Technology in Action: Good Practices in Science, Technology and Innovation Policies for Women in South Asia





UNCTAD Current Studies on Science, Technology and Innovation. $N^{\circ}12$



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UNITED NATIONS New York and Geneva, 2015

UNCTAD CURRENT STUDIES ON SCIENCE, TECHNOLOGY AND INNOVATION. N°12



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Pursuant to the mandate of the Economic and Social Council in its resolution 2011/17, this new series of publications elaborated by the CSTD aims to provide a forum, in collaboration with its Gender Advisory Board (GAB), to share good practice examples and lessons learned in integrating a gender perspective in science, technology and innovation policymaking and implementation.

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UNCTAD/DTL/STICT/2013/3

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Acknowledgements

This report was prepared by Claudia Contreras under the supervision of Padmashree Gehl Sampath, and the direction of Anne Miroux, Director of the Division on Technology and Logistics.

Valuable comments and feedback were provided at various stages of preparation from Arun Jacob, Jason Munyan, Tansug OK and Mesut Saygili.

Nadège Hadjémian designed the cover and Deniz Barki edited the report.

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Abbreviations and acronyms

ADB Asian Development Bank

DESA United Nations Department of Economic and Social Affair
FAO Food and Agriculture Organization of the United Nations

GDP gross domestic product
GII gender inequality index

ICT Information and communications technology
ICRW International Centre for Research on Women

IER Information Economy Report

IFAD International Fund for Agricultural Development

ILO International Labour Organization

MDG Millennium Development Goal

MMR maternal mortality ratio

NGOs non-governmental organizations

OECD Organization for Economic Cooperation and Development

RMFSP Rural Microfinance Suppo t Project
SEWA Self Employed Women's Association

SGs Solidarity groups

SIGI social institutions and gender index
SMEs small and medium-sized enterprises
STI science, technology and innovation

UNDP United Nations Development Programme

UNESCO United Nations Educational, Scientific and ultural Organization

UNFPA United Nations Population FundUNICEF United Nations Children's Fund

UN-Women United Nations Entity for Gender Equality and the Empowerment of Women

WEF World Economic Forum
WHO World Health Organization

1. Introduction

1. Introduction

Women do not enjoy the same opportunities in any society (UNESCO, 2003). They work longer hours and are paid less; and girls' life choices are more restricted than boys' (UNESCO, 2003:3). This discrimination spans the world and affects not only access to resources but also related social institutions such as family codes, civil liberties and ownership rights (OECD, 2010). As mentioned by the United Nations Conference on Trade and Development (UNCTAD), empowerment and informed choice are critical for gender equality and human development (UNCTAD, 2011a). Indeed, gender equality and women's empowerment constitute a Millennium Development Goal (MDG) themselves and are also important in terms of reaching the rest of the MDGs (UNCTAD, 2011a and UNDP, 2005). In addition, gender equality and women's empowerment are important for sustainable development and the progress of countries (World Bank, 2012a and WEF, 2012) and for achieving an inclusive and people-centred development, which is a priority of the post-2015 development agenda (UNDESA, 2012 and United Nations, 2013a).1

Gender equality can also provide a range of economic and social multiplier effects (UN-Women, 2009). For instance, some of the outcomes of increasing gender equality are the enhancement of women's ability to increase the productivity of their livelihoods and allocate the saved time and energy to invest in their own personal development.

the gender divide in access and control of resources strengthens the pool of labour and talent of economies and increases national productivity (UN-Women, 2009). Studies considering long-term periods have found that women's access to resources such as education, paid work, credit, land technology and other productive assets has strong positive effects on child survival, welfare and education than resources in men's hands (Quisumbing and Maluccio, 2000).

Improving women's absolute and relative status also contributes to other development outcomes, including those of their children. In addition, providing equal access to opportunities for women and men to become socially and politically active may contribute to more representative institutions and policy choices and thus to a better development path (World Bank, 2012a).

In the last decades, the world has achieved significant progress in enhancing gender equality in several areas. For instance, in many countries there have been important advances in reducing the gender gap in education not only at primary but also at secondary and tertiary levels. Indeed, in many countries, the gender divide is actually reversing at tertiary levels, with young men at a relative disadvantage (World Bank, 2012a). There have also been advances in terms of women's participation in the labour force, whose growth has expanded women's economic

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