

Introduction

Since the publication of the first edition of the Compendium, in 2001, it has grown into a sought-after and authoritative source of reference for all those who take an interest in the development of research and education networking. The information contained in the Compendium has continued to grow in variety and dependability, even though caution in interpreting the data remains essential.

The 2003 edition of the Compendium was funded by the European Commission through the COM-REN project, an Accompanying Measure in the IST Programme of the Fifth Framework Programme. Funding for the 2004 edition has not been secured, but TERENA was requested by its members to continue the service anyway. The 2003 edition led to comments from a number of sides. We would like to express our gratitude here to all those who provided feedback and critical comments.

The production of the 2004 edition was overseen by a the Review Panel composed of the following people: Lajos Bálint (Hungary), Marko Bonac (Slovenia), Peter Kaufmann (Germany), Urs Eppenberger (Switzerland), Sabine Jaume-Rajaonia (France) and Mike Norris (Ireland). This panel met once and participated in frequent e-mail exchanges. These people deserve a large part of the credit for the improvements in this edition of the Compendium.

This year, for the first time, a web-based interface was used, allowing NRENs to submit and update their information on-line. Collecting data of this type typically requires the involvement of a number of people from each NREN, as well as careful checking by NREN staff. The web interface has made it easier for NRENs to do this. Many

NRENs managed to submit their replies. As a result, this edition of the Compendium contains information from 53 NRENs in and around Europe.

The Compendium consists of two parts: the basic information as submitted by the individual NRENs

(available only on the Web at <http://www.terena.nl/compendium>) and a number of maps, tables and graphs that try to bring together and summarize the information from the NRENs (available on the Web and in printed form). Just as in previous years, a limited edition was produced first, for review by the TERENA members.

TERENA - Compendium 2004 - Funding & Staffing - Microsoft Internet Explorer

Address: <http://www.terena.nl/compendium/2004/finances.php?nrenID=21>

Trans-European Research and Education Networking Association

Compendium 2004 - Funding & Staffing

Organisation: HEAnet [Show] [Login]

Users / Clients Network Traffic Funding & Staffing Services Basic Information Organisational Information

The budget year is equal to the calendar year (x) Yes () No
The budget year runs from 01/01 to 31/12

Budget dedicated directly to NREN activities for 2003 (or 2003/2004) (in MEUR) 11.700
Budget dedicated directly to NREN activities for 2004 (or 2004/2005) (in MEUR) 11.300

Estimate of the sources of the NREN-related income (for 2004 or 2004/2005)

Source	Percentage of income
Users / Clients	32.00
National government / public bodies	62.00
The EU	6.00
Other sources	0.00

Budget includes subsidy for GEANT? (x) Yes () No

Method of charging clients
We charge a flat fee, based on bandwidth
Other:

Estimate of the main expenditure categories (for 2004 or 2004/2005)

Category	Percentage
Salaries and general office costs	11.00
Equipment (switches, routers etc.)	10.00
Transmission capacity (IRUs, leased lines, etc.)	72.00
Other	7.00

Number of staff engaged in NREN activities in Full-Time Equivalents (FTE) 24.000
Outsourced staff in FTE 0.000

Breakdown of staff engaged in NREN activities (in FTE)

	Directly employed by the organisation	Outsourced
Technical Staff	17.000	0.000
Administrative and financial staff	6.000	0.000
User support and training staff	1.000	0.000
Others	0.000	0.000

The Web version of the TERENA Compendium: HEAnet's page on Funding and Staffing

This publication contains a number of new elements. For example, the Compendium now has information about the use NRENs make of dark fibre (section 3.6) and about the percentage of institutions connected through IPv6 (section 4.5).

In a number of graphs, comparative information for earlier years has been provided.

In many of the graphs, information is presented in the same order of countries. First, the information from the EU and EFTA countries is listed together, then the information from other countries, in alphabetical order of the country name (in English).

No questions were asked this year about the different network levels. Those form the subject of the 'Focus Study on Funding, Management and Operation of European Research Networks' by Dr. John Martin and Baiba Kaskina, that was published by TERENA earlier this year, within the framework of the COM-REN project.

Many other improvements have been made, mainly to increase the readability of the graphs. For the future, still more work will be needed to improve data collection and presentation.

It is hoped that this fourth edition of the Compendium will prove to be at least as valuable as the previous ones. Feedback is again invited and will be key to the future development of the Compendium!

Bert van Pinxteren,
TERENA Chief Administrative Officer.

Throughout the Compendium, the following classification of countries is used;

EU (European Union) countries

Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden and United Kingdom

EFTA (European Free Trade Area) countries

Iceland, Norway, Switzerland

Other countries

Albania, Algeria, Azerbaijan, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Georgia, Iran, Israel, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Moldova, Morocco, Romania, Russian Federation, Serbia Montenegro, Turkey, Ukraine, Uzbekistan