



TECHNOLOGY DEPLOYMENT COOPERATION PROGRAM (TDCP)

Accelerating the deployment of cost-effective technologies with concessional financing by blending grant resources with IsDB market-based capital resources.

IsDB 
البنك الإسلامي للتنمية
Islamic Development Bank

SCIENCE, TECHNOLOGY AND INNOVATION

Technology Deployment Cooperation Program (STI-TDCP)



WHAT IS TDCP?

The STI-TDCP program is designed to provide improved access to the requisite technology, technical expertise, and concessional financial resources to support the deployment of existing proven and emerging technologies for the benefit of IsDB Member Countries.

WHY IS TDCP IMPORTANT?

Technology and innovation are crucial for achieving sustainable development goals like zero hunger. However, 44% of IsDB member countries are LDMCs with low technology access. IsDB is cognizant of the challenges that member countries face in financing science and technology development and is taking steps to address them through cooperation and partnership. The following models are utilized for program implementation. TDCP will facilitate the affordable and sustainable deployment of critical technologies through North-South, South-South, and triangular regional and international cooperation.

PRIORITY SECTORS AND TECHNOLOGY NEEDS

The program will focus on harnessing technologies with high potential for developmental impact and prioritize sectors that can meet the immediate needs of poor and vulnerable communities of the IsDB Member Countries. Some of the priority technologies may include the following:



Green technologies for agriculture and food security



High-quality construction of infrastructure



Health diagnostics, products and services



Deployment of Information and Communication Technology (ICT) across all sectors



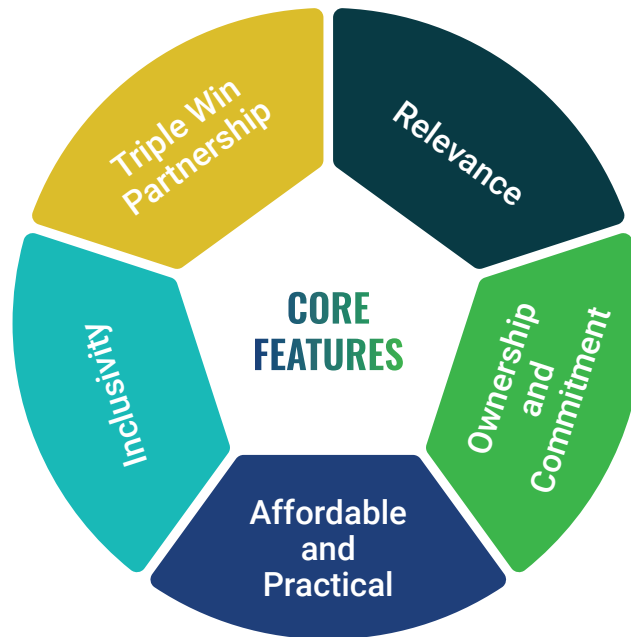
Quality of education and systems



Any other technologies that would meet the developmental needs of IsDB Member Countries



WHAT ARE THE PROGRAM CORE FEATURES?



HOW DOES IT WORK?

- Policy dialogue organized to identify member country challenges and needs.
- Identification of potential technological solutions that can be harnessed.
- Technology demonstrations and matchmaking with potential technology providers.

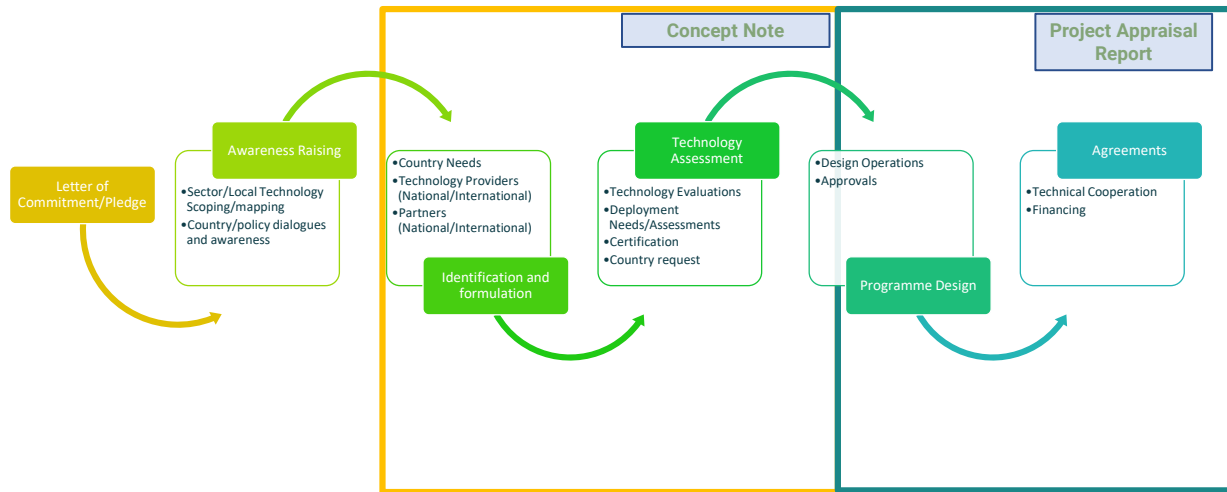
Technology Providers offer pledges to buy-down the IsDB cost of financing for deployment of their technology. Upon receiving the pledge, technology providers will subsequently be referred as Technology Provider Partners (TPP).

Member Country recipient conducts assessment of the technology with support of an independent consultant (provided by IsDB) to ensure that it is technically sound and yields value for money (VFM).

If successful, the TPP will sign a legally binding conditional agreement (conditional upon the approval, signature and award of contract to the TPP) to buy-down the cost of financing. Member Country recipient provides official request.

HOW IS THE PROGRAM INTEGRATED INTO THE PROJECT LIFE CYCLE?

Programme Implementation Procedure



The program is implemented in alignment with IsDB project cycle. There is a continuous active search for potential technologies needed by member countries, in addition to technology mapping exercises, which lead to awareness raising in member countries through IsDB regional hubs. Technology Providers pledge to provide buy-down grants through a letter of commitment. Next, technology demonstrations are conducted to familiarize countries on the required technologies. Formal independent technology assessments are conducted upon expression of interest by the member countries during this stage, which results in a project concept note, formal Member Country request and conditional buy-down agreement by the Technology Partner Provider (TPP), to guide program appraisal/design and finalization of agreements, respectively.

HOW IS THE TECHNOLOGY ASSESSED?

IsDB will conduct awareness sessions to share the benefits of the available technologies provided by its Technology Provider Partners for Member Countries to decide whether they meet their priority needs.

The programme ensures ownership for the adoption of the technology by supporting member countries in ensuring that the technology meets the necessary technical requirements. An independent consultant (provided by IsDB) shall assist them in conducting the technical as well as financial assessment to ensure value for money against similar competing technologies.

WHY IS TDCP INNOVATIVE?



Process is member country driven and needs-based.



Technical and financial support from IsDB to help the Member Country conduct the technology evaluation and certification.



Project design and appraisal driven by the recipient Member Country.



Technology Provider Partners provide turnkey services to deploy the technology solution, develop required capacity, and transfer the operational know-how to the Member Countries for sustainability.



Procurement process is integrated within matchmaking and project design process reducing the project implementation period and the cost.



Increased access to IsDB concessional financing for member countries.

CONTACT

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