What a European co-ordinator expects from his partners

Bruno Le Dantec

European **R**esearch **C**onsortium for **I**nformatics and **M**athematics
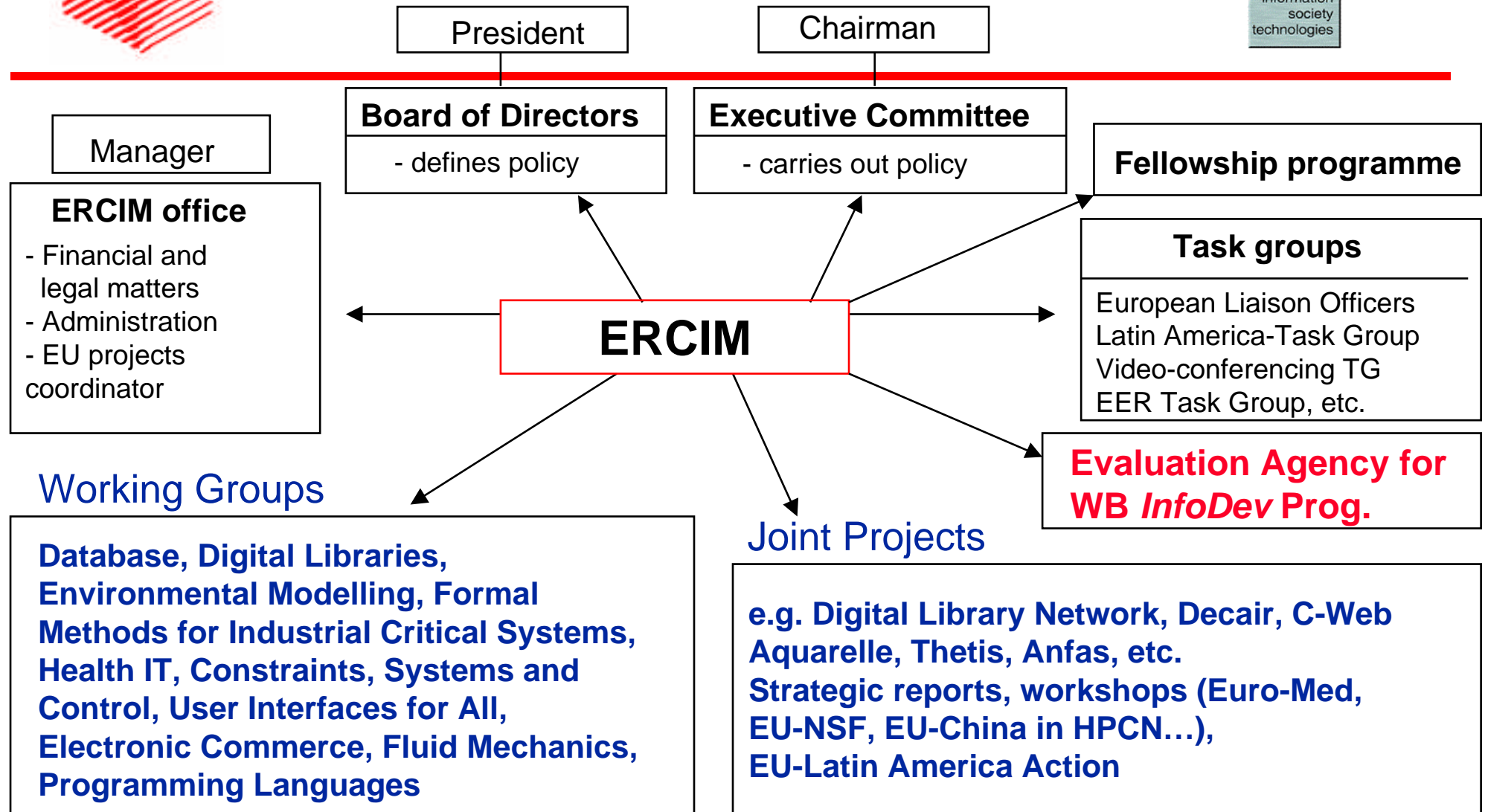
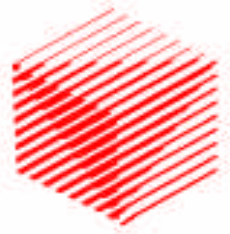# ERCIM Members

