Index

Academy of Sciences of the	Aventis Capital, 85
Republic of Belarus, 230	AVentures Capital, 85
Access subindex, 10	
Account ownership, 31	Balance of payments, 236–241
ADANI, 60	Banking sector, 275–277
Administrations	BELARUSBANK Pay, 38
economic development, 210-213	Belarus Digital Infrastructure, 33
institutional framework, 213-214	Belarusian energy system (BES), 109,
legal framework, 213–214	110, 122–124
population, 205–210	Belarusian nuclear power plant (BelNPP)
regional policy. See Regional	commissioning, 123
policy	integration, 124
social development, 210-213	launch, 123
structure, 205–210	objectives, 122–123
Agrarian sector, 129–144	organizational and commercial
Agreement on International Rail	tools, 124
Freight Traffic (AIRFT), 158	Belarusian Optical and Mechanical
Agricultural products, 130, 131, 134	Association, 42
Agro-industrial complex (AIC)	Belenergo, 108
development trends, 130-131	Belinvestbank, 37
foreign trade, 138–142	Belneftekhim, 110, 131
national food security, 137-138	Belorusneft, 111, 112
rural development and social	Beltopgaz, 110
infrastructure, 142–143	Biomass-to-energy production,
state programs of development,	120
131–135	Bitcoin, 30, 31, 36
state support, 135–137	BizTech, 84
AIC. See Agro-industrial complex	Blockchain, 79
(AIC)	Brest-Moscow corridor, 155
AIMatter, 48	Budget investments, 297–300
Air transportation, 159–160	Business tourism, 179
Alfa-Bank, 35	
All-Belarusian National Assembly in	Capital Times, 85
2005, 183	Cargo transportation, 151, 153
Android Pay, 35	Cellular communication, 12
Apalon Apps, 49	Chernobyl Nuclear Power Plant
Apple Pay, 27, 35	(NPP), 213
Automated teller machine (ATM), 27,	China-Belarus Industrial Park (CBIP),
28, 32	333

Chinese-Belarusian Industrial Park, 77,	input–output tables, 314–315
79, 80, 81	scenarios, 316–318
Circular economy	Education
circular suppliers, 104	for adults, 183
economic effect, 103	code, 69
features, 102	higher education, 183–185
principles, 103	innovative economy, 183–185
product as a service, 104	potentials, 16
product life extension, 104	scope, 181–183
resources recovery, 104	structure, 181–183
sharing platforms, 104	Energy balance, 113–114
Civil Code, 69	Energy security concept, 116
Commercial banking, 25–40	"Entrepreneurial organizations,"
Commonwealth of Independent States	184
(CIS), 11	Entrepreneurial universities
Corruption Perceptions Index, 17–18	Belarus, 186–187
Crude oil, 115	social guidelines, 187–188
Cryptocurrencies, 79	Environmental impact assessment
Cryptocurrency exchanges, 59	(EIA), 95
Cryptocurrency markets, 34–38	EPAM Systems, 51
	E-40 system, 160
Data mining, 27	Ethereum, 36
Data warehousing, 28	Eurasian Economic Union (EAEU)
Design technoparks, 76	2, 91
Destination approach, 170	Europe 2020 Strategy, 195
Digital currencies, 30, 31	Export customs duties, 329
Digital Economy, 33–34	Exports, 235–247
Digitalization, 29–33	
Digital transformation, 55, 59	Fabby, 48
Doing Business (DB)	Facebook, 48
information and communication	FEI. See Fuel and energy industry
technology (ICT), 9	(FEI)
quantitative indicators, 7	Financial stability
ranking positions, 7	achievements, 279–284
Domestic industry, 241	board, 272–273
	definition, 270
Eastern European dimension, 331	development prospects, 285–286
E-Banking, 26	disclosure of information,
Eco-labeling, 100	273–274
Ecological tourism, 100–101	monitoring, 271–272
Economic growth	problems, 284–285
balance of payments, 312–314	role, 271
currency crisis, 309	Financial technology. See FinTech
GDP, 309-319	FinTech. 25–40

