

Index

10ders Information Services (10ders IS) 915
 5Cs good lending concept 463
 3rd Party Logistics (3PL) 1064-1065
 3rd Stream Income 1368

A

Access Points (AP) 1888
 Achievement Ratio of Femtocell Throughput (ARFT) 520
 Aconex 616
 Adaptation Decision Taking (ADT) 632
 Adaptation Decision Taking Engines (ADTE) 624
 Adaptation Engine (AE) 631
 adaptive selling 886
 Advanced Video Coding (AVC) 628
 Agile Business Process Notation (AgileBPN) 1582
 agile manufacturing 199
 agricultural residues 1004
 Algorithmic State Machines (ASM) 707
 analysis technique 1032
 Analyte Concentration (AC) 365
 analytes 363
 Analyte Toxicity Levels (ATL) 370
 Analyte Toxicity Risk Level (ATRL) 370
 Anglo-Saxon enterprises 1600
 apartheid system 1165-1166
 Application Programming Interface (API) 629, 739
 Arensberg, Conrad 1384, 1387, 1389, 1391
 asset management 1494
 Asynchronous JavaScript and XML (AJAX) 1923
 atomistic society 1392
 ATOM Syndicat Format (ASF) 1923
 Augmented Reality (AR) 1868
 automatic categorization 1954
 automatic method ontology 386
 Average Variance Extracted (AVE) 851, 1033
 axis command 18

B

Back-Propagation (BP) 460
 Back-Propagation Neural Networks (BPN) 459
 balanced scorecard 17
 Basel Accords 1109
 behavioral perspective 30, 1469-1470, 1477, 1480
 Best Supplier Auction (BSA) 127
 binary tree algorithm
 with bounds (BTB) 121
 biodiesel 998
 biomedicine 497
 biotechnology 497
 Bitstream Syntax Description (BSD) 632
 Black Economic Empowerment (BEE) 1165-1166, 1168, 1182
 black diamonds 1174
 fronting 1174
 border scan 636
 born globals 1824
 business continuance 531
 Business Enterprise and Economic Performance Survey (BEEPS) 53
 Business Interoperability Interfaces (BII) 1879, 1890
 business link 1152-1153, 1157, 1368, 1371
 business model 169, 285
 basis 283
 development 169, 284
 business model canvas 11-12
 Business-oriented Value Chain (BVC) 527
 business processes
 viewpoints 1582
 Business Process Reengineering (BPR) 1657-1658, 1675
 business scope diagram 1069
 Business to Business (B2B) 111, 118, 1630
 Business-to-Consumer (B2C) 817, 1630
 business website 686

C

Calandria Vessel Inspection (CVI) 741
 cane ethanol 999
 carbon trading 1083
 Cargo Carrying Unit Manufacturer (CCUM) 1829
 cellulosic ethanol 997, 999
 Central and Eastern European (CEE) 1709
 central project repository 609
 Chandlerian model 283
 chatspeak 1946, 1949
 Clean Development Mechanism (CDM) 1084
 clean technology 1045, 1049
 client-vendor partnership 383
 climate change 436, 497, 501, 942, 994, 1022-1024, 1062, 1085, 1092, 1096, 1099-1100, 1242, 1702
 Clinical Research Organisations (CRO) 768
 closed innovation 164
 cloud sourcing 153
 Cobit framework 26, 38
 Codex Alimentarius 355
 collaboration technology
 influencing factors 1342
 collaborative communication 1900, 1909
 collaborative environments 1345
 success factors 1348
 collaborative networks 1640
 collabrapreneurs 1902
 combinative capability 1309
 commercial prototype 716
 Common Procurement Vocabulary (CPV) 921
 communication space
 virtual 681
 communities
 Arsenberg's types 1389
 definition of 1385, 1394
 network perspective 1390-1391, 1395
 varieties of 1388-1389
 Communities of Practice (CoP) 65-66
 community variations 1391
 competency blocks 763
 Competitiveness and Innovation framework
 Programme (CIP) 1877, 1896
 Complex Adaptive System (CAS) 1861, 1863
 compound model 35
 Computer Aided Design (CAD) 544
 Computer Mediated Environments (CME) 1918
 Computer Supported Cooperative Work (CSCW) 73, 1581
 concentrated acid hydrolysis 1010
 Concurrent Error Detection (CED) 698

