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**UNITED NATIONS
ECONOMIC COMMISSION FOR AFRICA**

Regional Data Base
First Phase - Closing Seminar
5-8 July 1994, Addis Ababa

PROJECT RAF/89/046 ECA/IBRD/UNDP TRANSPORT SECTOR

REGIONAL TRANSPORT DATA BASE

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**PHASE II
DRAFT FRAMEWORK
OF PROJECT DOCUMENT**

I. PROJECT APPROACH

1. During this phase modules from each stage (data collection methodology, data compilation and exchange of experience) will be selected from the pilot countries in order to provide the assessment of the overall activity. Efforts, will be made to also raise adequate funds for the completion of the first component as well as its continuation into the second component. The remainder of the activities will be prioritised according to the availability of resources.

2. The proposed approach is as follows:

- (a) The approach for project implementation by pilot countries and IGO's such as ADCC (SATCC), MINCONMAR, North Corridor, etc. will be maintained.
- (b) The first stage will be the choice of maximum of 5 countries pilot IGO's
- (c) Each IGO will select a pilot country for each transport mode
- (d) In close cooperation with the pilot IGOs, the number of pilot countries will be extended.
- (e) The pilot IGOs will assist ECA in the mobilization of the financing, and in the disseminations of the project results.

II. Project organizational mechanisms

- (a) ECA will be the lead agency
- (b) A steering Committee will be established to supervise the project and to provide the main orientations (ECA, UNDP, other donors, specialized agencies)
- (c) A technical committee will be established to provide technical advise on conception of methodologies and their implementation (ECA, UNDP, the World Bank, UNCTAD and selected Specialized agencies, pilot IGO's)
- (d) A regional unit will be established at ECA to monitor the various activities of the project:
 - one transport statistics specialist for all activities related to the harmonization and implementation of data collection methodologies;

- one data base/systems analyst specialist for the data management and the production of indicators values to appraise UNTACDA progress.

III. Conditions required for the best implementations

3. The project needs the support of donors which are involved in financing of national transport data base projects.

IV. Project cost^{1/}

| | | |
|---|----------------|--------------|
| ✓ | Component I = | US\$ 400,000 |
| ✓ | Component II = | US\$ 550,000 |

V. Donors

4. Donors which can finance the project are UNDP, USAID, EEC, CIDA and French Cooperation. It will be useful to contact them in close cooperation with selected pilot IGO's.

VI. Duration

5. 24 months (two years)

VII. Objectives, output and activities

7.1 Results of phase I

6. The main results of the first phase will be:

(a) Methodology aspect

7. Conception of harmonized methodology to collect data required to calculate indicators of:

| | |
|---|-------------------------|
| ✓ | road and road subsector |
| ✓ | railways subsector |

^{1/} Detailed estimates of the project cost will be provided in the fully costed project document.

✓ port subsector

8. Selection of performance indicators for air and urban transport subsectors.

(b) Data collection and flows

- Availability of transport data of pilot countries
- consistency and format of regional transport data yearbook.

(c) Experience exchange

- Implementation and monitoring of the transport data network, publication of newsletters.

(d) Regional data base management

- Technical, financial and human resources needed to establish and manage the regional data base.

9. The second phase should aim at pursuing activities which have been undertaken to reach the above results and to implement regional transport data base.

10. The second phase should be designed with 2 components:

Component I: harmonization of methodologies and monitoring of transport data network.

Component II: Region wide implementation of the transport data base and management of data.

7.2 Objectives and activities of Component I

Objective 1: To pursue activities which have been undertaken to harmonize and implement data collection methodologies.

Output 1.1: **Implementation of methodologies defined by manuals for road, railway, port subsector.**

Activity 1.1.1: In cooperation of the MINCONMAR and subregional Port Management Association of Western and Central

African States. ECA will implement methodology proposed by the closing seminar for port indicators.

Activity 1.1.2:

In close collaboration with UAR, ECA will implement, in a limited number of countries, the methodology proposed by the closing seminar for railway indicators.

Activity 1.1.3:

ECA will assist pilot countries which have conducted road and road transport data collection during the first phase to calculate values of performance indicators selected for both subsectors.

