central and West Asia region, comprising about 350 million people, faces **increasing vulnerability to climate change**.
- The **knowledge and support technical assistance** (TA 6932), Delivering a Climate Change Strategy for Central and West Asia, will help **deliver knowledge solutions** to Central and West Asia Department (CWRD)
- Green transition will require more **determined commitments to education, training, and more diversified investment climate**.

Green Skills Development

- **Clean Energy:**
 - Energy services – improved living standards vs. carbon fuel use now threaten the future of the planet and all its inhabitants
 - Energy supply transition - many opportunities at the “bottom of the pyramid” to change traditional energy behaviors and use technologies
 - Determined training and education - a new generation of workers with Green skills and practices
- **Inclusive Growth:**
 - Reorienting economic activity - sustainability goals can lead to significant structural adjustment
 - Shifting demand and supply away from conventional energy should be done with care
 - The growth potential of a Green Energy Transition should not be underestimated
 - Savings from energy efficiency and lower-cost renewables - stimulate diverse domestic job creation
- **Sustainable Agriculture:**
 - Agriculture is a significant source of GHG emissions
 - Basic skills development in the rural sector- improving efficiency, product quality, and agrifood sustainability, including
 - Agrochemical use efficiency
 - Water use efficiency
 - Improved mechanization through direct foreign investment and technology transfer
- **Sustainable Cities-** improvements can be made cost-effectively and inclusively:
 - Policies and education to promote fuel use efficiency, particularly in transport and heat*
 - Similar approaches to water, land, and other natural resources
 - Public transport investments and promotion
 - Waste management practices

Questions

- How do you assess the presented Capacity Building strategy and plan?
- Does CBSP reflect reality in your country, sector, and areas?
- What additional conceptual ideas or activities would you propose to the CBSP
- How you see the relevance of CBSP with your current and planned activities
- What are green skills your university can deliver?
- What support or cooperation do you purpose for developing green skills?

Thank you

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