Configuration and Data Management (CADM) 722
 Configuration and Data Management Plan (CDMP) 721, 728
 Configuration Management (CM) 728, 740
 confucianism 1510
 Connect and Develop (C&D) 165
 construction project management 608
 consultative selling 884
 consumer based business model 1989, 1991
 consumer-based coopetition 1980, 1984-1985, 1989, 1991
 Consumer Relationship Management (CRM) 80, 96
 Content Management Systems (CMS) 1947
 coopetition 1983
 co-referencing 1951
 corn ethanol 997
 Corporate Community Investment (CCI) 1698
 corporate governance 30
 Corporate Social Innovation (CSI) 1701
 Corporate Social Responsibility (CSR) 1690, 1695, 1720, 1724
 terminology 1696
 cost-benefit analysis 611
 Council for Industry and Higher Education (CIHE) 1728, 1736
 creative destruction 2, 1103
 credit risk 1077, 1085, 1117
 crisis of classical theories 17
 Critical Success Factors (CSF) 1656
 Cronbach's alpha 1732
 Cross Industry Invoice (CII) 1879
 crowdsourcing 1295, 1926, 1985, 1991
 currency risk 1079
 customer focus strategy 890
 Customer Negotiation Agent (CNA) 125
 customer orientation 1374
 customer-oriented selling approaches 887
 Customer Relationship Management (CRM) 102-103, 186, 217, 341, 346, 528, 538, 803, 882, 885-886, 892, 1313, 1322, 1681

D

Data Envelope Analysis (DEA) 1074
 Data Management (DM) 728, 740
 Decision Tree (DT) learning 460
 decolonization 1822
 defederation 1822
 Degradation Ratio of Macrocell Throughput (DRMT) 519
 DeLone & McLean (D&M) IS success model 26-27, 30, 36

Index

demand risk 1075
Design Failure Modes and Effects Analysis (DFMEA) 727
developing countries
 ICT diffusion 795
Development-oriented Value Chain (DVC) 527
Device Description Working Group (DDWG) 629
dialogue system 1953
Diffusion of Innovation Theory (DIT) 840, 844, 1839, 1843
digital branding 1913
Digital Item Adaptation (DIA) 632
Digital Item Declaration (DID) 627
Digital Item Declaration Language (DIDL) 627
dilute acid hydrolysis 1009
Directed Acyclic Graph (DAG) 472
Direct Foreign Investment (DFI) 1601
direct microbial conversion hydrolysis 1010
Discrete Knowledge-Based Resources (DKBR) 1827
Discrete Property-Based Resources (DPBR) 1826
discriminant analysis 458
distribution space
 virtual 681
document summarization 1954
Domain Name System (DNS) 1888
domestic regulative environment 871
double-barreled 444
Dryade algorithm 472
Dublin Core 627
Duplication-With-Comparison (DWC) 700

E

E-Business Support Network (eBSN) 113
e-Certificate (e-CERTIS) 1878
eclectic approach 862-863
eco-innovation 497, 501
eCollaboration
 challenges 303
 champion 297
 marketing 302
 project management 300
 social integration 298
 value of 295
Eco Management and Audit Scheme (EMAS) 427
e-commerce adoption
 environmental factors 831
 organizational factors 829
 technological factors 829
e-government readiness 797
e-Invoicing phase 3 (INV3) 1879