Member	Country	Size	Member since
INRIA	France	2100	1989 (founder)
GMD	Germany	1250	1989 (founder)
CNR	Italy	800*	1991
SARIT	Switzerland	800*	1994
SICS	Sweden	350	1992
SINTEF	Norway	350	1992
SZTAKI	Hungary	350	1994
CLRC	United Kingdom	290	1990
CRCIM	Czech Republic	250*	1996
CWI	The Netherlands	210	1989 (founder)
VTT	Finland	200	1993
SRCIM	Slovakia	180*	1998
FORTH	Greece	160	1992
DANIT	Denmark	80*	1996
Total		**7265**	

Staff in areas relevant to ERCIM
*Estimation

ERCIM activities

President

Chairman

Board of Directors

- defines policy

Executive Committee

- carries out policy

Manager

ERCIM office

- Financial and
  legal matters
- Administration
- EU projects
  coordinator

Fellowship programme

Task groups

European Liaison Officers
Latin America-Task Group
Video-conferencing TG
EER Task Group, etc.

ERCIM

**Evaluation Agency for
WB *InfoDev* Prog.**

Working Groups

**Database, Digital Libraries,
Environmental Modelling, Formal
Methods for Industrial Critical Systems,
Health IT, Constraints, Systems and
Control, User Interfaces for All,
Electronic Commerce, Fluid Mechanics,
Programming Languages**

Joint Projects

**e.g. Digital Library Network, Decair, C-Web
Aquarelle, Thetis, Anfas, etc.
Strategic reports, workshops (Euro-Med,
EU-NSF, EU-China in HPCN…),
EU-Latin America Action**

http://www.ercim.org

Why a proposal

- **Funding possibilities**

    - **50 or 100 % of the costs**

- **Interesting topics**

- **Participation in research networks**

- **Place to meet End-users**

- **Strong dissemination tool**

- ...

Prepare a proposal

- **Documents -** http://www.cordis.lu/ist/

  - **Work Programme** (updated version)

    WP2000 is focussed on the challenges of realising the vision from its various perspectives including technology and applications as well as policy issues.The priorities for 2000 are: ...

  - **Call text -** Official Journal of the European Communities

    Call for proposals for indirect RTD actions under the specific programme for research, technological development and demonstration on a user-friendly information society (1998 to 2002) ...

  - **Guide for proposers**

    Part 1, common for all the calls, outlines the main rules, which define whom, may participate in the Fifth F P, and the general conditions for this participation.

    Part 2, specific for each of the calls and for the different parts of the calls.

  - **Evaluation manual**

Prepare a proposal

- **Form of the proposal - 3 parts**

  - **Part A**
    - legal and administrative information
    - summary of the funding requested
  - **Part B**
    - anonymous
    - objectives, scientific background to the project,
    - work to be carried out
  - **Part C**
    - European added value
    - contribution to social policies
    - consortium description
    - management of the project
    - dissemination and exploitation plans

Prepare a proposal

- **Who can participate ?**
  - Normally
    - at least 2 EU partners or 1 EU + 1 Associated State

  - Self financing - conform with Community interests
    - Non-associated European and Mediterranean partner countries
    - Countries with S&T agreement (US, Canada, Argentina)
    - International organisations

  - Intermediate category
    - Countries having signed a MOU (Brasil)

  - Self financing - conform with Community interest & substantial added value for programme
    - other countries

Prepare a GOOD proposal

- **What is a European project supported by the EC**

  - Corresponds to an action line
    - Artificially adapted to an action line

  - Innovative topic
    - Lack of technological innovation, aims too general

  - Strong partnership
    - Consortium not balanced

  - Motivated end users
    - No exploitation or/and dissemination plan

  - Good management structure
    - Management structure too vague

  - First IST call : 2494 proposals, 536 retained for negotiation ...

