



WSIS-SI.ORG

**WSIS CIVIL SOCIETY WORKING GROUP on
SCIENTIFIC INFORMATION**



SUGGESTIONS related to OPEN ACCESS

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Version 3

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Suggestions are *in italic and highlighted*

Major Programme V

Communication and information

Major Programme V

33 C/5

Programme V.1

Medium-Term Strategy, paragraphs 165-168, 171-173, 176-177

05008

Major Programme V is built around two main areas: the first one (Programme V.1) "empowering people through access to information and knowledge with special emphasis on freedom of expression" is the principal priority to which it is proposed to

assign 74% of the amount of resources devoted to programme activities excluding cross-cutting themes projects (as compared to 69% in document 32 C/5 Approved as adjusted). It will seek to empower people so that they can access and contribute to information and knowledge flows. The emphasis placed on "freedom of expression" is a recognition of the fact that the issues of freedom of expression and of universal and affordable access to information and knowledge are interrelated. There cannot be access without freedom nor freedom without access. Programme V.1 will constitute the main platform for the implementation of the WSIS Declaration of Principles and Plan of Action. The second area, "promoting communication development and advancing the use of ICTs for education, science and culture" (Programme V.2) contains the two "other priorities". It aims principally at promoting media development by strengthening international cooperation and seeks to encourage the applications of ICTs in education, science and culture through the development and implementation of a range of concrete intersectoral actions in key priority areas.

Program V.2 Promoting communication development and ICTs for education, science and culture.

Strategic approaches ([page 209](#))

Jointly with Major Programme II, initiatives will be developed aimed at broadening access to scientific and technological information through media and ICTs. The main objective will be to facilitate access to and the publication of scientific and technology-related information sources by scientific, technical research and higher education communities and institutions. It shall also, in collaboration with Major Programme III, facilitate capacity-building of scientists through free and open source software tools, open S&T education resources, cooperation and networking. The strategy will involve promoting open access initiatives to make scientific information available and accessible,

Implementation approaches concerning Open Access will follow the practical guidelines that are included in the final document that has been approved at the WSIS thematic meeting [UNESCO between two phases of the World Summit on the Information Society](#) ± (17-19 May 2005, St. Petersburg, Russia).

The strategy will involve promoting science journalism, especially in developing countries. UNESCO will foster the development of competencies....

technology and engineering through media and other information channels

V.2.2 Advancing the use of ICTs in education, science and culture

Main line of action 2.

Broadening access to scientific and technological information through media and

ICTs

05222 (page 211)

Regular budget \$260,300

Extrabudgetary \$557,000

Total, Activities: \$817,300

Expected results at the end of the biennium

Access to scientific information sources such as *preprints*, publications, journals, *archives*, and open education resources (OER) increased.

Performance indicators:

agreements established with publishers on worldwide *Open* access to scientific information;

development of open-access resources networks supported and scope of their membership and a network of open-access resources.

online and off-line quality *freely available* resources available to scientists in developing countries.

ICT-based networking and knowledge-sharing among scientists strengthened *through innovative strategies*

Performance indicators:

online networks set up involving science communities;

provision and use of free/open source software by scientists.

Science journalism promoted through support to media training institutions.

Performance indicators:

training courses in science journalism;

production and use of model curricula for science journalism in training institutions;

media programmes/productions on science.

Major Programme V

33 C/5

UNESCO Knowledge Portal: building knowledge communities

05327

Regular budget Activities

33 C/5 Proposed

\$250,000

Objectives. UNESCO's role as a global knowledge broker is sustained through the Organization's efforts to further develop a knowledge portal based on the following principles: user oriented and interactive service, quality and pertinence of contents, a

platform for collecting, preserving, creating, mining, sharing and utilizing multilingual information, an exchange platform that links UNESCO constituencies and helps to build knowledge communities, a forum to express ideas, a collaborative learning and working tool for planning and implementing UNESCO's Programme, and a backbone for the implementation of UNESCO's communication strategy. The focus for this biennium will be on the development of knowledge communities. In this context, the portal will be used to bring together international and national experts and stakeholders to develop content, best practices, share tools, mobilize interested parties and suggest solutions and strategies to address critical issues in UNESCO's domains of competence, thus strengthening community empowerment and participation.

Expected results at the end of the biennium. Specific intersectoral knowledge communities developed (benchmark: at least 4); strategy and guidelines for knowledge communities developed, revised and shared; technical infrastructure and functional architecture of portal strengthened; involvement of users in portal enhanced. *The portal shall provide links to Free Software sites as well as Open Access Resources.*

Summary of intersectoral action and mainstreaming issues

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Summary of intersectoral action and mainstreaming activities

33 C/5

08105

Broadening access to scientific and technical information through media and ICT

Participating major programmes: II (including ICTP), III and V

This joint intersectoral action will aim (i) at facilitating access to and the publication of scientific and technical information sources, by scientific, technical research and higher education communities and institutions, as well as to facilitate capacity-building of scientists through free open-source software tools, open S&T education resources, cooperation and networking scientific and technical communities and institutions; and (ii) at promoting journalism on science and techniques to improve the quality of journalism production.

Expected results at the end of the biennium:

Access to scientific and technological information sources, such as publications, journals and other online material, and S&T open education resources (OER) increased. Level of collaboration, networking, knowledge-sharing and support among scientific communities increased.

Curricula on science journalism for Journalism Institutes, and curricula and training material on

"Science journalism for science graduates in universities" developed.
Agreements and partnerships established with information publishers, *specifically*
Open Access resources providers, and other S&T resource producers.