PALESTINIAN EXPERTISE
Yes, Palestine Can.
GUIDEBOOK

PICA
الوكالة الفلسطينية للتعاون الدولي
Palestinian International
Cooperation Agency

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SESRIC

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South-South cooperation has assumed growing importance in recent years. It has turned the conventional donor-recipient matrix into a more even-handed partnership, and developed communities around the world to seek a brighter future for their people. The shift towards a sustainable development and cooperation between countries of the Global South is of major significance. Cooperating parties, working towards a better world for everyone, have translated activism into action on the ground.

Wishing to extend a hand of friendship and solidarity to the global community, the State of Palestine, through the Palestinian International Cooperation Agency (PICA), applies South-South and Triangular cooperation mechanisms.

This guidebook aims at giving an insight into the role of the Palestinian International Cooperation Agency, the main public diplomacy tool for the State of Palestine, in transferring the "resilience experience" through development and humanitarian assistance by dispatching competent Palestinian human resources who are engaged with PICA on a voluntary basis from inside the State of Palestine and the diaspora.

Intro

The State of Palestine has been long a recipient of development aid and assistance, due to the continuous Israeli occupation of Palestinian territories. The Palestinian International Cooperation Agency (PICA) has been established as an expression of gratitude and payback to the international community for their continuous support. PICA is striving to create a new reality of international cooperation both outside and inside the State of Palestine by providing assistance and cooperation to developing countries as part of the contribution of the State of Palestine in realizing the United Nations 2030 Sustainable Development Agenda Goals.

Since establishment, PICA's main objective has been to work towards the promotion of South-South and triangular cooperation in order to identify and share innovative development solutions in line with the International Development Agenda.

Guided by its vision of "Solidarity through development for a more resilient world", PICA seeks to mobilize skilled human resources to provide technical assistance to support partner countries to respond to crises and to tackle challenges. PICA aims to forge bonds of development cooperation and exchange development experiences with different partners.

Our Competitive Edge

PICA offers know-how and human capital rooted in the Palestinian experience. PICA has a deployable capacity with ability to perform under unusual circumstances and familiarity to operate in crisis-affected environments. Additionally, PICA draws upon the potential of the Palestinian diaspora which is equal in size to the population of the State of Palestine. The diaspora community has highly skilled individuals; resource persons who speak a range of diverse languages, has local cultural knowledge, and has the potential to mobilize financial contributions in the form of Public Private Partnerships.

Our Pillars

Relief and Humanitarian Response

Based on PICA vision to engage in disaster response and intervention operations and as part of the international civil protection mechanism, PICA established "Palestine Rapid Response and Rescue Team"(PRRRT) in 2017. The team is comprised of specialized physicians, rescuers, emergency medical technicians, civil defense members, and humanitarian relief and shelter experts. PRRRT provides specialized trained individuals to intervene regionally and worldwide in the following areas:

▶ Pre-hospital services

   (Emergency medical response and ambulance services)

▶ Medical treatment

▶ Research and rescue

▶ Shelter and non-food items

▶ Water and sanitation

▶ Psychosocial support

Technical Cooperation and Knowledge-sharing

PICA mobilizes Palestinian experts from inside and abroad, who are highly skilled, competent and experienced individuals who have unequivocal willingness to come forward, share and contribute their knowledge and experiences to the world. The State of Palestine relies entirely on its human resources to show solidarity with the world. Technical cooperation, with solutions adapted to local needs, is the main approach of PICA towards achieving sustainable development in line with the UN Agenda 2030 and its 17 Sustainable Development Goals.