Evaluation

- **Individual evaluation by at least 3 experts**
  - *Scientific/Technological Quality and Innovation*
  - Community added value and contribution to EU policies
  - Contribution to Community social objectives
  - Economic development and S&T prospects
  - Resources, Partnership and management
- **Consensus between 3 experts on draft summary**
- **Discussion in panel for ranking and final overall mark to proposals**
- **Final ranking and recommendations**

Negociation

- **Congratulation** - The proposal has been accepted BUT

  - Clarifications are requested

    - On the work

    - On the exploitation plan

    - On the participants

  - The budget is reduced by 10 to 40%

    - Modified the work

    - Objectives less ambitious

    - Reduce the number of work packages

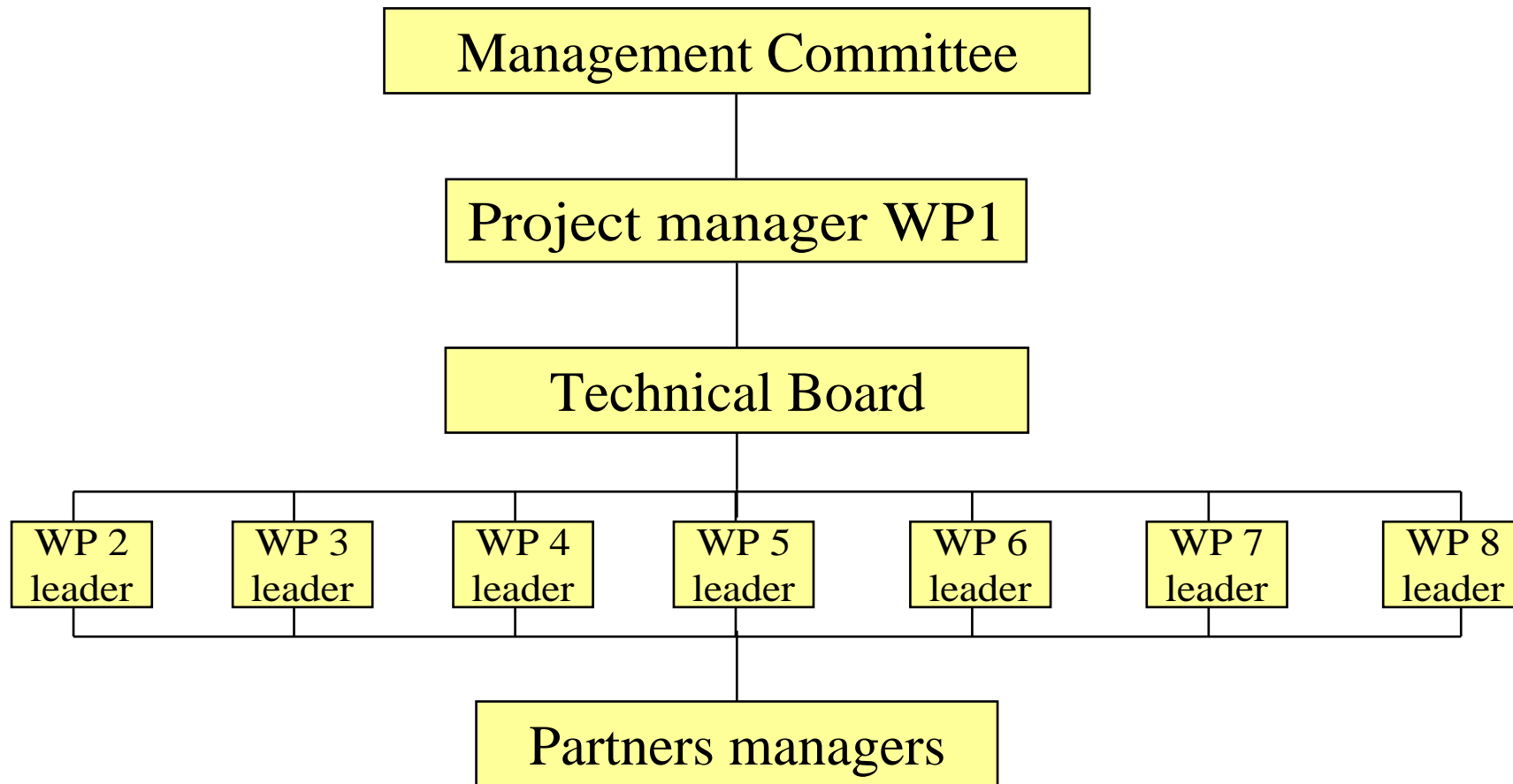   - Less partners

The consortium

- **Partnership**

  - Coordinator (contractor)
    - signs contract; liaison to Programme

  - Principal Contractor
    - signs contract - jointly and severally liable

  - Assistant Contractor (in R&D + demo)
    - signs contract - restricted liability and rights

  - Member (in Thematic Network, Acc. Measure only)
    - signs membership agreement with Coordinator - in networks and Take-up measures

  - Subcontractor
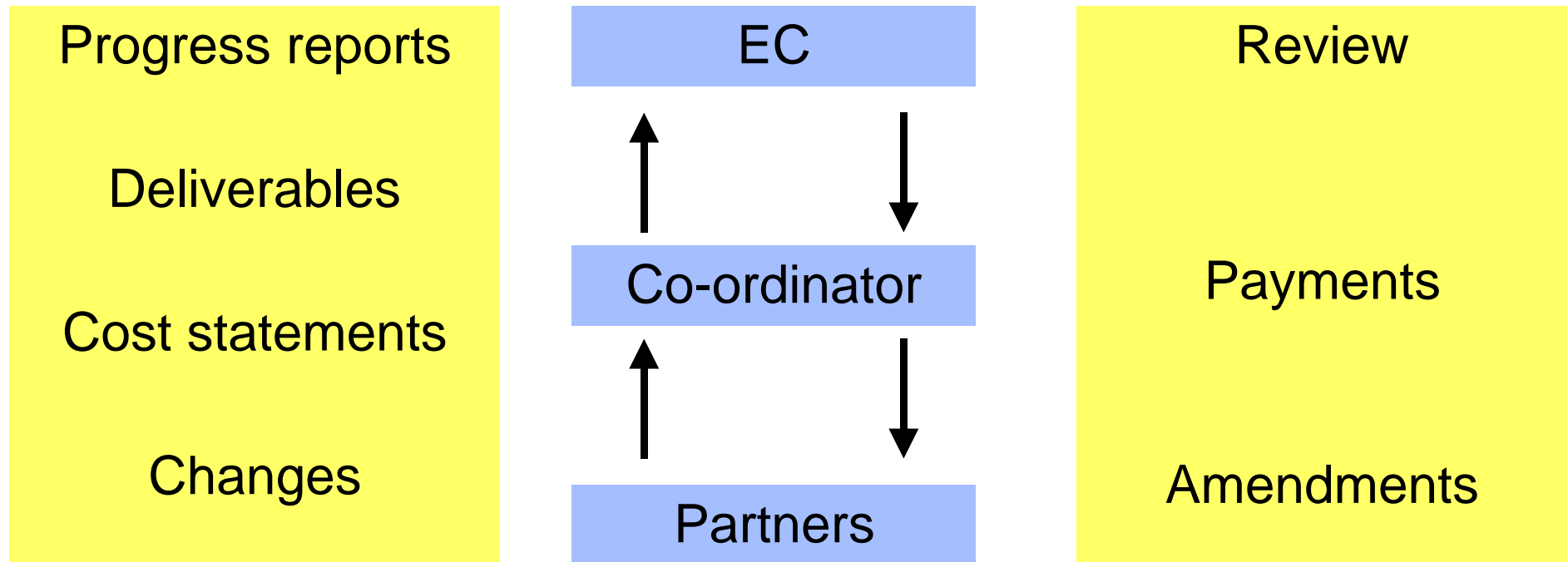   - Rights to contractor - competitive prices