e-Justice Communication via Online Data Exchange (e-CODEX) 1878
Electronic Business (e-Business) 1899
Electronic Commerce (e-commerce/EC) 816-817, 840, 1143
electronic Consumer Relationship Management (eCRM) 90-91
Electronic Data Interchange (EDI) 528, 817, 836, 1882, 1898
Electronic Fund Transfer (EFT) 817
Electronic Procurement (e-procurement) 118
 auction theory 120
 negotiation 119
electronic Procurement, Invoicing and Ordering (e-PRIOR) 1878
electronic Word of Mouth (eWOM) 82
elite education 1757
Embedded Zerotrees of Wavelet Transforms (EZW) 628
emoticons 1946, 1950
employee collaboration 1865
Empowerment Leadership (EL) 1433, 1436
e-novation 1905, 1909
 social graphing 1900, 1917
e-novation curriculum 1900, 1916
e-novation office 1900, 1915
Enterprise Architecture (EA) 141, 143
 changeability model 147
 cloudsourcing 153
 optimizing 151
 resilient 152
 traditional 151, 154-155
 virtual 152
Enterprise as a Service (EaaS) 139, 141, 154
Enterprise Content Management (ECM) 217
Enterprise Information Portal (EIP) 616
enterprise management systems 436
Enterprise Product Data Management (EPDM) 730
Enterprise Resource Planning (ERP) 27, 217, 231, 233-234, 377, 529, 538, 561, 782, 1656, 1675, 1677, 1687-1688, 1914
Enterprise Risk Management Frameworks 1109
enterprise software
 usage 801-803
Enterprise Systems (ES) 1677
entrepreneurial marketing 901
Entrepreneurial Orientation (EO) 1624, 1824
 concept 1624
entrepreneurial ventures 1, 875, 1408-1409
Entrepreneurship and Innovation Program (EIP) 1877

entrepreneurship process
 framework 1, 6, 11, 23-24
 entrepreneurship value chain 5
 enumeration DAG 472
 environmental collaboration 1038, 1093-1094
 environmental design manual 432
 environmental disasters 1245
 Environmental Management System (EMS) 426, 440
 environmental monitoring 1093-1094
 environmental performance 1094, 1096
 environmental programmes 1029
 enzyme hydrolysis 1010
 e-participation 797
 equity 1171
 ERP consultant 383
 ethical employment 1242
 Ethnic Minority Businesses (EMB) 1142-1143
 ethnographic data 65-66, 70
 ethnomethodology 66, 72
 Garfinkel, Harold 73
 Euroalert.net 915
 European Commission (EC) 1874
 European Electronic Invoicing (EEI) 1876
 European Interoperability Framework (EIF) 1898
 European Open Data Strategy 917
 European Telecommunications Standards Institute (ETSI) 1880
 European Union (EU) 218, 822, 915, 1091, 1360, 1875
 external resource building 1412
 Exempted Micro Enterprises (EME) 1170
 experiential learning 1367, 1369, 1375
 exportation
 gradualist approaches 1604
 non-gradualist approaches 1602
 Export Credit Agencies (ECA) 1078
 Export Strategy (ES) 1605
 extended web 689
 eXtensible Markup Language (XML) 611
 external flow 380
 external knowledge 1310-1311, 1322

F

fair trade 1277
 Family-Owned Businesses (FOB) 1507-1508, 1513
 Fault Security (FS) property 697, 714
 Federation of Small Business (FSB) 646, 678
 female entrepreneurs
 in Ireland 323
 profiling 324
 Femtocell Access Point (FAP) 515

Femtocell Base Station (FBS) 516
 femtocells 515
 interference mitigation 515, 517
 femtocell systems 516
 femto-macrocells interference 516
 Field-Programmable Gate Arrays (FPGA) 695
 Financial Distress Costs (FDC) 1050
 financing technologies 1066
 Finite State Machine (FSM) 697, 705
 Fiscalis 2013 1878
 foreign market knowledge 872, 1823
 foreign regulative environment 871
 forestry thinnings 1005
 formal/informal networks
 composition 1413
 size 1413
 Free/Open Source Software (FOSS) 630, 1880
 frequent pattern discovery 453
 frequent subtree mining 453, 467
 XML algorithm 475
 funcional prototype 716
 fundamental technological innovation 268

