Introducing

NameFLOW-Paradise

The European Directory Service

DANTE: The Company

- Not-for-profit, independent organisation

- Organising and managing services for European academic networks

- Services offered:

  - The Network: EuropaNET

  - Value-added services:

    - MailFLOW Pan-European Electronic mail coordination

    - NameFLOW-Paradise *The* International Directory Service

NameFLOW-Paradise today

- Collection of well-established national directory services
- Covering:
  - 39 countries world wide
  - 4739 organisations
  - over 2 million entries
- Self-supporting
- Steady growth (40%)
- For and by leading edge community

The History of the Directory

PARADISE pilot project

funded by COSINE

PARADISE continued

funded by VALUE

NameFLOW-Paradise

service offered by DANTE

1991 *1992* *1993* *1994* *1995*

NameFLOW-Paradise: Four service elements

- Operations
- Development
- Information
- Liaison

NP Service: Operations

- Central Directory System Agent (the "Root")
- User interfaces and central storage
- Informations servers (web, ftp, gopher)
- 24h Help Desk
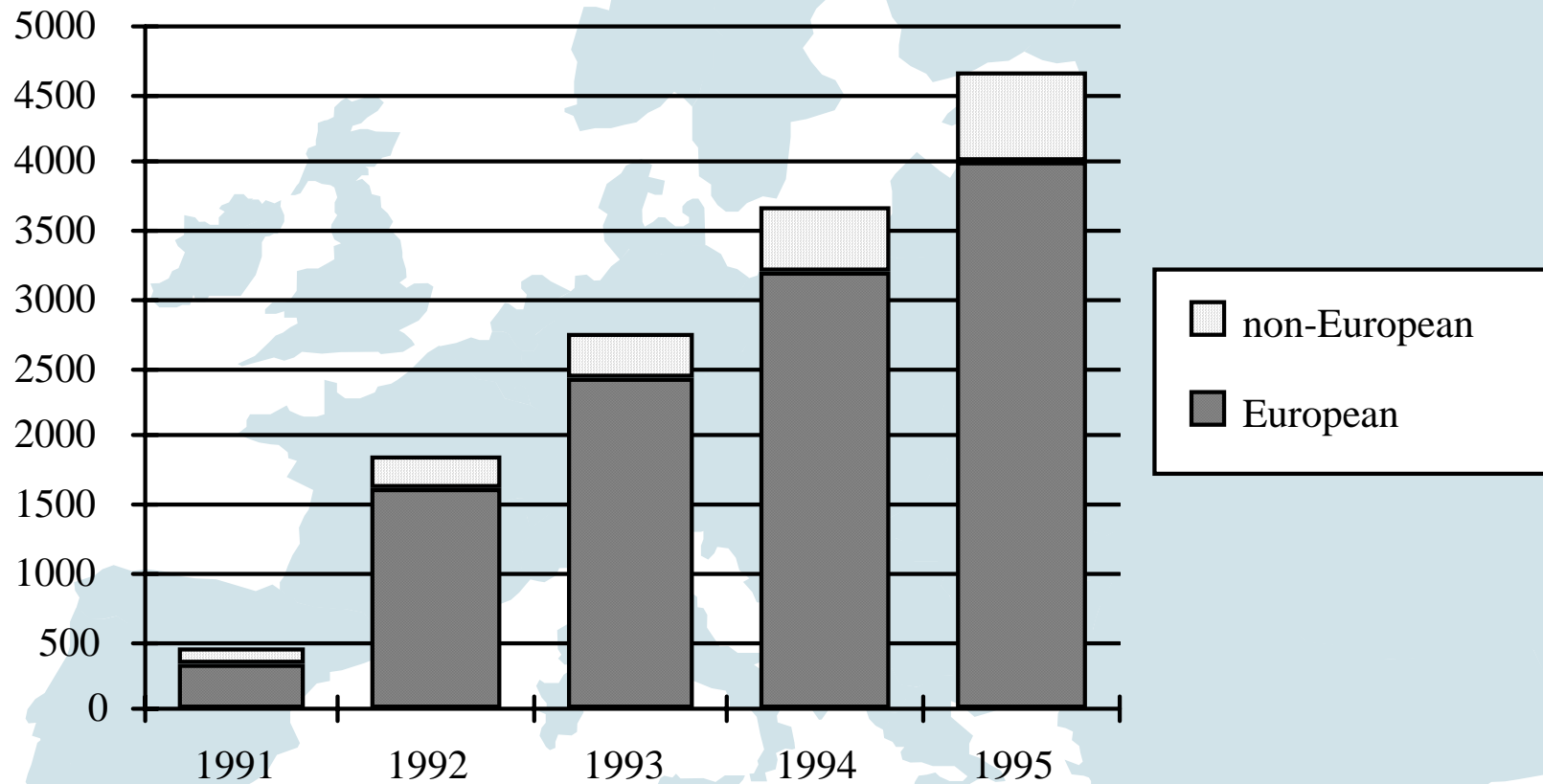- Forum for national Directory managers

