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ECONOMIC COMMISSION FOR LATIN AMERICA
Subregional Office for the Caribbean
CARIBBEAN DEVELOPMENT AND CO-OPERATION COMMITTEE
CARIBBEAN COUNCIL FOR SCIENCE AND TECHNOLOGY
Third Plenary Session
Curacao, Netherlands Antilles
27-29 July 1983



PROJECT III

PREPARATION AND EXCHANGE OF
AUDIO-VISUAL MATERIAL FOR
EDUCATION IN SCIENCE AND TECHNOLOGY



UNITED NATIONS

ECONOMIC COMMISSION FOR LATIN AMERICA Office for the Caribbean



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PREPARATION AND EXCHANGE OF AUDIO-VISUAL MATERIAL FOR EDUCATION IN SCIENCE AND TECHNOLOGY

1. Background/Justification

Science and Technology tradition is greatly lacking in the Caribbean. Very little has been done by way of publicising indigenous research, development activities and services in the areas of Science and Technology. Since activities in this field presently affect everyone's daily lives, it is imperative that measures be taken to ensure that knowledge in this area be made available to as wide an audience as is possible.

Therefore, starting with video tapes but including film strips etc. a series of audio-visual materials will be prepared in the languages of the CCST member countries to educate the public on the benefits, limitations and dangers of developments in Science and Technology.

2. Objectives

- i. To sensitize students, teachers and the general public and create an awareness of the role of Science and Technology in the society by making available information in a format that will be meaningful to all levels of users.
- ii. To train Teachers, Film Technicians, and Adult Educators in the various methods of producing, displaying and projecting scientific and technological information so that it can be readily understood and appreciated by non-scientists as well as school children.

3. Methodology

The project is envisaged as comprising three phases viz.

Phase 1

Two twenty-minute films based on:

- (a) The Trinidad and Tobago experience; and
- (b) The experience of Guyana, Barbados and Grenada

will be prepared to illustrate how a national unit can be identified and utilised to produce films illustrating the impact of science and technology on everyday life in any particular developing country.

Phase 2

Preparation of a series of audio-visual materials (video-tapes, film strips, etc.) in the official languages of CCST countries to highlight the benefits and pitfalls of various developments in Science and Technology.

Phase 3

- (a) Using the audio-visual material to train students, teachers and undergraduates in the various scientific and technological disciplines.
- (b) Using the processes of preparation of the audio-visual material to train Teachers, Film Technicians and Adult Educators in the various methods of producing information so that it can be readily understood and appreciated by non-scientists.

UN/ECLA Port-of-Spain and CCST will co-operate in providing liaison services, background research, financial and other infrastructural support.

Action to date (31 May 1983)

A Project Leader with experience in the preparation of audio-visual material was identified and a team, comprising Project Leader and two film technicians from the Ministry of Education, Trinidad and Tobago and a Research Assistant from CCST, travelled to and around the various countries and regional institutions to film activities taking place in science and technology. A shortened version of the Trinidad and Tobago experience was viewed by the Caribbean Ministers responsible for Science and Technology Meeting in Jamaica, 6-7 April 1983 and evoked a very positive response. The post production and editing of both films are now in progress so that they should be ready for screening at the Third Plenary Session of CCST scheduled for 27-29 July 1983 in Curacao, Netherlands Antilles. This would mark the end of Phases 1 and 2.

Further support needed 1983-1984

If, as is expected, the reaction of Council Members and Observers at the Third Plenary are generally favourable, some support will be needed to implement Phase 3.

Provisionally this is envisaged as:-

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| (a) Dubbing the films already prepared in the other two working languages (French and Spanish) of CCST | | US\$10,000 |
| (b) Transfer of material from tapes to film | | 4,000 |
| (c) Preparation of three other films highlighting the science and technology activities of other CCST Member Countries in the following areas:
Health, Science Education, Agriculture and Newly Emerging Technologies | | <u>36,000</u> |
| |Carried forward | US\$50,000 |

Brought forward US\$50,000

(d) Convening a Regional Workshop of Teachers,
Film Technicians and Adult Educators to
illustrate how a national film unit can
utilise indigenous material to produce
films, slides, books etc., for education
in Science and Technology 50,000

US\$100,000



