

**MARCH 8, 2002 *RECOMMENDATIONS*
BY THE STRATEGIC ADVISORY BOARD
ON INFORMATION TECHNOLOGIES**

ON:

- BROADBAND NETWORK AND SERVICE ACCESS

- CONTENTS AND USES

- TRAINING

- RESEARCH AND DEVELOPMENT

Opinion published March 19, 2002

**MARCH 8, 2002, RECOMMENDATION
ON BROADBAND NETWORK AND SERVICE ACCESS**

The Strategic Advisory Board on Information Technologies (CSTI, *Conseil Stratégique des Technologies de l'Information*),

In view of decree no. 2000-1080 of November 7, 2000 pertaining to the creation of a strategic advisory board on information technologies,

In view of the question submitted for consideration on July 10, 2001,

Recommends:

- A bold, proactive government policy to promote the widespread access to broadband services and networks in France; a policy which would specifically include:

- * Facilitating the market conditions in areas where the expected profitability of broadband access services warrants the presence of several operators, specifically through a temporary drop of unbundling prices under cost, defined on multiyear basis

- * Covering geographic areas (defined by market consultation) where no operator has any economic interest in offering broadband access. Coverage could be ensured through a public funding system, with an invitation to tender, rolled out in compliance with very clear guidelines defined at the national level

- * Developing tests for the economic validation of public/private partnerships in those areas where current technologies (cable, XDSL) cannot be deployed because of technical limitations;

- * A long-term government initiative promoting the deployment of 'high' broadband services

- The implementation of the findings in the report drawn up by the 'Infrastructures and Networks' working group, appended to this recommendation.

Paris, March 8, 2002

By the Secretary General:

DIDIER LOMBARD

**MARCH 8, 2002, RECOMMENDATION
ON CONTENTS AND USES**

The Strategic Advisory Board on Information Technologies,
In view of decree no. 2000-1080 of November 7, 2000 pertaining to the creation of a Strategic
Advisory Board on Information Technologies

Recommends:

- Facilitating the broadcast of audiovisual works on the Internet by implementing the following measures:
 - * Consider the transfer of Internet broadcasting rights as established, given that the royalties were ceded
 - * Broadcast cinematographic works within the same time-slot as pay-per-view
 - * Extend the existing aid mechanisms to include the Internet
- Digitising the documentary resources considered as the French heritage of knowledge, on open document and descriptions formats
- Granting administrative users, and said users only, the authorisation to retrieve users recorded electronic data that is shared among administrative offices
- The priority engineering of a common, recognised, secure, and widespread micro-payment system
- The creation, approval, and networking of the networks of 'uses' laboratories
- The deployment of incentive measures to prompt the SME to use information and communication technologies

- The implementation of the findings in the report drawn up by the 'Applications and Services' working group, appended to this recommendation.

Paris, March 8, 2002

By the Secretary General:

DIDIER LOMBARD

**MARCH 8, 2002, RECOMMENDATION
ON TRAINING AND EDUCATION**

The Strategic Advisory Board on Information Technologies,
In view of decree no. 2000-1080 of November 7, 2000 pertaining to the creation of a Strategic
Advisory Board on Information Technologies

Recommends:

- The set up of a national entity for forecasting and analysing the skills and expertise in information technologies. This independent entity should be indifferent to job-recruiter concerns and should focus on the jobs requiring associate degrees, or equivalent (i.e., 2 or 3 years of higher education)

- The broadband Internet networking of grammar schools, lower and upper secondary schools, and the doubling of public research efforts in the area of information technology education, the uses of information technologies for teaching purposes, and the appropriate pedagogical contents

- The mobilisation of all the available skills, such as untapped specialists or local companies in information technologies, within the framework of special contracts, for local support

- The implementation of the findings in the report by the 'Needs for Experts' working group, appended to this recommendation.

Paris, March 8, 2002

By the Secretary General:

DIDIER LOMBARD

Opinion published March 19, 2002

**MARCH 8, 2002 RECOMMENDATION
ON RESEARCH AND DEVELOPMENT**

The Strategic Advisory Board on Information Technologies,
In view of decree no. 2000-1080 of November 7, 2000 pertaining to the creation of a Strategic Advisory Board on Information Technologies,

Recommends:

- The increase of the national and European budget share allocated to the research and development of information and communication technologies; said budget should be granted as immediately available grants

- The set-up of a single structure reinforcing current networked research systems; said structure would be in charge of the effective monitoring and support to research and development, specifically through the following missions:
 - * Aid management in conditions compatible with the constraints of the beneficiaries

 - * Support to national research networks especially within the framework of far-reaching multiyear projects

 - * Definition of France's positions and its representation at European bodies, and development of France's influence in relevant international organisations

- The implementation of the findings in the report by the 'Research and Development' working group, appended to this recommendation.

Paris, March 8, 2002

By the Secretary General:

DIDIER LOMBARD