G

Gallup Management Journal (GMJ) 494
 Game-Based Learning (GBL) 1739
 attitudes 1738, 1740-1741, 1749
 stealth learning 1746
 game experts 1740
 GBL teachers 1738, 1741-1744
 Generalized Pattern Search (GPS) 637
 Generation of Security Management Patterns (GSMP)
 394-395
 Genetic Algorithm (GA) 460
 Geographic Information Systems (GIS) 610
 Geographic Positioning System (GPS) 611
 Gini index 1542
 Global e-Business Interoperability test bed
 methodologies Phase 2 (GITB2) 1879
 Global Entrepreneurship Monitor (GEM) 3
 global innovators 1277
 Global Supply Chain (GSC)
 types of risks 1072
 Government Procurement Agreement (GPA) 916
 Government to Business (G2B) 1177
 greenhouse effect 994
 greenhouse gases (GHG) 1083
 green manufacturing practices 1027
 green partnership 1091, 1094
 green regulations 1247

Index

green supply chain practices 1093
green teams 1251
Gross Domestic Product (GDP) 454, 531, 843, 916,
960, 1032, 1428, 1818, 1822
Gulf Cooperation Countries (GCC) 792

H

halo effect 854
Hazard Analysis and Critical Control Points (HACCP)
903
Hazardous Association Risk Level (HARL) 370
Hazardous Associations of Analytes (HAA) 370
Health Insurance Portability and Accountability Act
(HIPAA) 1208
higher education
entrepreneurship 1726-1727
High Planning Council 1538, 1554
hill climbing 636
HyperText Markup Language (HTML) 624
Historically Disadvantaged Individual (HDI) 1173
Home Base Station (HBS) 515
HR managers 1450, 1456, 1469, 1471, 1848
human capital 796
human health biotechnology 762, 766-767
Human Resource Management (HRM) 332, 1446
hybrid poplar 1006

I

i2010 eGovernment Action Plan 1875
ICT adoption 1188
industry and organization selection 442
Information Communication Technologies (ICT)
44, 97, 118, 198, 200, 296, 497, 526, 560, 563,
581-582, 604, 646, 674, 792-793, 818, 945, 1142-
1143, 1161-1162, 1181, 1185-1186, 1433, 1755,
1773, 1788, 1806, 1837, 1877, 1980, 1982, 1989
in medical practice 1187
information risk 1080
information security
key factors 1226
Information Security Management Systems (ISMS)
394-395
information space virtual 681
Information Technology Authority (ITA) 798
Information Technology (IT) 26-27, 306, 328, 373,
581, 583, 620, 644, 830, 834, 1695, 1930
Information Technology (IT) Therapy 581, 583
Information Technology Security Assessment 419
Infrastructure as a Service (IaaS) 141, 153

innovation
conceptualizing 259, 1523
developing countries 947
multiple channels 268, 1527
innovation adoption 847
Innovation an Implementation Strategy (IIS) 1605
innovation channels 268, 1527
innovation paradigm 1525
innovation programme
purpose 933
innovative entrepreneurship 176
Inovamais 932-933, 936
institution-based view 866
Integrated eOperations (IO) 1495-1496
barriers and impediments 1498
collaborative business interfacing 1500
Intellectual Property (IP) 167, 186, 283, 445, 866, 979
3rd party 1127-1128, 1132, 1135, 1138
licensing 186, 268, 283, 1527
new 1127, 1132
pre-existing 1127, 1138
strategy 283
Intellectual Property Rights (IPR) 239, 257, 947, 956,
1566, 1807, 1815
Intelligent Energy-Europe Programme (IEEP) 1877
Inter-Carrier Interference (ICI) 517
Interchange of Data between Administrations (IDA
II) 1877
internal flow 381
internal knowledge 1310, 1322
internal service 1412
International Entrepreneurship (IE) 1824
International Marketing Strategy (IMS) 1605
International Organization for Standardization (ISO)
627, 1220, 1880
Internet
development in Saudi Arabia 820
Internet-based ICT adoption
barriers 563, 569, 571
benefits 569
Interoperability Solutions for European Public
Administrations (ISA) 1877
Inter-Organizational Information Systems (IOIS) 341
inter-organizational relationships 341, 344-346, 1344
Inventory Control (IC) 1679
inventory management 1076
investigation-prototype-marketing 3
IT Conversion Theory 378-379
Iterative Multiattribute Multiunit Reverse Auction
(IMMRA) 121
IT governance 29

