OL-KWM 2005
International Symposium on
Organizational Learning and Knowledge Work Management
October 13, 2005, Bucharest, Romania

The place of OLKWM in FP6 and FP7

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National Authority for Scientific Research

IST

Knowledge and Interface Technologies

IST-FP6 Budget Eur 3,984 m

Communication Computing Software

Future and Emerging Technologies

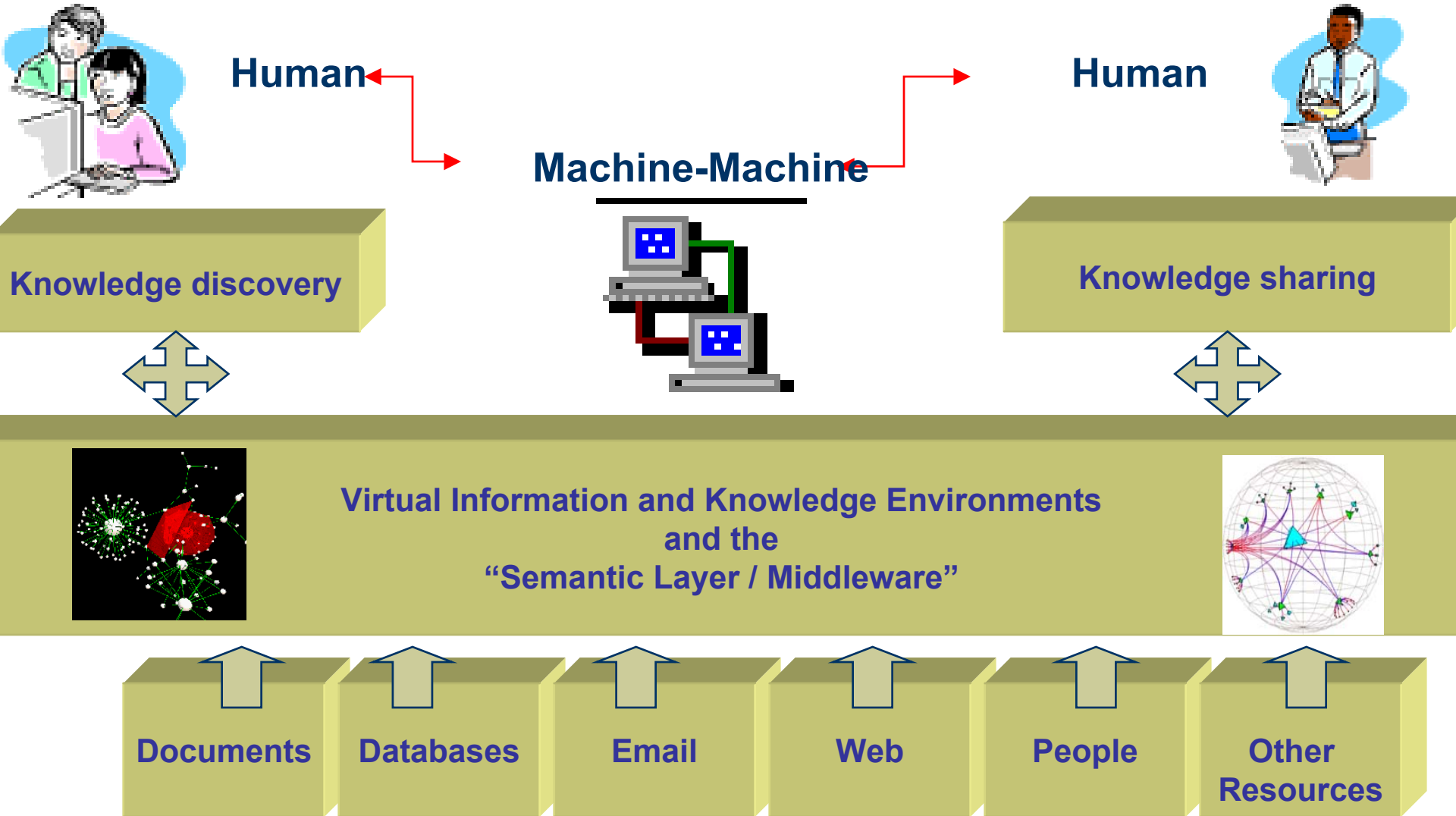**Components Microsystems**

Technologies for major economic and societal challenges

www.cordis.lu/ist/fp6/fp6.htm

KWM - Socio-economic objectives in FP6

- improve impact of KT on business & organisations
  - innovation, productivity & creativity
  - better exploitation of resources, tacit vs. explicit knowledge
- improved methods & skills
  - automating knowledge flows
  - more collaborative processes, networked organisations & virtual knowledge communities

↑ intelligent services & applications

Semantic-enabled systems and services

Human

Human

Machine-Machine

Knowledge discovery

Knowledge sharing

**Virtual Information and Knowledge Environments
and the
"Semantic Layer / Middleware"**

Documents

Databases

Email

Web

People

Other Resources

Future calls in FP6

- ◆ Call 4.1
  - ■ Indicative budget: 52,5 mEUR
  - ■ Indicative closure date: 1st february 2006
  - ■ S.O.: *"Networked Audio Visual Systems and Home Platforms"*
  - ■ Instruments: IPs, NoEs

Future calls in FP6

- ◆ Call 6
  - ▪ Indicative budget: 140 mEUR
  - ▪ Indicative closure date: mid february 2006
  - S.O.:
    - Advanced Robotics
