

2.7 Market Share

In many cases, NRENs have been formed either by Universities or at the initiative of Governments. It should be no surprise that they cater for all or almost all of the Universities in many countries.

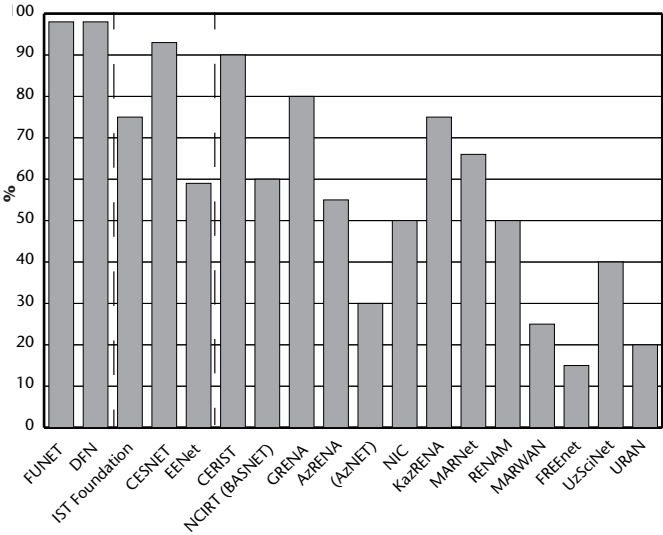
The table and graphs following give the percentage of Universities (ISCED levels 5 and 6) and institutions providing higher and further education (ISCED level 4) in a country that are connected via the NREN. This can be seen as the 'market share' of the NREN.

Table 2.7.1 Percentage of Universities and Institutions of Higher/Further Education Connected via the NREN

Country	Organisation	Universities	Institutions of Higher/ Further Education
Austria	ACOnet	100	60
Belgium	BELNET	100	75
Denmark	UNI•C	100	90
France	RENATER	100	90
Greece	GRNET	100	100
Iceland	RHnet	100	90
Ireland	HEAnet	100	96
Italy	GARR	100	0
Luxembourg	RESTENA	100	100
Netherlands	SURFnet	100	3
Norway	UNINETT	100	90
Portugal	FCCN	100	90
Spain	RedIRIS	100	0
Sweden	SUNET	100	100
Switzerland	SWITCH	100	5
United Kingdom	UKERNA	100	100
Cyprus	CYNET	100	60
Hungary	HUNGARNET	100	100
Latvia	LATNET	100	70
Lithuania	LITNET	100	27
Poland	PSNC (POL34)	100	0
Slovakia	SANET	100	100
Slovenia	ARNES	100	100
Turkey	ULAKBIM	100	20
Bosnia Herzegovina	BIHARNET	100	100
Croatia	CARNet	100	100
Israel	IUCC	100	10
Serbia and Montenegro	AMREJ	100	0
Syrian Arab Republic	SHERN	100	10
Turkey	UKAKBIM	100	20

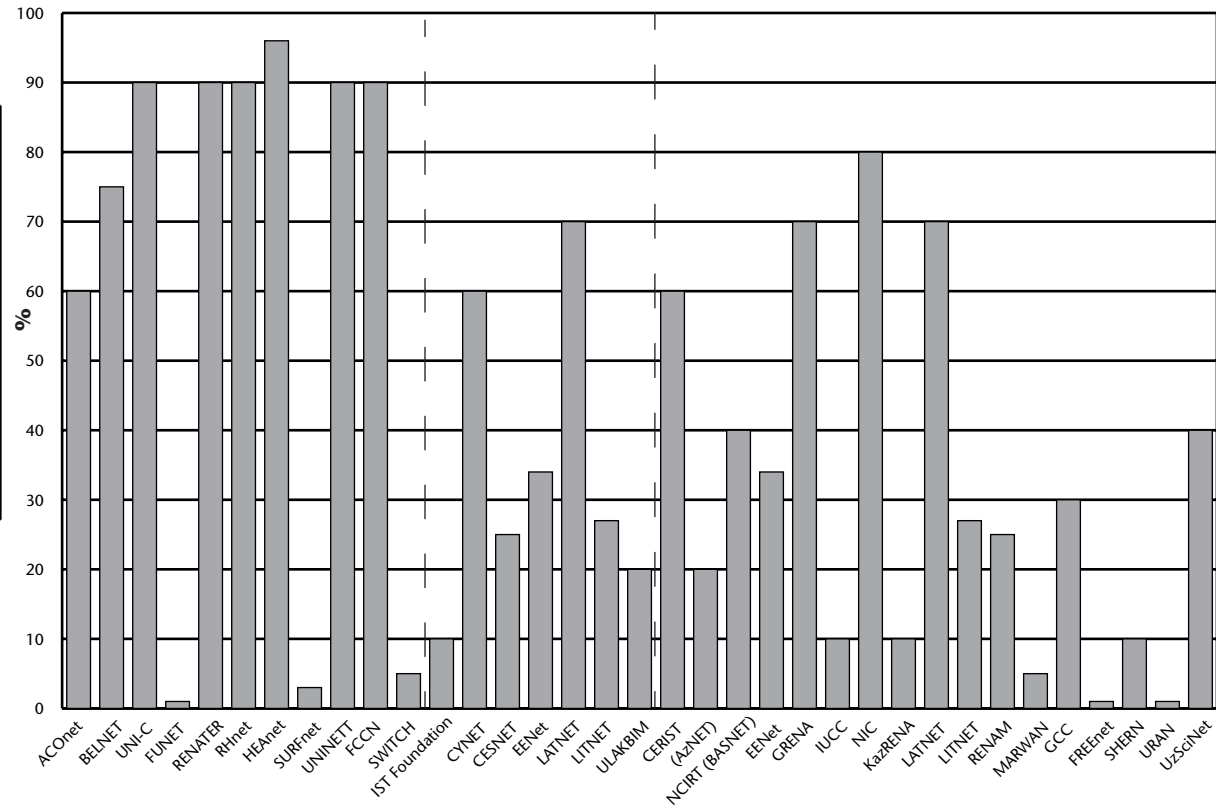
Graph 2.7.2 Percentage of Universities Connected <100%