J

Jacobian externalities 1542
 Joint Photographic Experts Group (JPEG) 628
 Just in Time (JIT) 381, 529, 1081, 1473

K

Kaiser-Meyer-Olkin Test 1606
 Kiva 1278, 1283
 knowledge storage 1256
 k-Nearest-Neighbour (k-NN) 459
 knowledge acquisition 264, 1256, 1325, 1525
 Knowledge Activities (KA) 1254-1255
 classification 1272, 1325
 Knowledge Asset Management (KAM) 442
 knowledge assets 443
 knowledge-based perspective 865, 879
 knowledge-based services 862, 864, 868, 953, 1627, 1812
 Knowledge-based Society (K-Society) 564
 knowledge codification 1256, 1325
 knowledge creation 1257, 1309, 1327, 1339
 knowledge maintenance 1256, 1326
 Knowledge Management (KM) 443, 1254, 1323, 1427, 1478
 Knowledge Oasis Muscat (KOM) 798
 knowledge sharing 1643
 knowledge sharing system 1432
 knowledge storage 1326
 knowledge technology 1433
 knowledge transfer 1257, 1326

L

langrangian relaxation 636
 Large Enterprises (LE) 1677
 Learning Object Metadata (LOM) 627
 Learning Outcomes (LO) 1739, 1760
 Lightweight Message Exchange (LIME) 1889
 Likert scale 444
 Linking Open Data (LOD) 918
 Linton, Ralph 1386-1387
 logistic regression 459

M

machine learning 459
 Macrocell User Element (MUE) 524
 macroeconomic environment 104, 1543
 management style 1311
 manual method ontology 386
 manufacturing lifecycle 1029

manufacturing performance 1027
 manufacturing process
 inbound phase 1029
 outbound phase 1031
 production phase 1030
 market risk 1117
 Marshallian externalities 1542, 1549-1550
 Material Requirements Planning (MRP) 1679
 Material Resources Planning (MRP II) 1679
 Maximum Contaminant Content (MCC) 365
 Maximum Contaminant Level (MCL) 358
 Maximum Customer's Benefit (MCB) 129
 Maximum Residue Limit (MRL) 358
 measurment model 1033
 Media Asset Management Systems (MAMS) 1947
 Medium to Large (M&L) enterprises 1170
 Methodology for Security Management and Maturity
 in Small and Medium-size Enterprises (MSM2-SME) 394
 microeconomic theory 47
 Minimum Required Performance Limit (MRPL) 358
 misbehavior detection 1976
 mixed method ontology 386
 Mobile Web Initiative (MWI) 629
 mobile web paradigm 608
 Modified Duplex System (MDS) 702, 704
 Modified Vickrey Auction (MVA) 128
 mompreneurs 322-323, 326
 Moving Picture Experts Group (MPEG) 624
 Multi Agent Systems (MAS) 119, 198, 204, 215
 multifaceted networks 1986
 Multilayer Perceptron (MLP) 460
 multilingualism 1952
 Multinational Corporations (MNC) 455

N

nanotechnology 497
 National Council for Graduate Entrepreneurship
 (NGCE) 1728, 1736
 National Endowment for Science, Technology and the
 Arts (NESTA) 1728, 1736
 National Innovation Systems (NIS) 763
 National SME Development Council 563-564, 566, 568, 576, 578, 1032, 1042, 1428-1429, 1443
 NeP4B architecture 343
 benefits and challenges 344
 networked enterprise 1639, 1641-1642, 1653
 Networked Readiness Index (NRI) 797
 Neural Networks (NN) 459
 New Economic Model 1042, 1429
 Nigerian IT Development Agency (NITDA) 843

Index

N-Modular Redundancy (NMR) 697
Non-Governmental Organizations (NGO) 1698
Nordic Centre on Corporate Responsibility (NCCR)
1701
Norwegian Oil Industry Association (OLF) 1496

