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- (iv) To anticipate and ameliorate any adverse technological impact on women;
- (v) To improve the available data on women in science and technology.

United Nations system objectives

(i) To complete a study of successful policy measures and incentives adopted by some countries that have specifically promoted deployment of educated and trained women in scientific and technological disciplines;

(ii) To complete a series of case studies on the role of women in the development, local adaptation and dissemination of technologies;

(iii) To mobilize women who are end-users of technologies in implementing, monitoring and evaluating scientific and technological activities;

(iv) To carry out studies on the actual and potential impact of new and emerging technologies on women, especially on their functional roles in society;

(v) To collect data on the stock of women scientists and technologists and on those active in their fields by age groups and by discipline.

Strategy

Science and technology are essential means of fostering socio-economic development. As such, women play a pivotal role in science and technology as both producers and end-users. Although the stock of women scientists and technologists has increased in recent years, educated and trained women have not been fully or effectively deployed. The system will study cases in which policy measures and incentives were successfully employed to encourage qualified women to be active in their field.

For technological developments to take root in local settings, the process of their introduction, adaptation and dissemination must involve local people, including women. In this regard, the system will study the role that women have played in successful cases of technological adaptation.

As part of the activities carried out by the system to study the impact of new and emerging technologies, those aspects that affect women will also be considered. Attention will be paid to the impact on functional roles that women have traditionally played and the socio-economic consequences.

Efforts will be made to collect improved data on the stock of women scientists and technologists and those who are deployed in their field. This will be the basis for a longer-term effort to systematize such data collection by the organizations concerned.

The organizations primarily responsible for implementing this subprogramme are the United Nations (CSTD, UNCTAD), INSTRAW, UNESCO, ILO, UNIDO, FAO and WHO.