Health

▶ Artificial Heart Transplant

▶ Open Heart Transplant

▶ Pediatrics Surgery

▶ Vascular Surgery

▶ Neuro Surgery

▶ Ophthalmology

▶ Cardiology

▶ Neurology

▶ Plastic Surgery

▶ Oncology

▶ Dental Surgery

▶ Spinal and Pediatric Orthopedic Care

▶ Orthopedics

▶ Endocrine

▶ ENT

▶ Corneal Transplant

▶ Public Health

▶ Trauma and Burns

▶ Pediatric Cardiology

Agriculture

▶ Greenhouses Management

▶ Technologies and Methods of Animal Breed Improvement

▶ Aquaponics

▶ Rural Development and Food Processing

▶ Ruminant Farm Management

▶ Agricultural Reclamation

▶ Date Palm Farm Management

▶ Protected and Exposed Vegetables Management

▶ Wastewater Management

▶ Horticulture Integrated Crop Management

▶ Feed production and Composition of Mixtures

▶ Agricultural Extension Information

▶ Management of Beekeepers and Different Bee Products

▶ Field Crops and Their Productivity

▶ Fertigation of Different Crops

▶ Integrated Pest Management

▶ Agricultural Pesticides Management

▶ Agricultural Information Management

▶ Poultry Production and management of Closed Farms

Engineering

Civil Engineering

▶ Structural & Construction

▶ Roads & Bridges

▶ Soil and Materials

▶ Traffic Mobility

▶ Water & Environment

▶ Surveying

Architectural Engineering

▶ Urban Planning

▶ Rehabilitation

▶ Interior Design

▶ General Architectural Engineering

Mechanical Engineering

▶ Automotive Engineering

▶ Refrigeration & Air Conditioning

▶ Materials Engineering

▶ General Mechanical Engineering

▶ Renewable Energy

▶ Industrial Engineering

▶ Mechatronics

Electrical Engineering

▶ Power Control

▶ Biomedical Engineering

▶ Electronics

▶ Telecommunication

▶ Power Systems Automation

Chemical Engineering

Technology and Telecommunications

- ▶ Programming
  - ▻ Software Engineering.
  - ▻ Web Development
  - ▻ Mobile Development
  - ▻ Databases Design & Development.
- ▶ Networks & Systems
  - ▻ Networks Design & Administration.
- ▶ Big Data:
  - ▻ Big Data Administration.
  - ▻ Descriptive and Predictive Analytics.
  - ▻ Data Security
  - ▻ Cyber Security.
  - ▻ Networks Security.
- ▶ Artificial Intelligence:
  - ▻ Machine Learning
  - ▻ Deep Learning
- ▶ Hardware and Digital Systems
  - ▻ SOC Architecture and Design
  - ▻ Design Verification and Validation

Energy

- ▶ Electrification of Underserved and Remote Areas

- ▶ Renewable Energy

- ▶ Electrical Distribution Networks by Distributed Generation

- ▶ Clean and Drinkable Water

- ▶ Hot Water by Solar Thermal Systems

- ▶ Supporting Agriculture by Renewable Energy

- ▶ Feasibility Studies, Grid Impact Studies and Bankable Proposals for Grid Connected Renewable Energy Projects

- ▶ Providing Energy to Waste and Waste Management Projects

- ▶ Conducting Environmental Impact Studies

- ▶ Fund-raising in the field of Renewable and Sustainable Development

- ▶ Evaluation and Strategic Planning for Funding Projects in the field of Renewable Energy

- ▶ Climate Change and Energy Policy Support and Planning

- ▶ Green Architecture

- ▶ Renewable Aid Products for refugee Camps and Underserved Areas or Areas Under Crises

Statistics
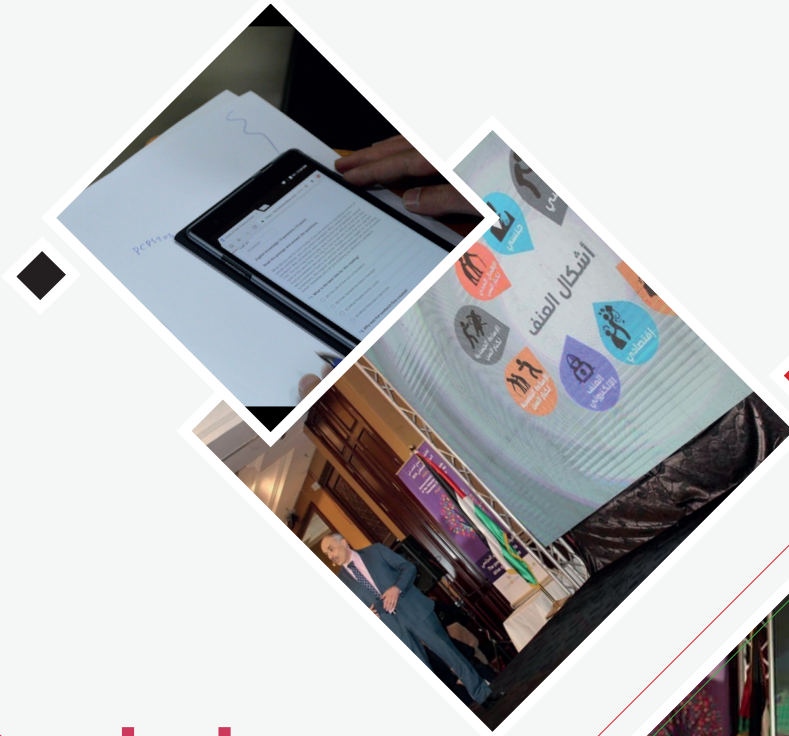
▶ Strategic Planning

▶ Mobilize Funding and Prepare Project Proposals

▶ Statistical Project Cycle

▶ Training Trainers in the Field of Public Relations and Statistics

▶ Statistical Analysis Using SPSS

▶ Metadata

▶ International Publishing Standards and Documentation (DDI, DCMI, SDDS, SDMX, NADA PORTAL)

