

STUDIES IN TRADE AND INVESTMENT69

THE DEVELOPMENT IMPACT OF INFORMATION TECHNOLOGY IN TRADE FACILITATION

A Study by the Asia-Pacific Research and

Training Network on Trade











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of ESCAP, the regional branch of the United Nations for Asia and the Pacific, provides the Secretariat of the network and a direct regional link to trade policymakers and other international organizations.

ARTNeT aims at increasing the amount of policy-oriented trade research in the region by harnessing the research capacity already available and developing additional capacity through regional team research projects, enhanced research dissemination mechanisms, increased interactions between trade policymakers and researchers, and specific capacity-building activities catering to researchers and research institutions from least developed countries. A key feature of the network's operation is that its research programme is discussed and approved on an annual basis during a consultative meeting of policymakers, research institutions and other stakholders. For more information, please contact the ARTNeT Secretariat or visit www.artnetontrade.org.

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Preface

Trade Facilitation (TF), or streamlining regulatory and other procedures involved in the import or export of goods, has received increasing attention in recent years as governments realize the significant impact inefficient trade procedures can have on their countries' trade competitiveness. Simplifying trade procedures and making them more transparent has also been identified as a way to make international trade more inclusive, as this would make it easier for small and medium-sized enterprises to engage in import and export activities. At the same time, however, many trade facilitation measures identified for implementation in developing countries – often with the support of development agencies – involve the use of modern information and communications technologies (ICT), to which SMEs may not always have easy access.

Indeed, discussions held at the Asia-Pacific Research and Training Network on Trade (ARTNeT) Advisory Committee Meeting in Macao, China¹ – which brought together a mix of Asian developing country policymakers and senior researchers to update the research programme of the network – suggested that TF measures promoted in recent years in various fora, including the WTO, could be giving larger traders and firms an advantage over others, as they may arguably be better prepared to utilize them. The need to study the differential impact of TF measures, particularly those applying ICT, on small and large firms was therefore identified, as the existing body of research on this issue was essentially non-existent.

It is in this context that the ARTNeT Regional Study on the Development Impact of Information Technology on Trade Facilitation was initiated in 2008. Case studies on the impact of information technology in trade facilitation on small and medium-sized enterprises were conducted in 5 countries at different level of development and spanning the Southeast, East and South Asian subregions. Preliminary findings of the regional research team were presented and discussed with policymakers during the Regional Forum on "Trade Facilitation and SMEs in Times of Crisis", co-organized by ESCAP, ARTNeT and the World Bank Research Group in Beijing, China in May 2009.² This book brings together the final outputs of the research team, led by Florian Alburo of the Center for the Advancement of Trade Integration and Facilitation. (CATIF, Manilla, Philippines) and coordinated by Mr. Yann Duval, ARTNeT Trade Facilitation Research Coordinator, under the overall supervision of Mr. Ravi Ratnayake, Director, Trade and Investment Division (TID), ESCAP.

The first two chapters provide background information on the use of ICT in trade facilitation (Chapter 1), and a discussion of the analytical frameworks, and related empirical evidence, used in previous work to evaluate the importance and impact of trade facilitation, particularly ICT-based TF measures, on development and the participation of SMEs in international trade (Chapter 2). The final chapter of Part I highlights the main findings from

^{1 12} December 2007. See www.artnetontrade.org for details.

See http://www.unescap.org/tid/artnet/mtg/tf_sme.asp for details.

the five country case studies (Chapter 3), while Part II (Chapters 4-8) features individual country studies conducted in the Republic of Korea, Bangladesh, India, Sri Lanka and the Philippines.

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