    - Tools for: Simulation, Visualisation, Interaction and Mixed Reality
    - Ambient Assisted Living for the Ageing Society
    - Advanced search technologies for digital audio-visual content
    - International cooperation

Financing ICT

- National level

- RTD FP

- CIP - Competitiveness and Innovation Framework Programme

- Structural Funds

- 12 CAs bringing together national programme managers in specific ICT RTD areas

- the development of a EUROPEAN ICT RTD portal providing access to information about national ICT RTD policies, programmes and activities (CISTRANA)

- studies to provide updated information and trends about public and private investments in ICT RTD

- study on the innovation in the ICT sector, including the role of SMEs

Framework Programme 7

COOPERATION									
Health	Food, agriculture and biotechnology	Information and communication technologies	Nanosciences, Nanotechnologies, Materials and new	Energy	Environment and Climate Change	Transport	Socio-economic sciences and the humanities	Space and Security Research	IDEAS — European Research Council
PEOPLE – Marie Curie Actions									
CAPACITIES	Research Infrastructures								
	Research for and by SMEs								
	Regions of Knowledge								
	Research Potential								
	Science and Society								
	Activities of International Co-operation and Coherent Development of Research Policies.								
ACTIVITIES OF THE JOINT RESEARCH CENTRE									
EURATOM									

EURATOM
- Fusion Energy Research
- Nuclear Fission and Radiation Protection
- Nuclear Activities of the Joint Research Centre

