

UNITED NATIONS DEVELOPMENT PROGRAMME
Project of the ASEAN Governments of Brunei Darussalam, Indonesia,
Malaysia, the Philippines, Singapore, Thailand

PROJECT DOCUMENT

Number and Title: RAS/88/022/A/01/99 - Second ASEAN Science and
Technology Week (SASTW)

Duration: One Year

Project Site: Philippines

ACC/UNDP Sector & Subsector: 65/6510

Government Sector and Subsector: N/A

Government Implementing Agencies:
Appropriate agencies are
institutions of the participating
countries, represented through
the ASEAN Committee on Science and
Technology (COST)

UNDP and Cost-Sharing Financing

UNDP	
IPF	\$150,000
Other	\$ Nil
Govt. or third-party cost sharing	\$ Nil
UNDP & cost sharing	
Total:	<u>\$150,000</u>

Executing Agency: ASEAN Secretariat
(Government-Executed)

Estimated Starting Date: December 1988

Government Inputs:

In kind: Host country facilities provided by
the Government of the Philippines

In cash: P1.9 million

Co-financing: In cash - A\$250,000 (Australia)

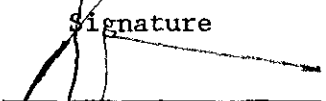
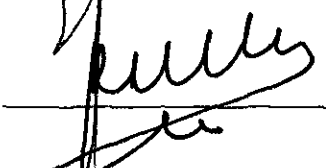
Brief Description:

The ASEAN Science and Technology Week is a triennial event organized under the auspices of the ASEAN Committee on Science and Technology. The First ASEAN Science and Technology Week was held in Malaysia in 1986.

The Second ASEAN Science and Technology Week (SASTW) will be held in Manila from 30 January to 4 February 1989. The SASTW will carry the theme "New and Emerging Technologies in ASEAN" and will cover the fields of biotechnology, microelectronics and computers, new energy sources, informatics and information systems, laser and plasma technology, superconductivity, optoelectronics, etc.

The main activities of the week-long celebration will be a science congress, an exhibition, a video teleconference and a youth science festival.

Through the SASTW, ASEAN aims to provide the thrust and direction to present and future S&T co-operation in the ASEAN region, particularly in the area of new and emerging technologies.

On behalf of:	Signature	Date	Name/Title
ASEAN Secretariat		<u>3/1/89</u>	Roderick Yong ASEAN Secretary General
United Nations Development Programme		<u>12/1/89</u>	Galal Magdi Resident Representative Indonesia

A. CONTEXT

1. Description of Subsector

The strategic role that science and technology play in economic development could be given more emphasis and recognition through science and technology (S&T) promotion activities.

The implementation of S&T promotion activities will help: (i) increase public awareness and understanding of science and technology; (ii) strengthen linkage and interaction among the public, private and academic sectors; and (iii) enhance regional and international co-operation in science and technology.

2. Plan or Strategy for Subsector

The ASEAN Science and Technology Week (ASTW) presents an excellent venue through which ASEAN capabilities in science and technology may be promoted not only on a regional but on a global basis.

The ASTW integrates various S&T promotional activities which encourage dissemination and exchange of information, technology transfer and commercialization of research results.

3. Prior or Ongoing Assistance

The First ASEAN Science and Technology Week (FASTW) was held in Malaysia on 24-30 April 1986 and carried the theme "Development of S&T for Advancement in ASEAN". The event had given ASEAN the opportunity to present an overview of S&T developments in the region.

The Conference was well-attended (400 participants) and the technical papers presented were significant and commendable. A number of private sector entities also participated in the exhibition.

Substantial support and participation was extended by ASEAN's dialogue partners to FASTW.

UNDP contributed US\$200,000 to the FASTW. APCTT contributed an additional US\$36,000.

4. Institutional Framework for Development Efforts in Subsectors

The ASEAN Committee on Science and Technology initiates S&T promotion activities on a regional basis.

B. PROJECT JUSTIFICATION

1. The Present Situation

Recent major scientific breakthroughs have brought about an emerging technological revolution in the so-called frontier or sunrise fields of science and technology. Recent advances in biotechnology, including genetic engineering, enzyme technology and fermentation have been phenomenal and have caused significant impacts on the world economy. The development of the technology for the production of corn fructose and its impact on the sugar industry is just one example. On the other hand, the application and use of fiber optics, which has virtually replaced copper in communication cables and thus, adversely affecting the copper industry, is among the many examples of technological developments in the field of materials science which have created significant impacts in the world economy. The rapid advances in the field of microelectronics have likewise virtually transformed modern society.