O

objective measurement 1680
Occupational Health and Safety (OHSAS) 1714
Onshore remote Support Centers (OSC) 1502
On-the-job training 1470-1471
Open Computer Architecture (OCA) 739
Open Government Data (OGD) 917
Open Innovation (OI) 161, 164, 307, 944-945, 1807
 conceptualization 182
 conceptualizing 260
 developing countries 1807
 economic theory 238
 legal aspects 239
 network theory 237
 organizational theory 237
 portal back-end 314
 portal front-end 315
 process overview 311
 system architecture 310
Open Regional Innovation System (ORIS) model 183
Open Source Enterprise Resource Planning (OS-ERP)
217, 234, 1654
 Belgium 220
Open Source Software (OSS) 216
operational hedging 1046, 1053
operational risk 1075, 1117
operational risk management 1108
Operator Control Unit (OCU) 731, 737, 744
opinion mining 1956
opportunity recognition 1925
Organizational Capital (OC) 445
organizational citizenship 1472
organizational culture 539, 1311, 1319
organizational effectiveness 494, 1175, 1472
organizational elements 1316
organizational innovation 1693
Organization for the Advancement of Structured
 Information Standards (OASIS) 1889
outlier identification 1976

P

Palo Alto Research Center (PARC) 1695
Partial Least Squares (PLS) 840, 851, 1040, 1195
Partner Relationship Management (PRM) 1914

Payment Protection Insurance (PPI) 1242
Peak Signal-to-Noise Ratio (PSNR) 628
peer-to-peer networking 343, 351
Peer Virtual View (PVV) 343
Perceived eReadiness Model (PERM) 823
Perceptual Evaluation of Audio Quality (PEAQ) 633
Perceptual Quality (PQ) 633
personal selling 883
Platform as a Service (PaaS) 141, 153
Points of Single Contact (PSC) 1877
power control
 close loop 521
 open loop 520
preferential procurement 1172
proactive corporate environmental strategy 1095
Process-Aware Information Systems (PAIS) 1585
process innovation 265
product differentiation 1488
product innovation 265
production prototype 716
product knowledge 888
product risk 1074
product strategy 888
project management 719
Project Management Process (PMP) 719
Project Management Team (PMT) 719-720
proof-of-principle prototype 716
Proprietary Enterprise Resource Planning (P-ERP) 218
prosumer 1982
Protected Health Information (PHI) 1208, 1210
 international regulations 1211
 state regulations 1212
Public Private Partnerships (PPP) 968
Public Sector Information (PSI) 915
Purchase Requisition (PR) 1582
Putnam, Robert 1385

Q

Qualifying Small Enterprises (QSE) 1170
qualitative methods 1113
quality assurance 726
Quality Assurance Implementation Plans (QAIP) 727
quality management 1461
Quality of Service (QoS) 638
quantitative methods 1113

R

Radio Frequency Identification (RFID) 198, 215,
 544, 611
Really Simple Syndication (RSS) 1923

Redfield, Robert 1384-1385, 1389, 1391
 Redundant Array of Independent Disks (RAID) 728
 Reference Limit for taking Regulatory Action (RLRA) 359
 regulatory capital 1111
 relationship-oriented sales approach 883
 renewable energy industry 442
 Research and Development (R&D) 165, 172, 259, 934, 1535
 Research Development and Commercialization (RDC) 1911
 Resource Advantage (RA) Theory 50
 Resource-Based View (RBV) 50, 1373, 1622, 1791, 1844
 Resource Description Framework (RDF) 627
 resource maturity 1362
 Restriction of Hazardous Substances (RoHS) directives 1091
 Reusable Pattern for Security Management (RPSM) 394-395
 risk analysis
 Brazilian policies 359
 risk estimation 1113
 risk management 384, 1111
 competitive advantage 1113
 risk mitigation 1113
 robotics 715
 AARM 740
 MRI-P 752
 prototype development 718
 TRACKER 731
 Role Activity Diagramming (RAD) 1583
 Root Capital 1280