Fiscal policy	peat industry, 110
budget investments, 297–300	petroleum industry, 110–111
economic growth, 291–297	•
sustainable development, 290	Gas industry, 110
sustainable growth, 301–303	Gender Development Index (GDI), 3,
tax expenses, 297–300	5, 6
Fixed capital, 65, 66	Geothermal waters, 120
Flagship initiatives, 332	GII, 14
Flo, 49	Gini coefficient, 4
Foreign direct investment (FDI)	Global Innovation Index, 14
business report indicators, 2018,	Global ratings, 1–22
261–266	Google Pay, 27
institutional foundations, 261–266	Governance Matters, 18–19
internationalization of business	Green economy
activity, 257–261	concept, 93
investment climate assessment,	ecological tourism, 100–101
251–254	electric transport and urban
transnational corporations (TNCs),	mobility, 97–98
254–257	energy-efficient homes and housing
trends and regional directions,	stock, 98
249–251	external factors, 95
Foreign economic policy	factors, 95
Formats of Cooperation, 330–335	features, 93
geography, 330–335	implementation, 94
international economic integration	internal factors, 95
processes, 335–339	National Action Plan (NAP), 96
national sustainable development	organic products, 99
strategy, 323	principles, 94
objective, 324–330	renewable energy sources, 98–99
principles, 324–330	"smart" cities, 97–98
transformation, 324–330	sustainable consumption and
Foreign trade, 68, 235–236	production, 99–100
Fuel and energy industry (FEI)	Gross domestic product (GDP), 70
Belarusian energy system (BES),	agriculture, 65
109, 110	energy intensity, 120, 121
Belarusian nuclear power plant	industrial sector, 65
(BelNPP), 122–124	knowledge-intensive, 81
Belenergo, 108	logistics contribution, 149
Belorusneft, 111, 112	manufacturing sector's, 65
energy security issues, 112-118	structure, 64
gas industry, 110	Gross National Income (GNI), 3
local and renewable energy sources,	Gross regional product (GRP),
119–122	210
management structure, 108	Gross value added (GVA), 239

Higher education, 183–185	Industrial technoparks, 76
High-Tech Park (HTP), 33, 44, 48, 77	Industry 4.0, 41–60
company number, 56	Inequality-adjusted Human
monthly revenues per employee and	Development Index
salary, 58	(IHDI), 3, 4, 5
residents, 79	Information technology, 28
Highways, 150–155	Infrastructure Interagency Coordi-
Hospitality industry, 163–179	nating Council (IICC), 200
Housing Fund of the Republic of	Innovation clusters, 73–85
Belarus, 225–226	Innovation infrastructure, 77
Human Development Index (HDI),	Innovation networks, 73–85
2–7	Innovations, 13, 14, 15
	for adults, 183
ICT Development Index (IDI)	higher education, 183-185
Commonwealth of Independent	innovative economy, 183–185
States (CIS), 11	scope, 181–183
dynamic of ranking, 11	social innovation. See Social
education potential, 16	innovation
individuals using internet, 11	structure, 181–183
institutional environment, 15	Innovation Union, 196
market sophistication, 16	Innovative economy, 183–185
monitoring prices, 12	Institutional development tasks, 68
strengths, 12	Institutional environment, 15
subindices, 10	INSYNC.BY, 39
weaknesses, 12-13	Integral, 42
ID Finance, 33	Intellectual property, 76, 77
"Immiserizing growth" effect, 58	Interministerial Infrastructure
Imports, 235–247	Coordination Board, 198
Independent organizations, 198	Internal passports, 229
Index method, 170	International chained-brand hotels,
Indicators, 3, 4	168
analysis, 14	International hotel chains (IHG), 168
component, 8	International Monetary Fund (IMF), 36
Domestic credit provided by	International ratings, 2, 21, 22
financial sector, 8	International specialization, 236
energy security, 117-118	International Telecommunication
groups, 15	Union (ITU), 9
High-Tech Park (HTP), 44	Internet banking, 26
knowledge-intensive GDP, 81	Internet of Things, 33
proxy, 10	Investment
Industrial assembly shop, 65	Housing Fund of the Republic of
Industrial development, 63	Belarus, 225–226
Industrial policy, 64, 67–71	information and communication
Industrial production, 66	technologies, 229