FP 7 – ICT

estimative funding: 12.670 mEUR

Objective

- **The objective is to enable Europe to master and shape the future developments of Information and Communication Technologies (ICT) so that the demands of its society and economy are met. Community support will strengthen Europe's scientific and technology base in ICT. It will help drive and stimulate innovation through ICT use and ensure that ICT progress is rapidly transformed into benefits for Europe's citizens, businesses, industry and governments.**
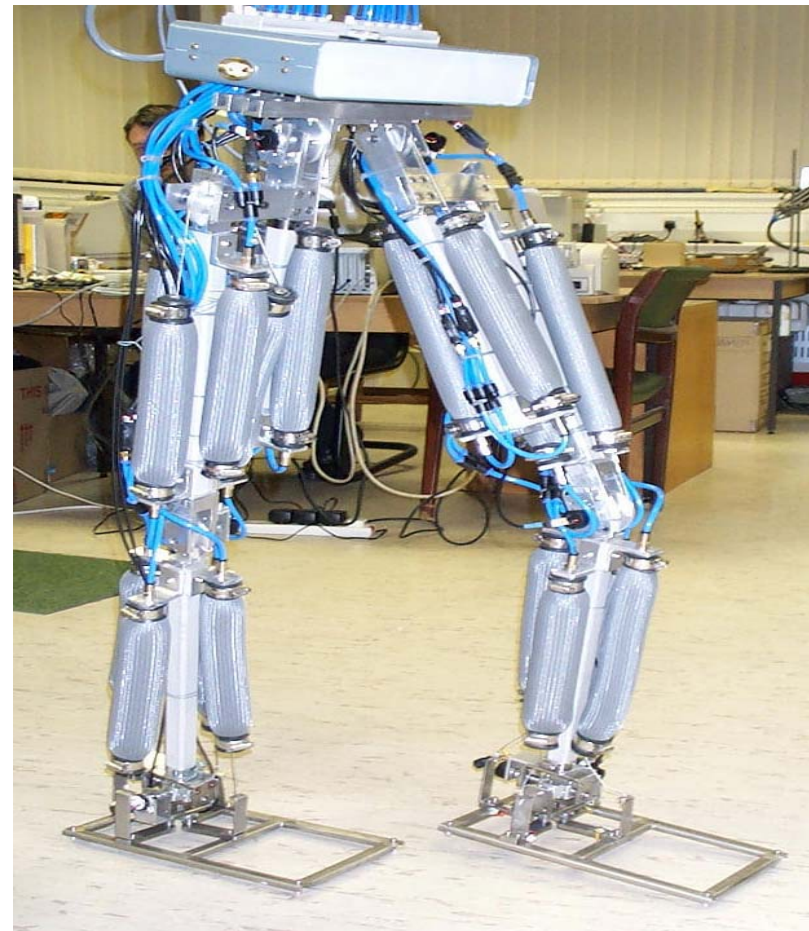
Activities

- ➤ **ICT Technology Pillars**
- ➤ **Integration of Technologies**
- ➤ **Application Research**
- ➤ **International cooperation**
- ➤ **Future and Emerging technologies**

Activities – ICT Technology Pillars

- *Nano-electronics, photonics and integrated micro/nano-systems*
- *Ubiquitous and unlimited capacity communication networks*
- *Embedded systems, computing and control*
- *Software, Grids, security and dependability*
- *Knowledge, learning and cognitive systems*
- *Simulation, visualisation, interaction and mixed realities:*

Activities -- Integration of Technologies

- Personal environments
- Home environments
- Robotic systems
- Intelligent infrastructures

Activities - Application Research

ICT meeting societal challenges	*health*
	inclusion
	mobility
	environment
	governments
ICT for content, creativity and personal development	*media and entertainment*
	learning
	culture
ICT supporting businesses and industry	*organisations and work*
	ICT for manufacturing.
ICT for trust and confidence	*To support the wider uptake of ICT and its applications*

Activities – International cooperation

International cooperation will be encouraged in the ICT theme to address issues of common interest aiming at interoperable solutions with strategic partners with high mutual benefits, and to contribute to the spread of the information society in emerging economies and developing countries. Specific actions will be identified for the countries or regions with which Europe needs to focus collaboration, with a particular emphasis on **cooperation with emerging economies** and **developing countries** and **neighbourhood countries.**

Activities –
Future and Emerging technologies

the activity will support radically new ideas, in the areas of components, systems and intelligence, up to their first proof of concept and will narrow down options that would lead to the industrial solutions of tomorrow

Get support

◆ IST NATIONAL CONTACT POINT ---

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◆ Newsgroup RO-IST-FP6 ---

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◆ European Commission's Infodesk

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