

## DESCRIPTION

EICSTES, European Indicators, Cyberspace and the Science – Technology - Economy System is a research project funded by the Fifth Framework Program of R&D of the European Commission.

The Cross Program Action CPA4 of the Information Society Technologies Programme (IST) is devoted to obtain indicators of the New Economy to be exploited by the European Statistical Office (EUROSTAT). Background for these policies are presented in the SINE (Statistical Indicators for the New Economy) and EPROS Reports and the eEurope Action Plan.

## A I M S

EICSTES (IST-1999-20350) intends to offer statistics and to obtain indicators on the European Indicators, Cyberspace & the Science – Technology - Economy System in Internet in order to find the relationships between the R&D sector and the actors of the New Economy, stressing the measurement and evaluation of the impact of the information technologies in society as a whole and on citizens and their quality of life.

The indicators will be shown in an open user-friendly graphical environment using new web visualisation techniques.

## PARTNERS



Scientific Information and Documentation Centre (CINDOC) of the Spanish National Research Council (CSIC)

[www.cindoc.csic.es](http://www.cindoc.csic.es)



ARC Seibersdorf Research GmbH (ARCS)

[www.arcs.ac.at](http://www.arcs.ac.at)  
[www.seibersdorf.at](http://www.seibersdorf.at)



Institute for Scientific and Technical Information (INIST) of the French National Center for Scientific Research (CNRS)

[www.inist.fr](http://www.inist.fr)



University of Patras

[www.upatras.gr](http://www.upatras.gr)



Department of Social Science Informatics (SWI) of the University of Amsterdam

[www.swi.psy.uva.nl](http://www.swi.psy.uva.nl)



Digital World Research Centre (DWRC) of the University of Surrey

[www.soc.surrey.ac.uk](http://www.soc.surrey.ac.uk)



Statistics Institute of Catalonia (IDESCAT)

[www.idescat.es](http://www.idescat.es)

# European Indicators, Cyberspace & the Science-Technology- Economy System

# eic stes

[www.eicstes.org](http://www.eicstes.org)

(IST-1999-20350)



# E X P E C T E D R E S U L T S

## EICSTES' Web Server



[www.eicstes.org](http://www.eicstes.org)

## Physical Internet Statistics

Collection of structured physical Internet data and analyses of Internet traffic data, including workload measurements and Web catching Analysis and Report about the physical Internet

## Tools for monitoring Web users behaviour

Two different but complementary tools will be designed:

- MIRI@D
- A software prototype of the site analysis tool

## User behaviour & intermediaries role within society and the 'New Economy'

Their impact & development on the digital economy in Europe

## Directory of the European R&D Public System

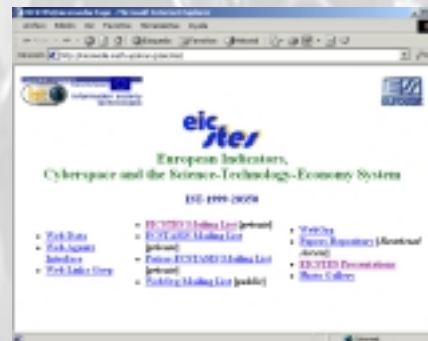
Identification of websites using human analysis description according 3 criteria:

- Institutional
- Thematic or sectorial
- Geographic (NUTS)



## Visualization

- Visualisation application test
- Implementing visualization tool



[nicomedia.math.upatras.gr/eicstes](http://nicomedia.math.upatras.gr/eicstes)

## Web Data Analysis

Access and visualisation of indicators will have some analytical tools for measuring, understanding and assessing the dynamics of the New Economy



## Web effects on institutions and geographical space

Mappings between real and web phenomena, to increase the understanding of web indicators using:

- "Triple-helix" case study
- Transborder co-operation
- Comparison of web and non web data of the new economy

## Network of Mirror Websites

- IDESCAT  
[www.idescat.es/eicstes](http://www.idescat.es/eicstes)
- INIST  
[eicstes.inist.fr](http://eicstes.inist.fr)
- SWI  
[www.swi.psy.uva.nl/projects/eicstes](http://www.swi.psy.uva.nl/projects/eicstes)
- UNIS  
[www.soc.surrey.ac.uk/EICSTES](http://www.soc.surrey.ac.uk/EICSTES)
- Upatras  
[nicomedia.math.upatras.gr/eicstes](http://nicomedia.math.upatras.gr/eicstes)