Industrialized and newly industrialized countries are already reaping benefits from these technological advancements. As one of the fastest developing regions, ASEAN cannot afford to be left behind in this technological race.

To keep abreast with progress and to prepare ASEAN for the outcome of this technological revolution, COST has given priority to co-operative programmes in new and emerging technologies specifically in the fields of biotechnology, microelectronics, materials science and technology and new energy sources.

In line with these new initiatives, the theme of the SASTW, which will focus on "New and Emerging Technologies in ASEAN" is considered timely and significant.

The SASTW presents ASEAN the opportunity to promote the development and application of new and emerging technologies in the region.

2. Expected End of the Project Situation

The SASTW is expected to help bring about a well co-ordinated ASEAN regional programme in new and emerging technologies which will provide that element of synergism that is essential if ASEAN is to keep pace with the rest of the industrialized world.

A strong ASEAN programme in new and emerging technologies will provide opportunities for solving a number of problems in health, industry, agriculture, etc.

3. Target Beneficiaries

Scientists, experts and personalities from the private, public and academic sectors involved in new and emerging technologies are expected to benefit from the SASTW in terms of new and updated ideas/knowledge/technologies which can be applied in their respective fields of concern.

4. Project Strategy and Institutional Arrangements

The SASTW will be held in the Philippines from 30 January to 4 February 1989 and will carry the theme "New and Emerging Technologies in ASEAN". The event aims to promote new and emerging technologies in the fields of biotechnology, microelectronics and computers, new energy sources, informatics and information systems, laser and plasma technology, superconductivity, optoelectronics, etc.

The main activities of the week-long celebration will be a science congress, an exhibition, a video teleconference and a youth science festival.

An ASEAN Executive Committee for the SASTW has been established to provide thrust and direction to envisioned SASTW activities. On the other hand, a Local Management and Steering Committee has been formed to undertake all arrangements for the SASTW.

5. Reasons for UNDP Assistance

Considering the magnitude of resources which need to be tapped and mobilized to make the SASTW possible, funding support from the ASEAN dialogue partners requires urgent attention and consideration.

UNDP support to the SASTW is in line with one of UNDP's priority programme areas, i.e., transfer and adaptation of technology and adaptation of appropriate technology.

UNDP support is expected to partially cover expenses for the eight technical sessions on new and emerging technologies.

6. Special Consideration

Youth and private sector participation in the SASTW are encouraged. Special activities involving the youth are being arranged. Private sector participation in the congress and the exhibition is invited.

7. Co-ordination Arrangement

Not applicable.

8. Counterpart Support Capacity

Local counterpart support for this activity in the amount of P1.9 million has been committed by the Office of the President of the Philippines.

C. DEVELOPMENT OBJECTIVES

The ASTW aims to promote and facilitate the attainment of the general objectives of ASEAN co-operation in science and technology, namely:

- a) To initiate and intensify regional co-operation in scientific and technical activities;
- b) To generate and promote development of scientific and technological expertise and manpower in the ASEAN region;
- c) To facilitate and accelerate the transfer of scientific developments and technologies among ASEAN countries and from the more advanced industrialized countries to the ASEAN region;
- d) To provide support and assistance in the application of the results of research and development and in the more effective use of natural resources in the ASEAN region; and
- e) To provide support towards the implementation of present and future ASEAN programmes.

D. IMMEDIATE OBJECTIVES, OUTPUTS AND ACTIVITIES

Immediate Objective

Specifically, the SASTW aims to assess the state of the art of new and emerging technologies and to identify gaps and possible areas of co-operation; to identify applications of new and emerging technologies in relevant fields; to encourage multisectoral and third country support for the further development of these new and emerging technologies.

Outputs

1. Exchange of knowledge and establishment of database on new and emerging technologies in ASEAN and dialogue countries which would be useful in determining the thrust and direction of future S&T co-operation.
2. Congress proceedings.

Immediate Objective

To provide a forum for the exchange of ideas among various S&T experts from the government, private and academic sectors.

Outputs

1. Establishment of a database on available S&T manpower resources specifically in the field of new and emerging technologies.
2. Closer linkages with interested public, private and academic sector entities on new and emerging technologies.

In pursuit of the above objectives and expected outputs, the following activities will be undertaken:

1. Science and Technology Congress

Recent developments in various areas of new and emerging technologies will be discussed by leading scientists and experts. Four eminent experts/nobel laureates will be invited to speak at plenary sessions. Various scientific papers to be presented in the technical sessions will highlight the state-of-the-art in the fields of biotechnology, microelectronics, materials science and technology, new energy sources, information technology, laser technology, superconductivity, optoelectronics and fiber optics, both in ASEAN and the rest of the world.

