

## **Input to the Secretary General's report on technology transfer mechanisms**

### **Economic and Social Commission for Western Asia (ESCWA)**

#### **I. Functions, format and working methods**

Technology transfer may be facilitated by;

- a) Inter-governmental or expert fora / dialogue mechanisms set up with specific sectoral focus.
- b) Identification, collection, analysis, documentation, dissemination, and adapted replication of good practices in technology transfer.
- c) Pilot/demonstration projects, under specific regional /subregional initiatives
- d) Promoting legislations and awareness programmes (eg. for the efficient use and conservation of energy, especially in the transport sector)
- e) Training and capacity building activities.
- f) Promoting the development of regional information systems with mapping capability for the region's natural resources (namely water, energy, and agriculture land for ESCWA region)
- g) Developing technology transfer success criteria and indicators taking direct, indirect, short- and long-term impact into consideration
- h) Conducting studies related to appropriate technology foresight for the region, and technology transfer process between North and South countries, towards producing and rooting appropriate technologies with interest in multiplier effects.
- i) Facilitating the intergovernmental dialogues on transfer of publicly-owned or –funded technologies.

#### **II. Contributions from ESCWA**

- a) ESCWA Technology Centre was established through the adoption of resolution 254 (XXIII) of 12 May 2005 and resolution 274 (XXIV) of 11 May 2006 at the twenty-third and twenty-fourth ministerial sessions. The mission of the Centre is to assist ESCWA members countries and public and private organizations to acquire the tools and

capabilities necessary to accelerate socio-economic development in order to attain technological parity with other nations and regions of the world and to contribute to convert the economies of member countries into economies based on scientific and technological knowledge

b) The ETC could contribute regionally to the facilitation mechanisms by:

1. Conducting research and analysis of trends, conditions and opportunities
2. Providing advisory services;
3. Disseminating information and promoting good practices;
4. Developing partnerships and other networks with regional and international organizations and key stakeholders;
5. Training national personnel, particularly scientists and policy analysts;
6. Assessing the scientific and technological level and content of production and service sectors and measuring performance indicators of those sectors in relation with the transfer of scientific and technological knowledge
7. Acting as an intermediary for bringing together buyers and sellers of clean and environmentally sound technologies.
8. Capacity building to plan and implement technology transfer projects.

c) ESCWA Region through its ETC is working on establishing National Sciences, Technology and Innovation Observatories in the ESCWA region to facilitate based on evidence complementary regional work and national policy making for Inclusive, sustainable, and knowledge-based development

d) At the Regional level, El Hassan Science City (EHSC) in Jordan aims at improving the quality of people's lives through scientific education, research, development and enterprise in the fields of ICTs, clean technologies and human safety and security. It offers students, scientists and entrepreneurs the space and facilities to apply intellect and technology in addressing critical challenges, and encompasses the Royal Scientific Society, El Hassan Business Park, the Higher Council for Science and Technology, and Princess Sumaya University for Technology

e) ESCWA Sustainable Development and Productivity Division (SDPD) is engaging in a project to develop Green Technologies in the Arab Region.

f) ESCWA published a Report on Financing Technology Transfer Process in the ESCWA Region: Roadmap for Investments and Support Guide

### **iii. Possible partner organizations**

Apart the ESCWA Technology Centre other potential partners at the country level include:

- UN Country Teams in member countries.
- National agencies in member countries that focus on the promotion of clean and environmentally sound technologies, including renewable energy technologies
- AIDMO (Arab Industrial Development and Mining Organization)
- Chambers of Business and Commerce and Associations of Industrialists.
- Regional Financial Institutions
- El Hassan Science City (EHSC)