S

Sample Compliance Interval (SCI) 368-369
 Sample Risk Level (SRL) 367-370
 Scalable Baseline Profile (SBP) 629
 Scalable Video Coding (SVC) 628, 642
 Scenario Planning for Marketing Action (SPMA) 1911, 1915
 Science and Technology Based Enterprises (STBE) 761
 scientific management 1470
 Secure Identity Across Europe Linked (STORK) 1877
 Secure Trusted Asynchronous Reliable Transport (START) 1888
 security culture 407
 Security Management System (SMS) 402
 security metrics 419, 1238
 Self-Testing (ST) property 697
 Selling Orientation-Customer Orientation (SOCO) scale 887, 910
 Semantic Quality (SQ) 633
 sentiment analysis 1958
 Service-Dominant Logic (SDL) 1900, 1906, 1911-1912, 1984-1986, 1989, 1991-1992
 service innovation 265
 Service Metadata Locator (SML) 1888
 Service Metadata Publishers (SMP) 1888
 Service-Oriented Architecture (SOA) 1911, 1915
 Service Science, Management and Engineering (SSME) 143
 Seventh Economic Plan 565
 Sharable Content Object Reference Model (SCORM) 627
 Signal to Interference Noise Ratio (SINR) 524
 Signal to Noise Ratio (SNR) 628
 Simple Procedures Online for Cross-Border Services (SPOCS) 1877
 Simulated Loss Review (SLR) 1868
 Single Event Upsets (SEU) 698
 skills shortage 646
 Small and Medium Enterprises (SMEs)
 and innovation 192, 261, 945, 1553
 audit tool 685
 biopharmaceutical 1408-1412, 1419
 crowdsourcing 1294, 1297
 customers' role 1327
 e-business 43, 98-100, 113, 578-579, 605, 794, 1160, 1221
 e-commerce adoption 817
 entrepreneurship 1619, 1628
 family businesses 1458
 ICT adoption 794
 ICT diffusion 794
 internationalization framework 1825
 open innovation 197, 257, 262, 280, 293, 306, 376, 562, 943, 980, 1292, 1307, 1579, 1724, 1789, 1804, 1820, 1859
 policy strategies 950, 1809
 Small and Medium Industries Development Corporation (SMIDEC) 1428, 1435
 Small and Medium-Sized Industry Development Organization (KOSGEB) 1537, 1539, 1544
 Small Business Enterprise (SBE) 1725-1726, 1729-1730
 open innovation 1840
 Small Business Innovation Program 956, 1815
 Small Business Service (SBS) 1145
 small developing countries 1821
 Small Firms Association (SFA) 345

Index

Smart Open Services for European Patients (epSOS) 1878
social bookmarking 85
Social Responsible Consumption Logic (SRCL) 1902
social structures
 loosely organized 1391
Software as a Service (SaaS) 141, 154, 225
spamming 1952
Specialised Biotechnology Enterprises (SBE) 761
Staford Beer proposal 18
stakeholder analysis 321, 1980-1982, 1989, 1992
Stovetop (ST) 1828
Strategic Business Unit (SBU) 532
strategic choice 1361
strategic competitiveness 1844
strategic selling 884
stratup companies 1861
Strengths, Weaknesses, Opportunities and Threats (SWOT) 7
structural model 1036
subjective measurement 1680
substantive equality 1167, 1179
succession ethnicity 1510
succession planning 1507-1508
 cultural aspect 1510
 strategic aspect 1509
Supplier Negotiation Agent (SNA) 125
Supplier Planning Agent (SPA) 125
supply chain components
 ethanol distribution 1012
 ethanol production process 1007
 raw materials 1003, 1009, 1021
Supply-Chain Council (SCC) 1068
Supply Chain Environmental Management (SCEM) 1090-1092, 1097-1098
Supply Chain Management (SCM) 217, 528, 533, 1097, 1681
Supply-Chain Operations Reference (SCOR) model 1068
Supply Chain (SC)
 managing risks 1072
Support Vector Machine (SVM) 460
sustainability 1243
sustainable development 176, 269, 420-421, 426, 430, 432-439, 604, 793, 949, 960, 1090, 1092-1093, 1097, 1102, 1183, 1291, 1358, 1527, 1553, 1696-1697, 1699, 1720, 1723-1724, 1809, 1841, 1982
Sustainable Supply Chain Management (SSCM) 1092
SWOT Framework Analysis 19
system engineering 722
Systemic Knowledge-Based Resources (SKBR) 1827