Output 1.2:

Harmonization of methodologies.

Activities 1.2.1:

On the basis of performance indicators selected by the closing seminar, ECA will conceive with the assistance of ICAO, AFCAC, AFRAA etc. , harmonized methodology for data collection in air transport subsector.

Activities 1.2.2:

On the basis of performance indicators selected by the closing seminar and with the assistance of a short-term consultant, ECA will conceive harmonized methodology to collect data of the urban subsector.

Activities 1.2.3:

With the assistance of UNCTAD and MINCONMAR (and subregional port management associations ECA) will select performance indicators for shipping management.

Output 1.3:

Dissemination of methodologies

Activities 1.3.1:

ECA will assist two or three IGO's to promote data collection methodologies conceived in their member countries.

Activities 1.3.2:

ECA will provide technical assistance to each pilot IGO to prepare and to conduct a seminar. These seminars will aim at presentation of the results of the first phase, and definition of the action programme for the concerned IGO.

Objective II To improve data collection, compilation and dissemination geared towards the development of the transport data base

Output 2.1: Data collection

Activity 2.1.1: ECA will make an inventory of all the related data available in its headquarters.

Activity 2.1.2: Missions will be undertaken to the pilot countries to make country-specific transport data inventories and to identify the data gaps.

Activity 2.1.3: Procedures including relevant questionnaires, for data collection on regular basis, to complete the data gaps will be developed.

Output 2.2: Data compilation including development of pilot transport data base

Activity 2.2.1: A pilot data base catering for the first stage pilot countries and selected indicators will be developed on a modular path.

Activity 2.2.2: The pilot countries data will be entered, edited and stored in the data bank in the form of harmonised series.

Output 2.3: Data dissemination

Activity 2.3.1: In order to monitor the adoption of methods and standards the cross country comparative data will be published in the form of a regional transport statistical year book.

Activity 2.3.2: Other modes for data dissemination, including diskettes and computer print-outs etc will be explored.

Objective III: To improve experience exchange

Output 3.1: Monitoring of regional transport data network

Activity 3.1.1: ECA will analyze and disseminate in the network methodologies and data received from pilot countries and IGO's.

Activity 3.1.1: On the basis of values of selected performance indicators, ECA will propose norms for a limited number of key indicators for each subsector.

Activity 3.1.2: ECA will publish technical newsletter each 6 month.

Output 3.2: **Data utilization**

ECA will organize two seminars on transport data utilization.

The first seminar for enterprise transport data (Air, Railway, port, shipping).

The Second for public administration data (road, road transport and urban transport).

Component II: **Region wide implementation of the transport data base**

Objective I : **Development of the regional transport data base.**

Output 1: **Regionwide adoption of data collection methodology**

Activity 1.1: ECA will promote the adoption of the harmonized data collection methodologies through seminars and missions to selected pilot-countries.

Output 2: **Data collection from all the member States.**

Activity 2.1: Procedures to collect the data for all modes and indicators from member States will be developed and implemented.

Output 3: **To develop the regional transport data base on a modular path to cater for all modes and indicators for all the member States.**

Activity 3.1: Pilot transport data base will be expanded and implemented for all the necessary indicators region wide.

Activity 3.2: The data base will be maintained and up-dated on a regular basis through the continuous flow of data from member States and other secondary sources.

Output 4: **Dissemination of regional transport statistics**

Activity 4.1: The harmonised series in the form of data aggregates will be disseminated periodically through the transport statistics yearbook and other modes to the member States as well as the various specialised agencies.

Output 5: **To establish a regional transport data base unit**

Activity 5.1.: The staff of the unit will be responsible for the maintenance, administration and further development of the regional data base.

Activity 5.2: The necessary training regarding administration, maintenance and usage of the data base will be provided to the relevant TCTD staff.

Output 6: **Periodic appraisal of UNTACDA II Progress**

Activity 6.1: The regional transport data base unit will conduct follow-up missions to selected countries in order to fully implement the data collection methodology (Output 2.1)

Activity 6.2: The regional transport data base unit will calculate each 6 months values of key indicators selected to appraise UNTACDA II progress.