



SEMIDE

<http://www.semide.org>



EMWIS

<http://www.emwis.org>

**Séminaire d'information et de formation
pour les responsables informatiques**

**Information and training seminar
for the IT managers**

Eric Mino

**Unité Technique du SEMIDE
EMWIS Technical Unit**





Speakers

- **Rosario Mazzola** (President of SOGESID)
- **Eric Mino** (EMWIS Technical Unit)
- **Alessandro Pishedda** (EMWIS Technical Unit)
- **Giulio Gentile** (CM Isitel)
- **Francesco Fedele** (CM Infoland)
- **Vincenzo Maiucci** (CM Isitel)



Logistic / Logistique



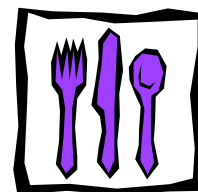
Working languages:
English, French and
Italian



We are here to reply to
ALL your questions



Breaks in the middle of
each session



Every day lunch at
12:30



Social event: Dinner on
Wednesday night



Please no cellular
phones



From the hotel (8:30)
To the hotel (18:00)



Perdiem for Med
Partner Countries



Objectives of the seminar

- **Technical review of EMWIS thematic directory**
- **Training JSP and JAVA beans**
- **Introducing XML for Internet architectures**
- **Presenting and validating the results of the study of alternative network solutions**
- **Discuss technical progress and possible implementation difficulties in each country**



Agenda (1/2)

| Monday | Tuesday | Wednesday | Thursday |
|---|---------|-----------|----------|
| ➤ EMWIS progress | | | |
| ➤ Technical architecture of the Thematic Directory | | | |
| ➤ Java 2 Platform Enterprise Edition | | | |
| ➤ Programming and installing details on the Thematic Directory | | | |



Agenda (2/2)

| Monday | Tuesday | Wednesday | Thursday |
|---|---------|-----------|----------|
| ➤ XML applications for Internet architectures | | | |
| ➤ Discussion on XML applications for EMWIS | | | |
| ➤ Alternative network solutions of EMWIS network | | | |
| ➤ Round table: <ul style="list-style-type: none"> ➤ Distributed operation of EMWIS Thematic directory ➤ NFP servers progress ➤ Support needed ➤ Evolution planned | | | |
| ➤ Conclusions | | | |



EMWIS work programme

(July 1999 - December 2002)

- 1. Set-up of the Technical Unit**
- 2. NFP organisation**
- 3. Organisation of the communication network**
- 4. Thematic directory**
- 5. Sustainability study**
- 6. Development of common access to available information**
- 7. Information and training seminars**



Set-up of the Technical Unit

- **Staff and services fully operational**
- **Technical documentation available online**
- **Promotional material: newsletters, posters, brochures, MS-PowerPoint and Flash presentations**
- **Hosting NFP websites when necessary**
- **Provision of services for the NFPs**
 - **Electronic forums**
 - **Mailing lists**
 - **Database for the thematic directory**
 - **Websites statistics**



NFP organisation

➤ **Current status:**

- **20 NFP nominated**
- **17 participating regularly to EMWIS activities**
- **11 national websites operational**

➤ **Work to be done:**

- **Estimating dates for launching new NFP websites and technical support required?**
- **Preparation of a starter kit for new comers (e.g. EU countries)**



Content of NFP websites

| | CY | DZ | ES | FR | GR | IT | JO | MA | MT | PT | TR |
|------------------------|----|----|----|----|----|----|----|----|----|----|----|
| Institutions | X | X | X | X | ? | X | X | X | X | X | X |
| Documentation | X | X | X | X | ? | X | | | | | |
| Training | | X | X | X | ? | X | X | X | X | X | X |
| R&D | X | | X | X | ? | X | | X | | X | X |
| Data management | | | X | X | ? | X | | X | | | |
| Legislation | X | X | X | X | ? | X | | X | X | | |