2. Teleconference

Through full motion vide-teleconferencing, experts will exchange information and views on major breakthroughs and prospects in the "Application of Biotechnology in Medicine". A Philippine panel will anchor the live discussion with experts stationed in different parts of the world.

3. Technology Expo '89

A wide array of technologies and innovations will be exhibited and demonstrated. The exposition will highlight the latest research results and the newest commercial products in the area of new and emerging technologies.

4. Youth Science Festival

To be featured in this festival is Australia's Sci-Tech Exhibit, a special participatory hands-on science exhibition.

A Regional Talent Search for Young Scientists will also be held. The talent search aims to encourage young persons of proven and persistent performance in research and development in the ASEAN region.

5. Special Short Courses

Short training seminars will be conducted by prominent scientists and technologists. The participants and other interested parties will be afforded the rare opportunity of learning first-hand and interacting closely with recognized authorities and experts in their fields of interest.

6. Field Trips

Trips to major research institutions and industrial firms involved in new and emerging technologies will be organized. The visits will highlight ongoing researches and applications of new technologies.

E. INPUTS

1. ASEAN Inputs

While there are no direct cash contributions required from the ASEAN member governments, they are expected to make available the following inputs:

- a. Spearhead preparation and arrangements for the SASTW activities, e.g., programme preparation, invitation of participants, physical arrangements, publicity and promotion, etc.
- b. Provision of local staff and available facilities, equipment and services.
- c. Sending of expert scientists/technologists and S&T policymakers to present paper at the congress. Additional participants are also being invited.
- d. Setting up of individual country booths during the exhibition.

2. Participation of ASEAN Dialogue Partners

Dialogue partners are invited to send prominent experts, scientists, technologists and S&T policymakers to present papers during the congress and to participate in other activities of the SASTW. In addition, the dialogue partners' public and private sectors will be invited to put up their booths for the exhibition.

ASEAN has requested dialogue partners to contribute at least US\$100,000 each to the SASTW.

3. UNDP Inputs

- a. Airfare and per diem for 90 participants and speakers for Brunei Darussalam, Indonesia, Malaysia, Singapore and Thailand.
- b. Reporting, printing and promotional costs.
- c. Communication, office supplies and other miscellaneous expenses.

F. PROJECT REVIEWS, REPORTING AND EVALUATION

Project Review

The project will be subject to tripartite joint review by representatives of the government/executing agency and UNDP within a mutually agreed period of time. The national project co-ordinator and/or senior project officer of the United Nations executing agency shall prepare and submit to the tripartite review meeting a project performance evaluation report.

Project Reporting

A project terminal report will be prepared for consideration at the terminal tripartite review meeting. It shall be prepared in draft sufficiently in advance to allow review and technical clearance of the executing agency at least four months prior to the terminal tripartite review.

Project Evaluation

The project will be subject to evaluation, in accordance with the policies and procedures established for this purpose by the UNDP. The organization, terms of reference and timing of the evaluation will be decided by consultation between ASEAN and UNDP.

G. LEGAL CONTEXT

The project document shall be the instrument referred to in Article I, paragraph 1 of the assistance agreement between the Governments of the Philippines and Singapore and the UNDP signed by the parties on 21 July 1977 and 11 March 1975, respectively.

This project document shall be the instrument (therein referred to as a Plan of Operation) envisaged in Article I, paragraph 2 of the agreement among the Governments of Indonesia, Malaysia and Thailand and the UNDP concerning assistance under the special fund sector of the UNDP, signed by the parties on 7 October 1960, 25 July 1961 and 4 June 1960, respectively.

H. PROJECT BUDGET COVERING UNDP CONTRIBUTION

Country: All ASEAN countries

Project Number: RAS/88/020/A/01/99

Project Title: Second ASEAN Science and Technology Week (SASTW)

		<u>Total</u> \$	<u>Total</u> \$
10.	<u>Project Personnel</u>		
16.00	Mission Costs ¹	2,000	2,000
19.00	Component Total	<u>2,000</u>	<u>2,000</u>
30.	<u>Group Training</u>		
32.00	Seminars ²	114,440	114,440
39.00	Component Total	<u>114,440</u>	<u>114,440</u>
50.	<u>Miscellaneous</u>		
52.00	Reporting/Printing Costs	20,000	20,000
53.00	Sundries ³	<u>13,560</u>	<u>13,560</u>
59.00	Component Total	<u>33,560</u>	<u>33,560</u>
99.00	GRAND TOTAL	<u>150,000</u>	<u>150,000</u>

¹ For participation of one ESCAP staffmember who will serve as one of the resource persons.