Possible Working Flow

```
                   ┌─────────────────────────────┐
                   │   Management Committee       │
                   └──────────────┬──────────────┘
                                  │
                   ┌──────────────┴──────────────┐
                   │   Project manager WP1        │
                   └──────────────┬──────────────┘
                                  │
                   ┌──────────────┴──────────────┐
                   │   Technical Board            │
                   └──────────────┬──────────────┘
```

| WP 2 leader | WP 3 leader | WP 4 leader | WP 5 leader | WP 6 leader | WP 7 leader | WP 8 leader |

Partners managers

EC rules

Progress reports	EC		Review
Deliverables	↑ ↓		
Cost statements	Co-ordinator		Payments
	↑ ↓		
Changes	Partners		Amendments

http://www.cordis.lu/fp5/mod-cont.htm

Co-ordinator 's role

- **Co-ordinates the work, especially the interaction between workpackages**

- **Controls the work, project objectives are achieved**

- **Resolves conflicts between partners**

- **Intermediary between the contractors and the Commission**

- **Manages/distributes project funds**

Kick off meeting

- Organised by the Co-ordinator

- All partners participate

- Confirm goals and milestones

- Agree management and administrative processes

- Agree technical and quality standards

- Develop common view

Communication

- **Communication flow**

  - Common format to exchange documents : Word and pdf ?
  - E-mail
  - Web site
    - Public pages
    - Restricted pages
  - Staff and students exchange
  - Collaborative tools

  - Phone and fax are not forbidden :-)

Reports

- **Status report** (every 3 months)
  - At the work package level

- **Project Progress Report** (every 6 months)
  - At the partner level

- **Deliverable**
    - Scientific report
    - Prototype
    - Study
  - Consensual deliverable
  - Strong deadline

- **Costs statement** (every 6 months)

- **Final report**

Financial Contribution

- **Not a subvention, all costs have to be justified**

  Manpower, Durable Equipment, Consumables, Computing
  IPR Protection, Subcontracting, Travel ans subsistence
  Other specific costs, Overhead, Co-ordination costs

- **Supporting documentation have to be available for audit**

- *Contractors that do not benefit from a financial contribution from the Community are required to submit only a description of the efforts deployed and the resources used in order to carry out the project.*

Review and dissemination

- **By annual review**

  - Assess the work of the project against its contractual obligations
  - Results : Continue, Modify, Red flag

- **Publications, conferences, workshops**

- **Concertation meetings**

  - Co-operation with other projects
  - Financed from the contractual budget

IPR

Pre-existing know-how

- Necessary to carry out the project

- Acquirred before or in parallel with the project

- Property of the partner that brings the know-how to the consortium

Knowledge

- Results, information and rights, obtained under the project

- Acquirred from the project

- Property of the partner that has generated the knowledge

Acces rights

- Royalty-free basis, favourable conditions, market conditions

- Non exclusive basis

http://www.cordis.lu/ipr-helpdesk/

C-Web

A Generic Platform supporting Community-Webs

Community-Webs - generic platform - knowledge building and exchange

distributed community - information filtering - XML - XSL - RDF

- The C-WEB project aims at designing a generic platform based on open standards and distributed as open source, and the related methodology and know-how, to support community-webs. It also aims at validating both the software platform and the methodology through experiments carried-out with two different user communities. The project is planed on four years from 2000 to 2003.