Organisation of the communication network

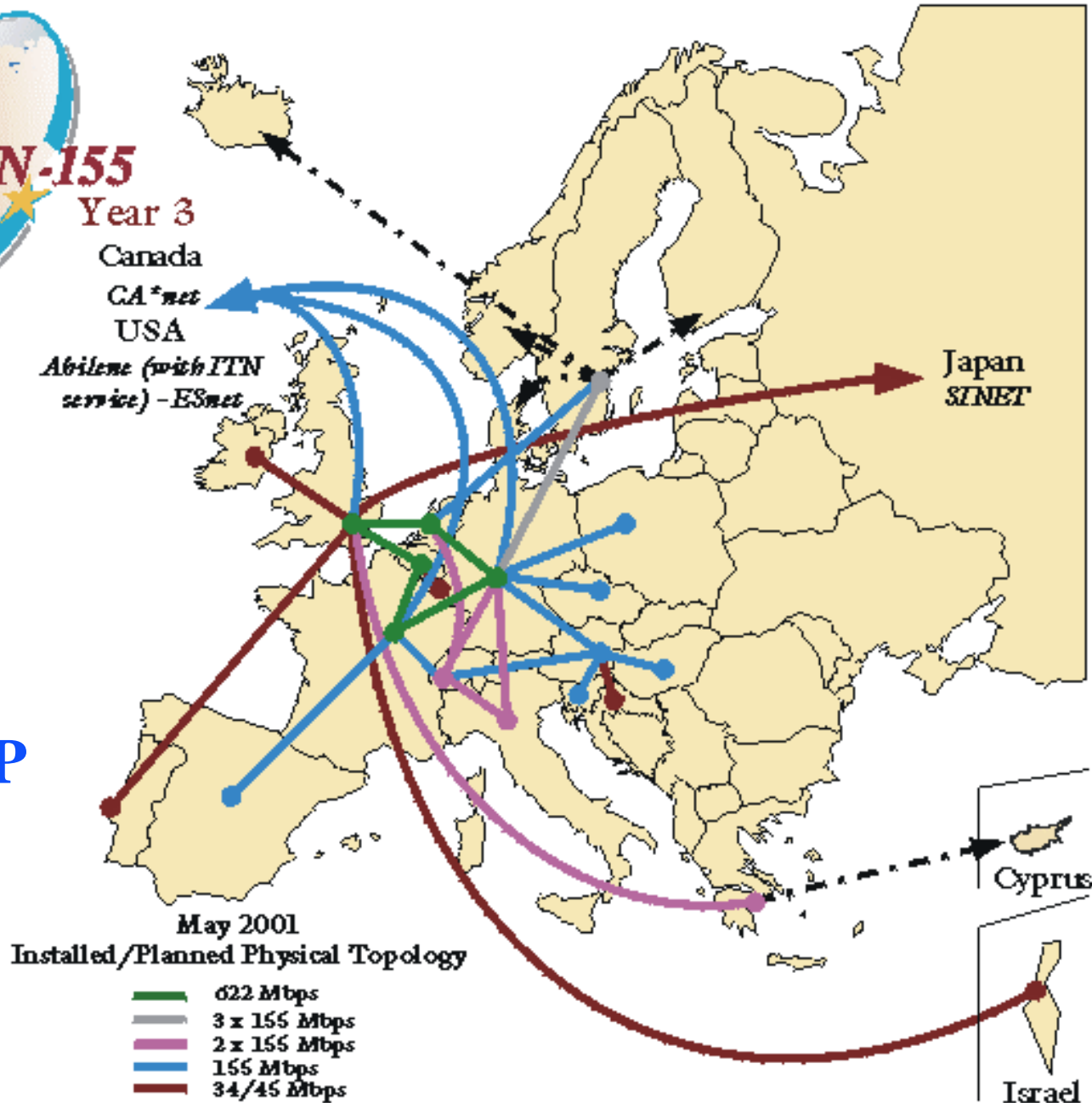
Domain names

- **54 domains registered by the Technical Unit:**
www.emwis-xx.org and www.semide-xx.org for each country
- **Domain names are pointing to:**
 - Existing NFP web sites (e.g. www.semide-jo.org)
 - Technical unite webpage of the country (e.g. www.semide-tn.org)



