

Figure 1 Overview new Sciences





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Fig 2b.Sciences of Networks & ComplexityGrand Unified Theory for *Resilience & Sustainability*



Fig 3. Sustainability Network : Four Sectors and their Hubs Upper half : Gaia-Domain; Lower half : Anthropogenic-Domain



Fig 4a. Sustainable Network : Sector I – Clusters, Hubs & Nodes



Fig 4b. Sustainability Network : Sector II – Clusters, Hubs & Nodes



Fig 4c. Sustainability Network : Sector III, Clusters, Hubs & Nodes

Anthropogenic Domain



Fig 4d. Sustainability Network : Sector IV, Hubs & Nodes

Anthropogenic-Domain



Fig 4d. Sustainability Network : Sector IV, Hubs & Nodes

Anthropogenic-Domain





# Rank		1 HDI	#	Demography		7 Sustainability		13 Educat.	14 Health	17 ICT
	Land	GNI/ca		Med. Age	Fertility	to Footp	CO2	Pupil/Teach Expend./ca	Expend./ca	hternet/100ca
2010	2010	2008	2010	2010	2010-15	2006	2006	2006-08	2007	2008
2	Australia	38 692	21.5	37.8	19		18 1	15.8	3 357	70.8
4	US	47 094	317.6	36.6	2.0	9.0	19.0	14.3	7 285	75.9
10	Germany	35,308	82.1	44.3	1.3	4.0	9.7	18.0	3,588	75.5
11	Japan	34,692	127.0	44.7	1.3	4.1	10.1	18.8	2.696	75.2
20	Spain	29,661	45.3	40.2	1.6	5.6	8.0	13.1	2,671	55.4
27	Singapore	48,893	4.8	40.6	1.3	4.5	12.8	19.5	1,643	69.6
41	Poland	17,803	38.0	38.2	1.3	4.4	5.7	11.0	1,035	42.1
46	Argentina	14,603	40.7	30.4	2.2	3.0	4.4	14.8	1,322	28.1
51	Croatia	16,389	4.4	41.6	1.5	3.3	5.2	17.3	1,398	50.5
56	Mexico	13,971	110.6	27.6	2.0	3.2	4.1	28.0	819	22.2
62	Costa Rica	10,870	4.6	28.2	1.9	2.7	1.8	19.0	899	32.3
65	Russian Fe	15,258	140.4	38.1	1.5	4.4	10.9		797	31.9
73	Brazil	10,607	195.4	29.0	1.7		1.9	23.0	837	37.5
82	Jordan	5,956	6.5	22.8	2.8	2.0	3.6	12.2	434	27
89	China	7,258	1,354.1	34.2	1.8	1.8	4.6	18.3	233	22.5
101	Egypt	5,889	84.5	23.9	2.7	1.4	2.2	21.9	310	16.6
119	India	3,337	1,214.5	25.0	2.5	0.8	1.3	40.7	109	4.5
125	Pakistan	2,678	184.8	21.3	3.6	0.7	0.9	40.7	64	11.1
130	Ghana	1,385	24.3	24.5	2.2	1.6	0.4	32.2	113	4.3
144	Senegal	1.816	12.9	18.0	4.5	1.2	0.4	36.4	99	8.4





