

MEMORANDUM ON AREAS OF CO-OPERATION

between

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION

and

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

UNESCO HEADQUARTERS

PARIS, 21 October 1994

Memorandum on Areas of Co-operation Between UNESCO and UNIDO

With reference to Articles IV and V of the Agreement for Co-operation between the United Nations Educational, Scientific and Cultural Organization (hereinafter referred to as UNESCO) and the United Nations Industrial Development Organization (hereinafter referred to as UNIDO) signed at Paris on 22 April 1989 and at Vienna on 5 June 1989, and in addition to on-going co-operation, the following programmes have been identified as areas for further co-operation:

1. **University-Industry Partnership** - UNIDO is invited to participate in the University-Industry-Science Partnership (UNISPAR) programme so that it evolves into an eventual UNESCO/UNIDO Interagency Programme. UNIDO's participation is envisaged in identifying the demand from industry and bridging it with university R&D capabilities; contractual arrangements for technology transfer; and entrepreneurship development for the creation of science-based ventures. In addition, UNIDO's role in identifying industry's critical technological needs is instrumental to help define joint university-industry R&D projects, adapt engineering education to fit industrial needs and prioritize continuing engineering education, which are amongst the objectives of the UNISPAR. UNIDO is invited to be a co-organizer of the UNISPAR World Congress to be organized at UNESCO Headquarters in July 1996.
2. **Solar Energy** - Closer collaboration is envisaged between UNESCO and UNIDO in the World Solar Summit Process. UNIDO will continue to give greater emphasis to product and production development and promotion of centres of excellence.
3. **Technological Development in Africa** - Closer consultation and collaboration between UNESCO and UNIDO is called for in the utilization of the International Fund for the Technological Development of Africa and the Industrial Development Decade for Africa in programmes for the development of small and medium-scale entrepreneurial ventures in agro-industries; in the

growth of potential engineering and industrial processes; and in human resource development, with due attention to industrial engineering curriculum development; and the upgrading of industrial R&D centres.

4. **Biotechnology** - UNESCO and UNIDO continue to collaborate in the joint UNDP/UNESCO/UNIDO Regional Programme in biotechnology for Latin America and the Caribbean; the International Biosciences Network with special emphasis on the African Biosciences Network; UNESCO's MIRCEN networks; the Biotechnology Action Council Fellowships and Professorships programme; and UNIDO'S activities such as MUSHNET. UNIDO is invited to sponsor the COSTED-IBN programme sponsored by UNESCO and ICSU and to assist UNESCO in the commercialization of the bioinsecticide developed in the UNDP/UNESCO/Government of Iran Programme in Combating Malaria; and in new initiatives concerning joboba and water retaining polymers. UNIDO requests UNESCO/MIRCENS to co-operate in the biomass research and training activities undertaken by ICGEB (Trieste) and to assist through the UNESCO Coupons Scheme in a programme providing biochemical reagents for research.
5. **Human Resources Development** - Concerning the UNITWIN/UNESCO Chairs Programme, UNIDO is invited to support links with inter-university networks and joint UNESCO/UNIDO Chairs. UNIDO calls for an increased flow of information on the programme of UNESCO in the field of higher education, human resources development, communication, natural and social sciences. As part of human resources development, UNIDO indicated that it may consider links with the UNESCO Project 2000+.
6. UNESCO draws attention to the **World Conference of Basic Sciences for Development** and invites UNIDO's co-operation in this Conference and its follow-up.
7. **Science and Technology Management** - UNESCO and UNIDO find technology management to be a key area for interagency co-operation. UNIDO is also invited to participate in the UNESCO programme on the channels of scientific and technological communication. UNIDO invites UNESCO to participate in the relevant activities of the International Centre for Science and High Technology in Trieste.

UNIDO underlines the importance of equitable industrial development in UNESCO's programme on Management of Social Transformations (MOST), particularly in research theme 3 "Coping locally and regionally with economic, technological and environmental transformations".

8. **Environment** - UNESCO and UNIDO identified environment as an important area for collaboration through the promotion of environmentally sound technologies. UNESCO calls for a possible input from UNIDO to its new interdisciplinary and intersectoral programme on Environment and Population Education and Information for Human Development (EPD).
9. **Informatics** - Training in informatics is an important avenue of UNESCO/UNIDO collaboration. UNIDO invites UNESCO to participate in its pilot project on Informatics for Small and Medium Enterprises in Africa.
10. In view of the increasing nexus between education and industry, UNESCO and UNIDO will co-operate in the planning and organization of joint conferences of Ministers of Education and Industry.
11. UNESCO and UNIDO will follow up those programme fields where an immediate start could be made. As part of the UNESCO/UNIDO Task Force Review Meetings, consultative meetings would continue to be held periodically.
12. This Memorandum shall enter into force upon signature.

Done in Paris on 21 October 1994, in two copies in English



Federico Mayor
Director-General
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