Upgrading Internet connections

- Average budget of 10000 Euro per NFP (MPC only)
- Implementation to be discussed
Thursday





EMWIS Thematic Directory

Who does what in the water sector in the Euro-Med countries

Distributed database managed by the NFP with a common model. It provides information on :

- **Organisations**
- **Information sources**
- **Contacts**
 - **Persons representing the organisations**
 - **Managers of information sources**
 - **Experts**



EMWIS Thematic Directory

Today content online

| | CY | DZ | ES | FR | LB | IT | JO | MA | TN | UT |
|----------------------|----|----|-----|-----|----|-----|----|----|----|------|
| Organisations | 4 | 3 | 402 | 383 | 35 | 95 | 26 | 13 | 26 | 1502 |
| Contacts | 1 | 3 | | 406 | 37 | 95 | 59 | 3 | 19 | 194 |
| Info Sources | 0 | 3 | | | 0 | 114 | 41 | 0 | 16 | 56 |

➤ NFP can update online their records

(password to be requested from the Technical Unit)

➤ Or send the T.U. Excel files for larger upload



Sustainability study

(Distributed during the seminar of Directors)

- **EMWIS offers good technical basis for further development**
- **Strong commitment from the Med countries**
- **EMWIS is a good channel for disseminating MEDA-Water information**
- **Public sector financing is necessary:**
 - **Rules of the public sector**
 - **Not yet enough developed to attract private funding**



Development of common access to available information

- **Study in progress to define multilingual tools and format**
- **Identified documentation databases available for EMWIS:**
 - **Hispagua documentation**
 - **EauDoc subset**
 - **WaterNet**
 - **ELMADOC.DZ**
- **Others to be identified**



Development of common access to available information

Technical terms of access

- **Two options:**
 - **Export of the relevant content for EMWIS use**
 - **Interface of the EMWIS national/international server with the database**
- **Critical points:**
 - **Periodic updates**
 - **Initial set-up**

Development of common access to available information



Legal terms of access

A contractual agreement is usually necessary between the information editor (EMWIS focal point) and the producer

- **Copyright and national legislation**
- **Updating and quality management**
- **Type of use (e.g. non commercial)**
- **Confidentiality, data protection**



NFP meetings (1999-2001)

- **2 coordination committee meetings**
 - Sophia Antipolis, Dec'99
 - Madrid, Nov'01
- **4 training seminars**
 - IT, Roma, May'00
 - Content, Madrid, June'00
 - IT, Sophia Antipolis, April'01
 - IT, Roma, June'02
- **1 on-demand training, Dec'01 (Palestine)**
- **12 technical visits**



Other meetings

➤ **Steering Committee meetings**

- **Sophia Antipolis, Dec'99**
- **Amman, Oct'00**
- **Cyprus, July'01**

➤ **Promotional Seminars**

- **Algiers, July'01**
- **Madrid, Nov'01**



NFP meetings (2002)

- **1 training seminar**
 - Content management, 23-26 Sept'02
- **1 coordination committee meeting**
 - Sophia Antipolis, 18-20 Nov'02
- **3 promotional seminars**
 - Tunis, Oct'02
 - Amman, Oct'02
 - Rabbat, Dec'02
- **Technical visits**
 - To be agreed



Next EMWIS Phase (2003-2005)

- 1. Co-ordination with political structures**
- 2. Reinforcement of the NFP**
- 3. Directing and operating information services**
- 4. Expansion and development of services**
- 5. Fostering the promotion of the system**
- 6. Development of topical activities**
- 7. Development of the MEDA-water activities**
- 8. Liaison with international initiatives**