

1.1 Date of Start of Operations

Table 1.1 below gives three dates (where known).

Note that research networking has not been continuous in all countries.

TABLE 1.1 Date of Start of Operations

⚡

Indicates the year in which research networking operations first started in the country.

★

Indicates the year in which research networking was started as a separate organisational unit.

😊

Indicates the year in which research networking was was started *in its current form*.

Country	Acronym	on or before 1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Austria	ACOnet							😊																	
Belgium	BELNET										★											😊			
Denmark	UNI•C						😊															★			
Finland	FUNET																								
France	RENATER													😊	⚡★										
Germany	DFN					⚡😊																★			
Greece	GRNET																⚡			😊					
Iceland	RHnet							⚡															★😊		
Ireland	HEAnet				⚡									★					😊						
Italy	GARR								★	⚡														😊	
Luxembourg	RESTENA													⚡								😊			
Netherlands	SURFnet						⚡			★	😊														
Norway	UNINETT	⚡						★								😊									
Portugal	FCCN								😊			⚡													
Spain	RedIRIS									⚡😊															
Sweden	SUNET						⚡😊																		
Switzerland	SWITCH								★😊	⚡															
United Kingdom	UKERNA	★				⚡										😊									
Bulgaria	IST Foundation										⚡★														😊
Cyprus	CYNET																⚡					★😊			
Czech Republic	CESNET														⚡			★😊							
Estonia	EENet														⚡★😊										
Hungary	HUNGARNET								⚡			★		😊											
Latvia	LANET														⚡★😊										
Latvia	LATNET													😊	⚡							★			

- ⚡ Indicates the year in which research networking operations first started in the country.
- ★ Indicates the year in which research networking was started as a separate organisational unit.
- 😊 Indicates the year in which research networking was started *in its current form*.

Country	Acronym	on or before 1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Lithuania	LITNET												⚡				😊								
Poland	PSNC (POL34)														😊	★			⚡						
Romania	RoEduNet											⚡				★				😊					
Slovakia	SANET												★	⚡											
Slovenia	ARNES											★		😊											
Turkey	ULAKBIM							⚡ ★										😊							
Algeria	CERIST	⚡																							
Armenia	ARENA																					★	😊		
Azerbaijan	(AzNET)																		⚡			😊			
Azerbaijan	AzRENA																⚡					😊			
Belarus	(BASNET)	⚡										★							😊						
Bosnia & Herzegovina	BIHARNET																			⚡ ★		😊			
Croatia	CARNet												😊	⚡			★								
Georgia	GRENA																	⚡			😊				
Israel	IUCC						😊																		
Jordan	NIC														😊		⚡					★			
Kazakhstan	KazRENA																						😊		⚡
FYRo Macedonia	MARNet															😊	⚡								
Moldova	RENAM																				😊	⚡			
Morocco	MARWAN																			😊		⚡			
Palestine	GCC																					😊			
Russian Federation	RIPN													😊	⚡			★							
Serbia & Montenegro	AMREJ												😊												
Syrian Arab Republic	SHERN																					⚡	😊		
Ukraine	URAN																			😊	⚡				
Ukraine	UNREN																								⚡ ★
Uzbekistan	UzSciNet																		😊			★			