▶ Quality Management System

▶ Analysis of Demographic Data (Migration, Mortality and Fertility)

▶ Preparing and Analyzing Health Data (Children, Mothers, Statistics, Disability)

▶ Preparing Population Projections

▶ Methods of Calculating Variance for Survey Estimates Using SPSS

▶ Methodologies of Post-Enumeration Studies in Censuses

▶ Methodology for Addressing Non-Response and Missing Data in Surveys and Censuses

▶ Measurement of Non-Statistical Errors in Surveys

▶ Measuring the Burden of Response

▶ Statistical Sampling Techniques

▶ Prepare Statistics Using IPPCC Software

▶ Matching Data

▶ Implementation of Economic and Social Surveys

▶ Indicators of Sustainable Development Goals (SDGs)

Education

▶ Establishing and Building Educational Curriculum

▶ Teaching Arabic for Non-Native Speakers

▶ Combating Illiteracy in Africa

▶ Education for Refugees under Crisis Conditions

Media Training

▶ Press Investigations

▶ Press Photography

▶ Editorial Assets of the Press

▶ Communication and Strategic Planning

▶ TV Reporting

▶ Writing and Editing News

▶ Conducting Press Interviews

▶ Press Editing in English, Arabic and French

▶ Directing Radio Programs

▶ Preparing Radio Programs

▶ Video Filming and Editing

▶ Production of Radio Programs

▶ TV Programs Direction

Local Governance

▶ Developing Web Mapping Applications with Off-the-Shelf Software

▶ Collecting and Processing Objections on Urban Master Plans Electronically

▶ Electronic Management of Higher Planning Council

▶ Issuing Construction Permits Electronically

▶ Digital Photogrammetry: 3D Mapping, Contour Lines and Ortho Photos

▶ Global Navigation Satellite System (GNSS) and Global Positioning System (GPS)

▶ Remote Sensing (RS)

▶ Palestine Experience in Implementing Spatial Data Infrastructure (SDI) Project

▶ E-Municipality and E-Services

▶ Establish and Develop Joint Service Councils for Planning and Development

▶ Solid Waste Management

▶ Management of Fund and Donations for Local Governance

▶ Palestinian Experience in Establishing and Managing Municipal Development and Lending Funds

▶ Local Economic Development (LED)

Public Administration and Public Policy

▶ Policy Planning

▶ Policy Making

▶ Governmental Accounting and State Audit

▶ Financial Management for the Public Sector

▶ Strategic Management

▶ Public Projects Management

▶ Risk and Crises Management

▶ Electronic Government

▶ Administrative Audit and Control

▶ Legislative Drafting

▶ Military Audit and Control

▶ Communication Skills in The Public Sector

▶ Ethics in the Public Sector

Promoting Investment Opportunities
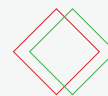
Since inception, PICA has contributed to national efforts to foster investment, and bring investment and joint venture opportunities to the Palestinian private sector in countries of interest. It facilitates investment opportunities for the Palestinian private sector to engage in support of local development objectives and to promote investment opportunities across foreign markets in the form of South-South investment. This framework also appeals to Palestinian investors, including the diaspora, to invest in global PICA-supported projects and to contribute to the local development process in partner countries by:

▶ Fostering global sustainable development through private investments and Public-Private Partnerships (PPPs)

▶ Coordinating with the Palestinian private sector to implement development programs, with greater attention to the countries of the global South.

▶ Aligning the technological expertise, financial capital and innovation capacities of the private sector with the development needs of the targeted countries.

▶ Providing analytical support and conducting technical feasibility studies in order to identify investment opportunities through exploring new approaches for partnerships and joint ventures.

Policy Leadership
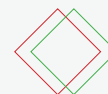
PICA provides mindful leadership in the international development policy arena, contributing in a strategic way to international development policy-making. It mainly contributes, with its policy leadership, to the Islamic Development Bank (IsDB) and the Organization of Islamic Cooperation (OIC)'s strategic roadmaps as well as promoting resilience, the humanitarian-development nexus and development effectiveness.

PICA works closely with other United Nations bodies and International organizations to formulate best practices and action plans to empower South-South and Triangular Cooperation.

Looking Ahead
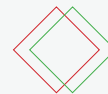
Looking ahead, PICA has an exceptional opportunity to leapfrog several stages of development approaches because it was established on the back of the adoption of the 2030 Agenda and its new paradigm for development. PICA continues to solidify and expand the cooperation and development solutions to participate in the implementation and achievement of the SDGs and OIC-2025: Programme of Action.

PICA enjoys a continuous learning culture, an innovative mindset, and an ability to create and share knowledge that meets the needs of its partners.