² Out of which \$5,000 will be provided to support local participation (not residing in Manila).

³ Out of which \$3,000 will be sub-allotted to the PPRR's office (which will be substantially involved in travel and other logistical arrangements) for communications, office supplies and other administrative costs.

FINANCIAL AND ACCOUNTING ARRANGEMENTS

A. General

1. The ASEAN Secretariat,^{1/} hereinafter referred to as "the Secretariat", is responsible to the Administrator of UNDP for the custody and proper use of funds advanced to it by UNDP.
2. The Secretariat will maintain separate accounts (including a separate bank account) for UNDP resources. It will use the funds provided to it only for inputs financed by UNDP, in accordance with the project budget covering UNDP's contribution (reference UNDP Policies and Procedures Manual, Section 30305, subsection 3.0).
3. Advances of funds to and payments by UNDP on behalf of the Secretariat are governed by the applicable UNDP Financial Regulations and Rules and directives regarding the utilization of currencies.
4. The Secretariat will provide UNDP with financial statements of UNDP funds received and spent, prepared in accordance with the UNDP financial year (1 January to 31 December) in English. The periodicity and content of such statements are set out below. Annual financial statements will be audited by the legally recognized auditors of the Secretariat's own accounts. To the extent feasible, the audit principles and procedures prescribed for the United Nations will be applied by the auditors, who will provide reports annually together with the reports set out below.
5. For the purpose of reporting to UNDP, US dollar equivalents will be calculated at the United Nations operational rates of exchange. The resident representative of UNDP will inform the Secretariat of such United Nations rates of exchange and of changes thereto when they occur.

B. Advance of Funds

6. Advances will be made by the Resident Representative (who is designated Principal Project Resident Representative - PPRR) in Manila at the request of the Secretariat in accordance with the project document and in the required currencies subject to the conditions set out below.
7. The Secretariat will indicate its cash requirements from UNDP funds for each period of the schedule of advances included in the project document at least two weeks before payment is due (Attachment 1 of this annex, Request for Advance of Funds). Advances will be made by UNDP at the time indicated in the schedule of advances, in the amounts and currencies requested by the Secretariat.

^{1/} This is the co-ordinating body of the Association of Southeast Asian Nations (ASEAN) composed of the Governments of Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore and Thailand.

8. If the schedule of advances included in the project document no longer reflects actual requirements for funds, a new schedule will be prepared by the Secretariat in consultation with the Resident Representative, in accordance with the format indicated in Attachment 4 of this annex, Schedule of Advances. Advances should normally be sufficient to cover anticipated cash requirements for a maximum of three months.

9. All local currency advances to the Secretariat will be made by the Resident Representative.

10. Advances to the Secretariat in US dollars will be made by the Resident Representative if this currency is available to him or her. The Resident Representative will arrange for advances in currencies not available to him or her to be made by UNDP headquarters or other field offices, as deemed appropriate.

C. Direct Payments by UNDP

11. At the request of the Secretariat, UNDP will, after verification of the supporting documentation, make payments directly to individuals or firms providing UNDP-financed services or goods. The requests will be addressed to the Resident Representative who will either arrange for the payments to be made by his or her office or by UNDP headquarters. The requests will indicate payee, amounts and currencies required, justification for the request and payment instructions reflecting payee's bank, its address and the account number.

12. The Resident Representative will provide the Secretariat with statements of direct payments made by UNDP within 15 days following 30 April, 31 August and 31 December, for incorporation in the project delivery report in accordance with paragraph 13(b), below.

D. Periodic Financial Statements

13. The Secretariat will furnish the resident representative with certified financial statements within 30 days following 30 April and 31 August and within 60 days following 31 December. The statements will include the following:

(a) Status of funds advanced by UNDP (Attachment 2 of this annex). The statement will be submitted for each period indicated above and will be prepared in the currency of the advance. Separate statements will be issued where different currencies have been advanced. Each statement will reflect cumulatively for the year the amount of funds available at the beginning of the year, funds advanced by UNDP, funds expended by the Secretariat during the reporting period and the resulting balance at the end of that period. The statement will also detail expenditure incurred by month in local currency and the US dollar equivalent calculated at the applicable United Nations operational rate of exchange;

(b) Project delivery report (Attachment 3 of this annex). The report will be submitted for each period indicated above and will reflect cumulative current-year expenditure classified according to the items listed in the approved project budget. It will incorporate the expenditure incurred by the Secretariat and the statement of direct payments made by UNDP.

