



Index Component	BG	GR	HU	RO
Structure: Complexity	38	51	14	24
1.01 Economic complexity	38	51	14	24
Structure: Scale	61	75	26	19
1.02 Manufacturing value added in economy % GDP	45	88	16	12
1.03 Manufacturing value added US\$ millions	66	53	45	37
>Driver: Technology & Innovation	36	57	49	67
<i>Technology Platform</i>	<i>44</i>	<i>63</i>	45	57
2.01 Mobile-cellular telephone subscriptions /100 pop.	41	66	43	74
2.02 LTE mobile network coverage % population	50	35	21	60
2.03 Internet users % pop.	58	48	28	61
2.04 FDI and technology transfer	43	90	44	71
2.05 Firm-level technology absorption	57	64	91	80
2.06 Impact of ICTs on new services and products	51	81	45	64
2.07 Cybersecurity commitment	45	63	54	43
<i>Ability to Innovate</i>	<i>35</i>	50	48	<i>89</i>
2.08 State of cluster development	60	93	72	92
2.09 Company investment in emerging technology	45	93	85	91
2.10 Gov't procurement of advanced technology products	50	97	81	99
2.11 Companies embracing disruptive ideas	65	80	99	67
2.12 Multi-stakeholder collaboration	65	90	82	86
2.13 R&D expenditures % GDP	39	42	29	69
2.14 Scientific and technical publications Number per Billion PPP\$ GDP	43	21	29	39
2.15 Patent applications applications/million pop.	40	32	27	45
2.16 Venture capital deal volume US\$ millions	47	45	62	57
2.17 Venture capital deal volume per size of economy US\$/GDP	18	51	72	71
> Driver: Human Capital	52	44	42	57
<i>Current Labor Force</i>	39	35	36	44
3.01 Manufacturing employment % working population	5	75	4	12
3.02 Knowledge-intensive employment % working pop.	37	41	33	55
3.03 Female participation in labor force ratio	19	46	32	42
3.04 Mean years of schooling Years	41	43	21	39
3.05 Availability of scientists and engineers	80	10	78	72
3.06 Digital skills among population	72	56	93	59
<i>Future Labor Force</i>	<i>72</i>	55	49	71
3.07 Migration migrants/100,000 pop.	82	39	35	64
3.08 Country capacity to attract and retain talent	88	95	86	96
3.09 Quality of universities Count	62	38	38	47
3.10 Quality of math and science education	64	46	61	21
3.11 Quality of vocational training	87	84	96	66
3.12 School life expectancy Years	49	11	39	50
3.13 Pupil-to-teacher ratio in primary education Ratio	54	4	10	60
3.14 Critical thinking in teaching	76	85	62	95
3.15 Active labor policies	52	79	59	47
3.16 On-the-job training	90	75	84	81



Index Component	BG	GR	HU	RO
3.17 Hiring and firing practices	50	65	22	41
> Driver: Global Trade & Investment	51	52	44	58
<i>Trade</i>	23	60	20	42
4.01 Trade % GDP	17	65	7	48
4.02 Trade tariffs % duty	17	24	19	22
4.03 Prevalence of non-tariff barriers	68	23	75	37
4.04 Logistics performance	66	44	33	58
<i>Investment</i>	72	39	76	60
4.05 Greenfield investments US\$ millions	61	66	47	31
4.06 FDI inflows US\$ millions	68	60	44	47
4.07 Domestic credit to private sector % GDP	59	24	77	87
<i>Infrastructure</i>	50	40	41	55
4.08 Transport infrastructure	62	43	25	59
4.09 Electricity infrastructure	41	39	64	52
> Driver: Institutional Framework	55	59	44	46
<i>Government 0-10</i>	55	59	44	46
5.01 Regulatory efficiency	37	61	31	49
5.02 Incidence of corruption	54	50	42	42
5.03 Future orientation of government	73	100	85	74
5.04 Rule of law	58	49	39	47
> Driver: Sustainable Resources	30	41	12	23
<i>Sustainability 0-10</i>	30	41	12	23
6.01 Alternative and nuclear energy use % total energy use	31	70	38	37
6.02 CO2 intensity level CO2 emissions in megatons/GDP (US\$ billions)	86	42	43	52
6.03 CH4 intensity level CH4 emissions in megatons/GDP (US\$ billions)	58	20	29	48
6.04 N2O intensity level N2O emissions in megatons/GDP (US\$ billions)	74	32	46	59
6.05 Baseline water stress Annual withdrawals, % of annual available blue water	36	70	19	24
6.06 Wastewater treatment	29	21	38	56
> Driver: Demand Environment	60	54	59	57
<i>Foreign and Domestic Demand</i>	61	55	46	40
7.01 Market size	61	55	46	40
<i>Consumer Base</i>	68	58	83	90
7.02 Buyer sophistication	79	70	73	97
7.03 Extent of market dominance	51	48	85	62