

The Essentials of

SCIENCE, TECHNOLOGY AND INNOVATION POLICY

OMAR ABDUL RAHMAN

483
AR



I have enjoyed reading the text of the Essentials of STI Policy. It is the most coherent and realistic treatment of STI policy formulation I have come across. I believe the book would provide a useful guidance to many countries in the formulation of national STI policy and its management.

The Hon. Heneri Dzinotyiweyi,

Minister of Science and Technology, Zimbabwe.

The Essentials of STI Policy is like Science Policy 101, a primer on policy and related matters. It focuses on major components of policy related to science, technology and innovation as well as on implementation strategy. I think it should be made compulsory reading for those in public service in ministries with any kind of S&T responsibility and those in economic and development planning. I would have benefitted from this book tremendously myself when I was in Government as the Minister of Agriculture and later on as Minister in Prime Minister's Department overseeing development planning.

Dato' Sri Effendi Norwawi,

Executive Chairman Encorp Bhd, formerly Minister of Agriculture and Minister in Prime Minister's Department, Malaysia.

The Essentials of Science, Technology and Innovation Policy is a must-read book for policy makers, students, and the general public in the developing countries. The book, written by the leading science advisor in the developing world, is a guide that addresses the different phases of policy formulation from the sixties to today's notion of STI policy; it offers a real experience of science policymaking which contributed to the process of transforming Malaysia to a developed country.

Dr Mustafa El Tayeb,

President Future University, Khartoum, Sudan, formerly Director, Science Policy and Sustainable Development, UNESCO, Paris.

The book succinctly captures the important change from the conventional and by now obsolete concept of a National Policy for Science to a Policy for Science, Technology and Innovation. Distilling his hands-on long years of practical experience, Tan Sri Omar has brought out valuable 'guide' for all those concerned with structure, policies and programs of dovetailing science, technology and innovation with national development aspiration.

Dr Ashok Jain,

Fellow National Academy of Sciences, India, Hon Vice President, Research & Academic Division, EMPI, New Delhi; formerly Director, National Institute of Science, Technology and Development Studies, New Delhi.

The author of this book was Science Adviser for almost seventeen years to a Prime Minister who believed that science and technology would play a crucial role in bringing about the innovations at all levels needed to meet the objectives set out in Malaysia's National Vision 2020. Dr Omar played a big role to put in place the institutional infrastructure necessary to make this happen. His ability to think clearly about the complex relationship between science and society, about how to facilitate the use of science in the service of society, is well illustrated in this book.

Catherine M. Cunningham,

CPTM Companion, former member, Office of the Government Chief Science Adviser, Cabinet Office, London.

I have read with interest the Essentials of STI Policy and found it educative and inspiring. I appreciate Tan Sri Omar's willingness to share his experience with the rest of us. The book is based on his real and personal experience rather than on theoretical or academic considerations.

Dr Hassan Mshinda,

Director General, Tanzania Commission for Science and Technology Dar es Salaam, Tanzania.

ISBN 978-983-9445-95-4

Academy of Sciences Malaysia
902-4 Jalan Tun Ismail, 50480 Kuala Lumpur, Malaysia
Tel | 03-26949898 Fax | 03-26945858 Email | admin@akademisains.gov.my
www.akademisains.gov.my



9 789839 445954