- ERCIM, INRIA, FORTH, EDW International,

http://cweb.inria.fr

Anfas

datA fusioN for Flood Analysis and decision Support

Decision Support System - flood prevention and protection - data processing

- The ANFAS project aims at designing an Integrated Information Systems adapted to end-user requirements consisting of three sub-systems:

    - (a) A Geographic Information System (GIS)

    - (b) Tools for Scene Modelling from Images and

    - (c) A Flood Simulation Model.

- ERCIM, INRIA, Matra Systèmes & Information, BRGM, U. of Readings, FORTH, RAL
  Slovak Academy of Sciences, Institute of Informatics
- Chinese Academy of Sciences

http://www.ercim.org/ANFAS

DELOS

A Network of Excellence on Digital Libraries

- **Research forum: (i) thematic workshops, (ii) conferences on Digital Libraries, (iii) international research exchange programme**

- **Evaluation forum: (i) digital test suite (ii) cross-language system evaluation infrastructure**

- **Standardisation forum**

- **Training and technology transfer forum: (i) training, (ii) International Summer School**

- **International co-operation forum**

- ERCIM and 28 partners

http://www.iei.pi.cnr.it/DELOS/

DECAIR

Development of an Earth Observation Data Converter with Application to Air Quality Forecast

Atmospheric air quality - modelling - Earth observation demonstrator - application sites

- The aim of the DECAIR project is to provide companies in charge of forecasting urban air pollution with good quality data derived from Earth Observation (EO) devices, in order to improve the results of existing air quality models.

- ERCIM, GMD, INRIA, FORTH, UPC, RAL, BULL SA, SICE

http://www-air.inria.fr/decair/

NSF-EC Workshops

NSF-EC Understanding on Co-operation in Information Technologies

IT scientific community - key emerging areas - mutual interest
world-class series of workshops

- The aim of this project is to organize a series of strategic workshops to identify key research challenges and opportunities in Information Technologies. The focus is on emerging key areas of mutual interest on which a world-class series of workshops would be relevant. One outcome of each workshop should be recommendations for future joint EU-US activities in the domain covered by the workshop.

- ERCIM
- NSF

http://www.ercim.org/EU-NSF/

4 April 2000 - Info Day on IST

ESIMEAU

Information Technologies for water resources management and modelling in semi-arid areas

Integrated system - Web - GIS - DBMS - Numerical modelling - Water resources - Eutrophication - semi-arid areas

- The main objective of ESIMEAU is to build an infrastructure of an integrated system to be used as a single decision support system for the management of water related issues. Its open work platform will embody numerical models and simulators operating on spatial geographic databases, as well as data acquisition and data management tools.

- ERCIM, INRIA, FORTH, IRD, RIKS,
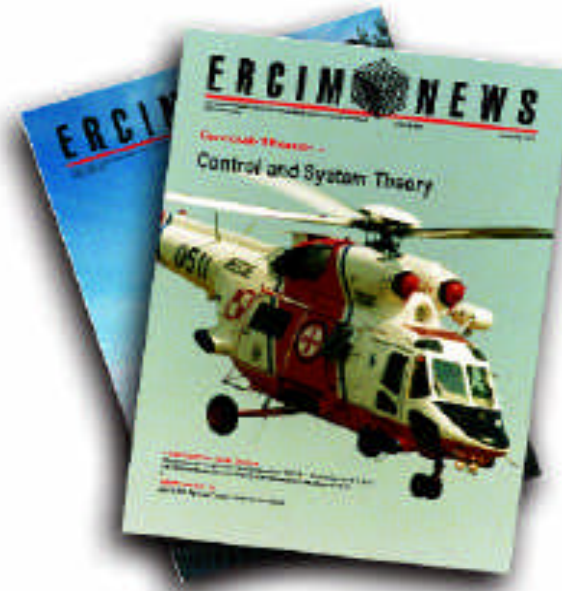- ENP, ESI, EMI, ONEP, CITET

http://www-esimeau.inria.fr

For further information

ERCIM Website
http://www.ercim.org/

ERCIM News
quarterly magazine (free subscription)

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