The following graph lists NRENs which connect less than 100% of the Universities. (Note that the following graphs do not include NRENs that answered 0% or that did not answer.)



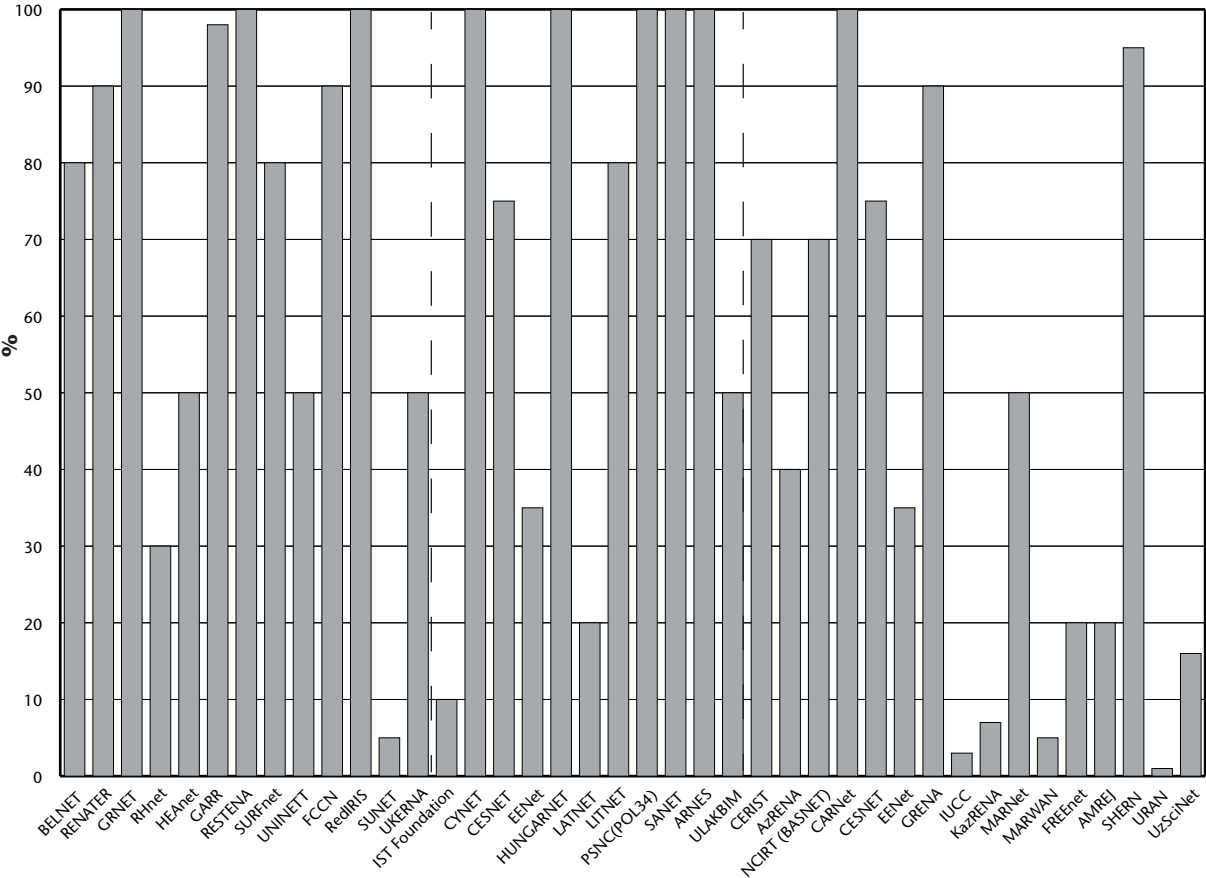
Graph 2.7.3 Percentage of Institutions of Higher/Further Education Connected <100%

This graph lists NRENs which connect less than 100% of the institutions of higher/further education.



The following two graphs show the market shares in the areas of research insitutions and of primary and secondary schools. Of course, the bandwidth of the connection should be taken into account as well. The previous sections have provided more information about the bandwidth of connected Insititutions.

Graph 2.7.4 Percentage of Research Institutions Connected



Graph 2.7.5 Percentage of Secondary and Primary Schools Connected

