

# Abbreviations

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AFM	atomic force microscope
BPO	business process outsourcing
BRIC	Brazil, Russia, India, China
CdTe	cadmium telluride
CDVC	care delivery value chain
CGGC	Center on Globalization, Governance and Competition
CIGS	copper indium gallium selenide
CIN	collaborative innovation network
CPV	concentrated photovoltaic (technology)
CSP	concentrating solar power
FCC	Federal Communications Commission
FiT	feed-in tariff
G2C	government to citizen
GATT	General Agreement on Tariffs and Trade
GCC	global commodity chain
GHG	greenhouse gas
GPN	global production network
GVC	global value chain
GW	Gigawatt
IEA	International Energy Agency
IFA	independent financial advisor
IPC	International Patent Classification
IPO	initial public offering
IT	information technology
ITO	information technology outsourcing
KPO	knowledge process outsourcing
kW	kilowatt
kWh	kilowatt hour
LCOE	levelized cost of electricity
MNE	multinational enterprise
MOOC	massively open online course
NBER	National Bureau of Economic Research
NGO	non-governmental organization

NIH	National Institute of Health
NNI	National Nanotech Institute
NNIN	National Nanotech Institute Infra Network
NSF	National Science Foundation
OLS	ordinary least squares
PV	photovoltaic
R&D	research and development
R&D (Chapter 6)	research and design
RBV	resource-based view
SDA	Securities Data Corporation
SEC	Securities and Exchange Commission
SOA	service-oriented architecture
STEM	science, technology, engineering and mathematics
STM	scanning tunneling microscope
TDABC	time-driven activity-based costing
TED	Technology, Entertainment and Design
TF	thin-film
USITC	US International Trade Commission
USPC	US Patent Classification
USPTO	US Patent and Trademark Office
VC	venture capital
VGC	value-generating capability
w	watt
WTO	World Trade Organization