

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 |

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|-----------------|--|
| 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 |