

4.6 IPv6

NRENs were asked for their plans for IPv6: funding or other involvement in current IPv6 projects; whether or not they have applied for address space (a TLA);

if so how much they have allocated; and when IPv6 will be introduced, either as a pilot service or as a production service. The answers received are summarized in the table below.

Table 4.6

Country	Organisation	IPv6 Involvement	TLA	Allocated?	Pilot	Production
Austria	ACOnet	6NET				
Belgium	BELNET	Will be offering native IPv6 to customers by end 2003.			mid 2003	end 2003
Denmark	UNI•C	NORDUnet / Cisco / EU IPv6			2003	2004
Finland	FUNET	6NET project participation participating in IETF work (v6ops) participate in NORDUnet IPv6 work as a coordinator.	yes		current	
France	RENATER	RENATER is leading WP6 in 6NET project. All RENATER routers are running dual-stack.	yes			IPv6 is not anymore a pilot but a fully operational/production service.
Germany	DFN	Yes, DFN supports a number of projects.				
Greece	GRNET	IST-6NETproject as well as IPv6 internal projects (universities)	yes	2001:0648::/35. It can be extended to /32	since 2001	in 2003
Ireland	HEAnet	no	yes	/ 40 for tunnel broker, 17 x /48	since Q4/2001	Q2/2003
Italy	GARR	The 6NET IST project and the national IPv6 pilot.	yes	A/32	existing	2004
Luxembourg	RESTENA	www.luxembourg.ipv6tf.org, www.ipv6.ac.uk/gtpv6	yes	2001:A18::/32	Q2 2003	Q1 2004
Netherlands	SURFnet	SURFnet participates in the European project 6NET. Furthermore, SURFnet offers native IPv6 as a service and SURFnet offers some IPv6 services as a pilot.	yes	After received the sub TLA from the RIPE NCC SURFnet created an IPv6 numbering plan, reserving parts of the received address space. In January 2003 we have assigned approximately 15/48s to customers.		2001
Norway	UNINETT	Participating in the 6NET project. Running parallel IPv4/6 on most of the core network	yes	/32	existing	2004/2005
Portugal	FCCN	We have a dual stack network and we are co-ordinating the Portuguese IPv6 TF	yes			Planning full support in all network access > 2Mb/s.
Spain	RedIRIS	Deployment of IPv6 in GÉANT, TF-NGN Ipv6 WG, Euro6IX, Promoting IPv6 in Espanix	yes	/32	Was done some time ago (6bone)	Q2, 2003
Sweden	SUNET	SUNET has an IPv6 pilot and supports native IPv6	yes	10/48	existing	When there is demand for it

Country	Organisation	IPv6 Involvement	TLA	Allocated?	Pilot	Production
Switzerland	SWITCH		yes	60*/48	existing	end 2003
United Kingdom	UKERNA	UKERNA is a partner in 6NET	yes	/32	Moving to dual stack IPv4/IPv6 by mid 2003	not yet planned
Bulgaria	IST Foundation	no	no		undecided	
Cyprus	CYNET		no		2004	no plans yet
Czech Republic	CESNET		yes	Prefix 2001:718::/32	mid 2003	2004
Estonia	EENet	EENet participates in IPv6-related activities providing IPv6 tunnels to its customers.	no		in operation	
Hungary	HUNGARNET	Participating in 6NET + GÉANT IPv6 activities + domestic IPv6 project	yes	/32	since 2002	2003/2004
Latvia	LATNET	no			2004	
Lithuania	LITNET		yes	/32	existing	existing
Poland	PSNC (POL34)	Yes, NREN users are participating in 6Net and 6WINIT projects.	yes	prefix/32	existing	2005
Romania	RoEduNet		yes	/32	2003	2004
Slovenia	ARNES				2003	2004
Turkey	ULAKBIM	Yes, Promoting to use IPv6 and testing new IPv6 related protocols.	yes	132 [2001:A98::]	April 2003	end 2003
Algeria	CERIST				2004/2005	
Azerbaijan	AzRENA	no				
Azerbaijan	(AzNET)	no	no		2004	2005
Belarus	NCIRT (BASNET)	Tested IPv6 campus network	no		Depends on connection to IPv4/IPv6 provider	no
Croatia	CARNet	Nationwide IPv6 testbed network has already been established, IPv6 roadmap will soon be published on http://ipv6.CARNet.hr .	yes	Allocation scheme is outlined in the IPv6 roadmap which will be available at http://ipv6.CARNet.hr	Q2 2003	Q4 2004
Georgia	GRENA	no	no			
Israel	IUCC	We have just started IPv6 and have applied to RIPE to be a LIR so we can acquire our own Ipv6 addresses			2003	2005/2006
Jordan	NIC		yes			
Moldova	RENAM	none			2004	2007
Morocco	MARWAN	Participating with RENATER	no		2004	
Palestine	GCC	not yet	no		late 2003	
Russian Federation	FREEnet	6REN member	yes	/35	existing	no planned date
Russian Federation	RIPN	We are supporting IPv6-IX Moscow	yes		existing	
Serbia & Montenegro	AMREJ	no	no		end 2003	
Ukraine	URAN	no				