Systemic Property-Based Resources (SPBR) 1827
Systems Engineering Team (SET) 719

T

Technical Committees (TC) 1880
Technological Capital (TC) 445
technological innovation 265, 1525, 1527
Technological System (TS) approach 763
Technology Acceptance Model (TAM) 26-27, 30, 32, 795, 824
technology licensing 186
Technology-Organization-Environment (TOE) 816, 823-824, 840, 842, 1680
Technology-Process-Culture (TPC) triangle 610
technophobia 303, 305
telecommunication infrastructure 796
telecommuting 1476
Tenders Electronic Daily (TED) 919
Tenth Malaysia Plan 1429
Theory of Charisma 4
Theory of Planned Behavior (TPB) 26-27, 30, 32, 795
Theory of Reasoned Action (TRA) 567
thick transcripts 1328
thread diagram 1069
Totally Self-Checking (TSC) property 697
Total Quality Management (TQM) 1473, 1541
Toulmin's analysis 1825
Trade and Business Processes Groups (TBG) 1879
trade liberalization 48, 50
trade risks 1073
training programs 1488
transactional selling 884
Transaction Cost Economy (TCE) 26-27, 30, 33
transaction cost theory 46, 48-49, 342, 1990
transaction space
 virtual 681
transformative character 1165
Transnational Innovation Pilot Programmes (TIPPS) 492
triple convergence 1900, 1906
Triple Helix concept 237, 964
Triple Helix model 169, 286
Triple Module Redundancy (TMR) 697
trust-based selling 888
Trusted Lists (TSL) 1880
Turkish Statistical Institute (TSI) 1539

U

U Model 1825
Uniform Resource Identifier (URI) 627

Universal Business Language (UBL) 1880
 University of Macau (UM) 1754-1755, 1764, 1776
 undergraduate experience 1756
 Unix consortium 345-347, 349
 Unix entrepreneurs 345, 348
 unordered subtree 468
 urban greenwaste 1006
 Usage Environment Description (UED) 624
 User involvement and participation 1925
 Users Association for Advanced Technologies (UA)
 238, 240-241, 964, 980

V

Valuation Theory 378
 Value Added Tax (VAT) 1880
 value chain 12
 value creation 885
 Varimax rotation 572, 1606
 Vendor Managed Inventory (VMI) 529, 1080
 Very Small Aperture Terminal (VSAT) 543
 Vestergaard-Frandsen 1278, 1281
 Vickrey-Clarke-Grove payments 121
 Virtual Breeding Environment (VBE) 200
 Virtual Enterprises (VE) 198, 200-201, 215
 Virtual Private Network (VPN) 528, 538, 541
 virtual server hosting 1130
 Virtual Worlds (VW) 1868

W

warehouse financing 1067
 risk control 1071
 Waste Electrical and Electronic Equipment (WEEE)
 directive 1091
 wealth creation 2-3, 336, 1463
 Web 3.0/4.0 1900, 1907
 Web 2.0 technologies 84
 Web 2.0 tools 85
 web assessment 797
 website content 1136
 website design 1126
 website development 1121, 1140-1141
 website hosting 1129-1130, 1140
 Wellman, Barry 1386, 1392, 1394
 wiki collaboration 1866
 Wikinomics 1929
 Wilcoxon Signed Rank tests 1741-1742, 1744
 Wireless Application Protocol (WAP) 630
 Wireless Universal Resource File (WURFL) 630
 World Competitiveness Reports 53
 World Economic Forum 53, 115, 566, 580, 792, 796-
 799, 811, 813, 815, 821, 839, 843, 859, 1726
 World Trade Organization (WTO) 818, 839, 1535