NP Service: Information

- Run mailing lists
- Support new customers when joining the service
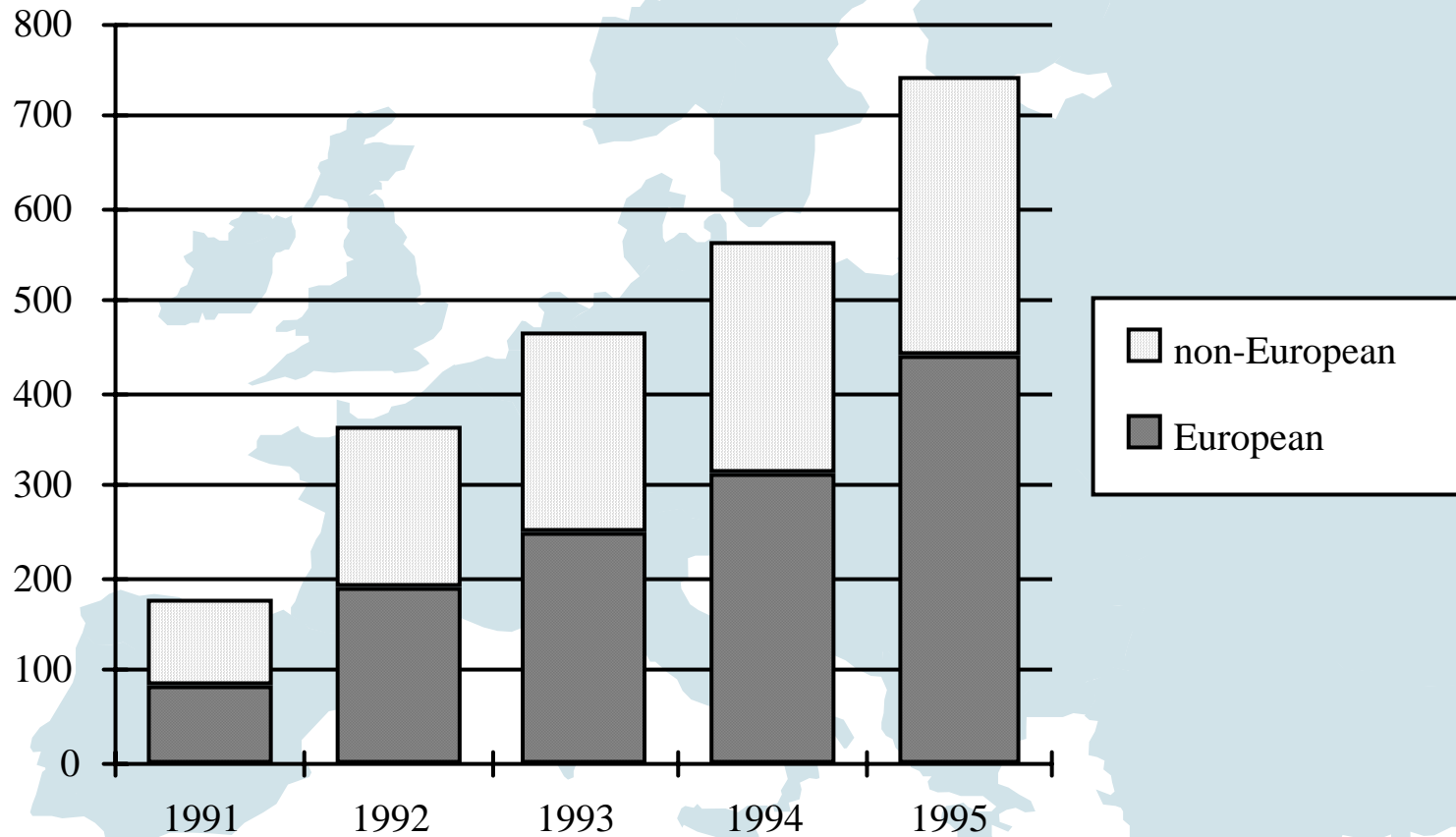- Publicity (Exhibitions, brochures, posters, papers)
- Service reports