infrastructure, 226–229 smart city creation and implementation, 230–231 Investment tasks, 68 IT outsourcing, 41–60 IT sector digital economy formation, 55–56 indicators of dynamics, 42–44 legislation and policy documents, 54–55 success stories, 44–51	National Classification of Economic Activities, 43 National competitiveness, 64 National food security, 137–138 National Infrastructure Plan of the Republic of Belarus, 201 National Statistics, 236–241 National Sustainable Development Strategy (NSDS), 92 Nontariff regulation measures, 328 NSDS-97, 90 NSDS-2030, 91, 92, 103
Labor Code, 69	113D3-2030, 91, 92, 103
Labor Code, 69 Logistics, 147, 148	Online banking, 26 On State Forecasting and Programs
Macroeconomic facts and effects, 51–53	of Social and Economic Development of the
Macroeconomic tasks, 68	Republic of Belarus, 214
Mail.Ru Group, 48	Open API platform, 35
Maps.me, 48	Organizational-institutional principles
Market sophistication, 16	194
Measuring the Information Society	D 1 D 40
Report (MISR), 9–10	PandaDoc, 49
Microeconomic policy, 64 Minsk-1, 42	Payment system 26
Minsk-Gomel road, 155	Payment system, 26 PayPal, 27
Minsk–Mogilyov road, 154	Peat industry, 110
Minsk Production Group for	Peer-to-Peer Electronic Cash System,
Computing Machinery, 42	30
Mobile access, 12	PETC II, 156–157
Mobile-Money-Service Provider, 31	PETC IX, 157–159
Monitoring prices, 12	Petroleum industry, 110–111
MSQRD, 48	Pipeline, 161
Municipal solid waste (MSW), 100	Pipelines transportation, 112
	Population, 205–210
National Bank	Preferential investment regime, 262
banking sector, 275–277	Proactive policy, 67
description, 274–275	Public entities, 198
financial stability. See Financial stability	Public–private partnerships (PPPs) characteristics, 195–199
leasing organizations, 277	definition, 195
microfinance organizations, 277	institutional conditions, 199
payment system, 278	mechanism of implementation,
stocks and bonds market, 278	199–203

organizational-institutional	Society for Worldwide Interbank
principles, 194	Financial
risk management, 202	Telecommunication
task issues, 195	(SWIFT), 28
The state of the s	Socioeconomic indicators, 132–133
Purchasing power parity (PPP) conversion rates, 3	Socioeconomic systems, 73
conversion rates, 3	
O1:tf I :f- I1 16 17	Software products, 44, 48, 49
Quality of Life Index, 16–17	Sport.com, 44
D 1	Startups, 49, 50
Railway transport	State-owned enterprises, 66
PETC II, 156–157	Structural changes, 64–67
PETC IX, 157–159	Sustainable development, 290
Reactive industrial policy, 67	green economy, 93–101
Regional policy, 67	institutional framework, 90–92
goals, 214–217	Sustainable development goals
institutional framework,	(SDGs), 16, 91, 92
213–214	Sustainable Development Solutions
instruments, 217–218	Network (SDSN), 16
legal framework, 213–214	Sustainable growth, 301–303
objectives, 214–217	
subjects, 214–217	Tariff import quotas, 329
Remote banking services (RBS), 39	Tax Code, 69
Renewable energy, 119, 121	Tax expenses, 297–300
Research technoparks, 76	Technological development tasks, 68
Risk management, 202	Technological parks, 74
Road transport, 150–155	design, 76
	industrial, 76
"Salary ceiling" effect, 58	research, 76
Samsung Pay, 35	scientific and technology incubator
Scientific and technology incubator, 76	76
ServiceNow, 49	types, 75
Silicon Valley of Eastern Europe, 9	Technology-based banking services,
Skills subindex, 10	27–29
Skywind Group, 44	Total transaction value, 32
Small and medium enterprises	Tourism, 163–179
(SMEs), 82	Tourism competitiveness, 170-177
Smart cities	Trade in value added method
creation, 230–231	balance of payments, 236-241
implementation, 230-231	definition, 241–244
investment. See Investment	domestic industry, 241
modern trends, 223	foreign trade, 235–236
positive impact, 224	indicators, 245–246
"Smart" cities, 97–98	international specialization,
Social innovation, 193–204	236
, , , , , , , , , , , , , , , , , , ,	

National Statistics, 236–241 results, 244–246 Trans-European Transport Networks (TEN-T), 156 Transnational corporations (TNCs), 254–257 Transport sector, 148, 153

UN Global E-Government
Development Index
(EGDI), 19–22
United Nations Development Program
(UNDP), 2
University 3.0 concept, 84, 184
Urbanization, 98
Use subindex, 10

V-BANKING, 39 Viaden Media, 44 Viber, 44 Virtual money, 36

Wargaming.net, 44
Water transport, 160
Western European dimension, 331
Wind energy, 120
Wooden fuel, 120
World Economic Forum (WEF),
170
World Hockey Championship, 164,
166
World Intellectual Property
Organization (WIPO), 14
World Justice Project Rule of Law
Index, 18
World of Tanks, 44
World Trade Organization (WTO)

World Trade Organization (WTO), 142