

of the United States and Japan, in four key areas: Human resources in R&D and the attractiveness of science and technology professions; public and private investment in R&D; scientific and technological productivity; and the impact of R&D on economic competitiveness and employment (<http://europa.eu.int/comm/research/area/benchmarking2001.pdf>)

Also of interest is the "European Innovation Scoreboard", the main statistical tool of the "European Trend Chart on Innovation". It was developed by the European Commission in 2001 and should be updated annually. The Innovation Scoreboard (<http://trendchart.cordis.lu/>) compiles a set of commented indicators under four categories: Human resources; Creation of new knowledge; Transmission and application of knowledge; and Innovation finance, outputs and markets. It allows relative strengths and weaknesses of the innovation performances of the EU Member States to be assessed and, for a limited number of indicators for which comparable statistical data is available, to contrast the performances of the European Union with those of the United States and Japan.

## A) The European Union's R&D Budget for 2002

The pending Sixth Framework Program (FP6) for Research, Technology Development and Demonstration Activities (RTD) sets out priorities for 2002-2006. An FP6 budget of 17.5 billion Euros has been approved, representing a 17% increase relative to FP5. The FP6 budget accounts for 4% of the EU's total budget. It also represents 5.4% of the overall public research expenditure in Europe.

The final allocation of funds within FP6 will be approved later in 2002, but will likely be close to the following earlier EU proposal.

### Potential FP6 Funding Allocations (proposal from Dec 10, 2001)

<b>1. Concentrating and integrating Community Research</b>	<b>13,285</b>
<b>1.1 Thematic Priorities</b>	<b>11,180</b>
1.1.1 Genomics and biotechnology for health	2,200
<i>Advanced genomics and its applications for health</i>	1,150
<i>Combating major diseases</i>	1,050
1.1.2 Information Society technologies	3,600*
1.1.3 Nanotechnologies, intelligent materials, and new production processes	1,300
1.1.4 Aeronautics and space	1,075
1.1.5 Food safety and health risks	685
1.1.6 Sustainable development	2,100
<i>Sustainable Energy Systems</i>	800
<i>Sustainable surface transport</i>	600
<i>Global change and ecosystems</i>	700
1.1.7 Citizens and Governance in an open European knowledge-based society	225
<b>1.2 Specific activities covering a wider field of research</b>	<b>1,320</b>
<i>Anticipating the EU's scientific and technological needs</i>	570
<i>Specific research activities for SMEs</i>	450
<i>Specific international cooperation activities</i>	300
<i>Joint Research Centre activities (a distinct research program)</i>	760
<b>2. Structuring the European Research Area</b>	<b>2,655</b>
<i>Research and innovation</i>	300
<i>Human resources and mobility</i>	1,630