China's Evolving Industrial Policies and Economic Restructuring

Edited by Yongnian Zheng and Sarah Y. Tong
Contents

List of figures ix
List of tables xi
Notes on contributors xiii

Introduction 1
YONGNIAN ZHENG AND SARAH Y. TONG

PART I
Development policies and industrial development 15

1 Development of China's industries and industrial restructuring 17
YUEPING WANG

2 Policy evolution of China's regional development 31
DING LU

3 China's innovation policy: framework, evolution and trend 56
XIAOHUA DUAN AND RONGFANG PAN

4 China's R&D intensification and the role of the state 74
ALBERT GUANGZHOUHU

5 Openness, productivity and economic growth in China 87
YANRUI WU
PART II
Development of China's mainstay industries

6 Why are there so many automobile manufacturers in China? 
   TOMOO MARUKAWA

7 Technological capability development in complex environments: the case of the Chinese telecom equipment industry 
   XUDONG GAO AND JIZHEN LI

8 Green challenges and keys to sustain growth of China's electronic information industry 
   G. C. ALEX PENG

9 The catching-up of Chinese ICT industries: recent dynamics, challenges, and policy implications 
   XIAOBO WU, WEI DOU, AND YUEQI WANG

10 The shale gas revolution and China's industrial policy 
   MU YANG AND SHENSHEN CAO

PART III
China's regional industrial development

11 China's Yangtze River Delta region: globalization, production networks and regional development 
   YEHUA DENNIS WEI

12 Beijing—Tianjin—Hebei development and the transformation of the Chinese economy 
   YONGLING YAO AND SARAH Y. TONG

13 The achievements and obstacles of China's western development 
   HOUKAI WEI

14 China's central region: development and recent strategies 
   XIAOBING YANG

Index