14. If the Secretariat cannot submit the financial statements on the date on which they are due, it will inform the Resident Representative of the reasons and indicate the planned submission date.

E. Secretariat's Annual Audited Financial Statements

15. A certified and audited annual financial statement of the status of funds advanced by UNDP, as described in paragraph 13(a), above, will be made available by the Secretariat to the Resident Representative within 120 days after the end of the calendar year.

16. The financial statement will be audited and attested to by the entity specified in paragraph 4, above.

F. Secretariat's Final Financial Statements

17. Upon financial completion of UNDP assistance to a project, the Secretariat will provide final financial statements to cover the period 1 January to the date of either financial completion or refund of the unspent balance of UNDP funds, if any (see paragraph 18, below). The financial statements will be audited so as to conform to the requirements set out in section E above. The format given in Attachments 2 and 3 of this annex should be used. The statements will be provided within 120 days from the date of financial completion to the Director, DOF, with copies to the UNDP Resident Representative.

18. If there is an unspent cash balance of UNDP funds held by the Secretariat, that balance will be refunded by the Secretariat in the currency of the advance not later than 30 days after the date of financial completion.

G. Audit by UNDP

19. All accounts maintained by the Secretariat for UNDP resources may be audited by the UNDP internal auditors and/or the United Nations Board of Auditors or by public accountants designated by the United Nations Board of Auditors.

GOVERNMENTS OF THE ASSOCIATION OF SOUTHEAST ASIAN NATIONS (ASEAN)^{a/}

REQUEST FOR ADVANCE OF FUNDS FROM UNDP

FOR PROJECT: SECOND ASEAN SCIENCE AND TECHNOLOGY WEEK (RAS/88/022)

For the period from _____ 19__ to _____ 19__

[illegible]

a/ Brunei Darussalam, Indonesia, Malaysia, the Philippines, Singapore and Thailand, as represented by the ASEAN Secretariat.

Certified by:

Name
Title
ASEAN Secretariat

GOVERNMENTS OF THE ASSOCIATION OF SOUTHEAST ASIAN NATIONS (ASEAN)^{a/}

STATUS OF FUNDS ADVANCED BY UNDP

FOR PROJECT: SECOND ASEAN SCIENCE AND TECHNOLOGY WEEK (RAS/88/022)

For the period 1 January to _____ 19__
(In _____) ^{b/}

<u>A.</u>	<u>Summary of funds received and expended</u>	<u>Amount</u>
	Balance at 1 January 19__	
	Add: Advances received from UNDP	_____
	Total funds available for project purposes	
	Deduct: Total expenditure for year-to-date ^{c/}	_____
	Balance at _____ 19__	=====
	Represented by:	
	Cash in bank	
	Cash on hand	_____
	Balance at _____ 19__	=====

^{a/} Brunei Darussalam, Indonesia, Malaysia, the Philippines, Singapore and Thailand, as represented by the ASEAN Secretariat.

^{b/} Specify currency in which advance was made.

^{c/} This amount should be the same as the total expenditure in Table B.

B. Summary of expenditure by month

	<u>Expenditure</u> <u>(In currency</u> <u>of advance)</u>	<u>UN operational</u> <u>rate of exchange</u>	<u>Expenditure</u> <u>(In US\$ equivalent)</u>
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
TOTAL	<u>a/</u> =====		=====

a/ This amount should be the same as the total expenditure for year-to-date in Table A.

Certified correct by:

Approved by:

Name
Chief Accountant
ASEAN Secretariat

Name
Title
ASEAN Secretariat

AUDIT CERTIFICATE
(As issued and signed by the Auditors)
REQUIRED ONLY FOR ANNUAL AUDITED
AND FINAL AUDITED FINANCIAL STATEMENTS

RAS/88/022 - SECOND ASEAN SCIENCE AND TECHNOLOGY WEEK

SCHEDULE OF ADVANCES^{a/}

US\$

A. Fund advanced to date

B. Funds to be advanced in forthcoming 12 months^{b/}

To ASEAN Secretariat

<u>Date</u>	<u>Amount</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

TOTAL

C. Funds to be advanced in subsequent periods

TOTAL ALLOCATION PER PROJECT BUDGET (LINE 99)

=====

^{a/} To be included in the project document immediately following the budget for UNDP's contribution. Advances should only cover anticipated cash requirements for a maximum of three months.

^{b/} The period to be covered should be the 12 months following the date of approval of the project revision.