NP Service: Liaisons

- IETF Working Groups

- EEMA's Directory Committee

- Others whenever appropriate
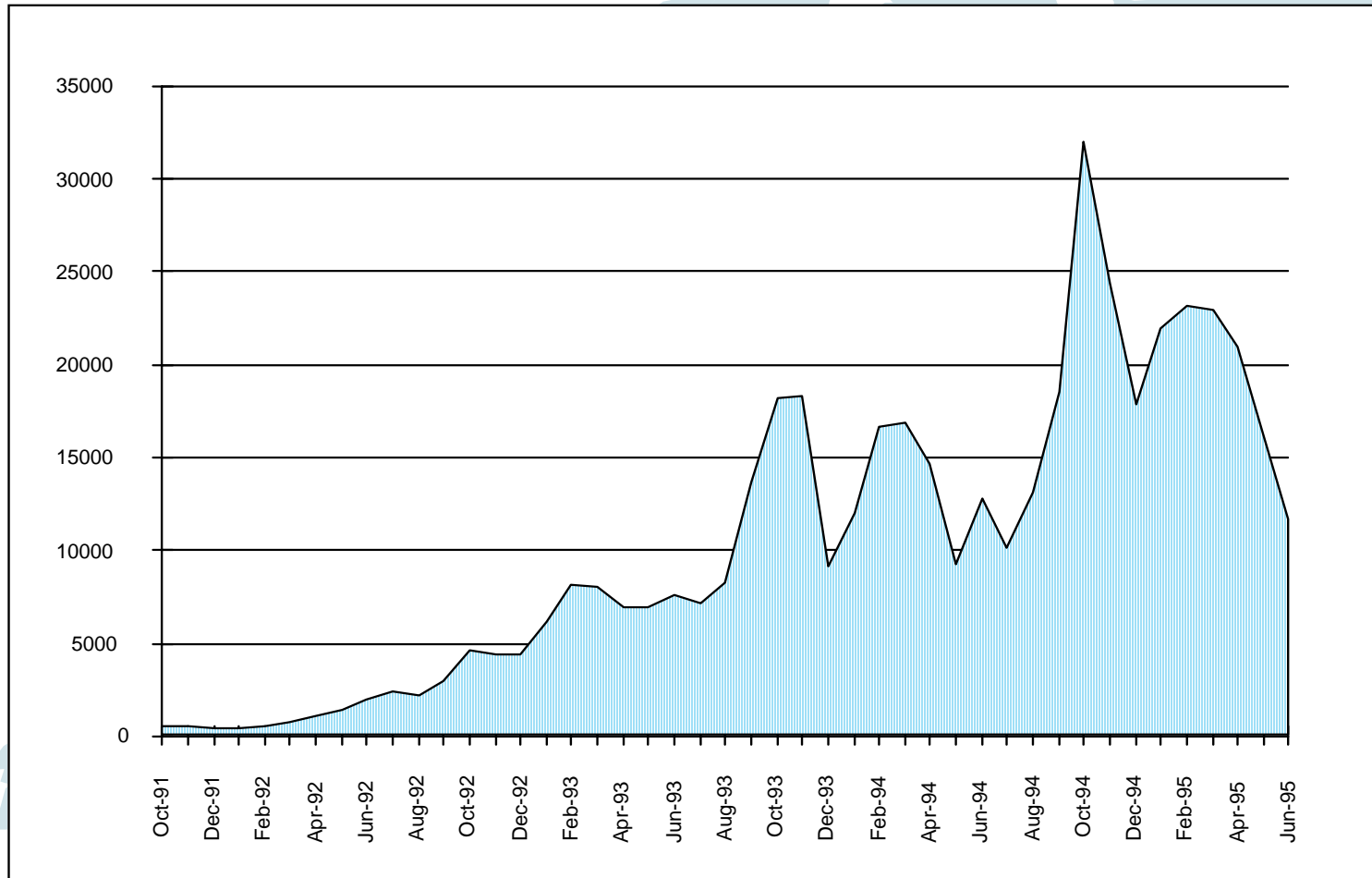(e.g. Eurosinet, NADF, EDF)

Number of Organisations, European and non-European

**Number of Directory System Agents (DSAs),
European and non-European**

Legend:
- non-European
- European

X-axis: 1991, 1992, 1993, 1994, 1995
Y-axis: 0, 100, 200, 300, 400, 500, 600, 700, 800

DANTE

Number of DE logins per month
Oct 91 - June 95

The Goals

- **Bigger**: more information
  - Commercial organisations
  - Small organisations

- **Better**: improve quality
  - A Service needs Service Level Agreements!
    - Coverage
    - Correctness
    - Response time

Current Developments

- Opening up for non-academics

- Tools to measure Quality of Service

- Deploying X.500(93)creating multi-vendor environment

- Indexing of Directories

The Future

- Opportunities:
  - structure for the web
  - security: storage keys & certificates

- X.500 is *not* a super database; use reference for large attributes

- Stay ahead of alternative directory services (e.g. whois++)

NameFLOW-Paradise is up and running!

- Come and join

- Start simple, then expand

- Data management is the key

- Directories are well worth the investment!

For more information:

Vincent Berkhout

DANTE - Cambridge -UK

Tel: +44 1223 302992

E-mail: V.Berkhout@dante.org.uk

World Wide Web

http://www.dante.net/nameflow.html

Mailing lists

<forum-request@nameflow.dante.net>

<managers-request@nameflow.dante.net>