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Expert Group Meeting on the Theory and Practice of the Appraisal of Technical Co-operation Projects Vienna, 25-27 September 1991

THE THEORY AND PRACTICE OF THE APPRAISAL OF TECHNICAL CO-OPERATION PROJECTS

Reference paper*

Prepared by

the UNIDO Secretariat

*This document has not been edited.

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Introductory Note

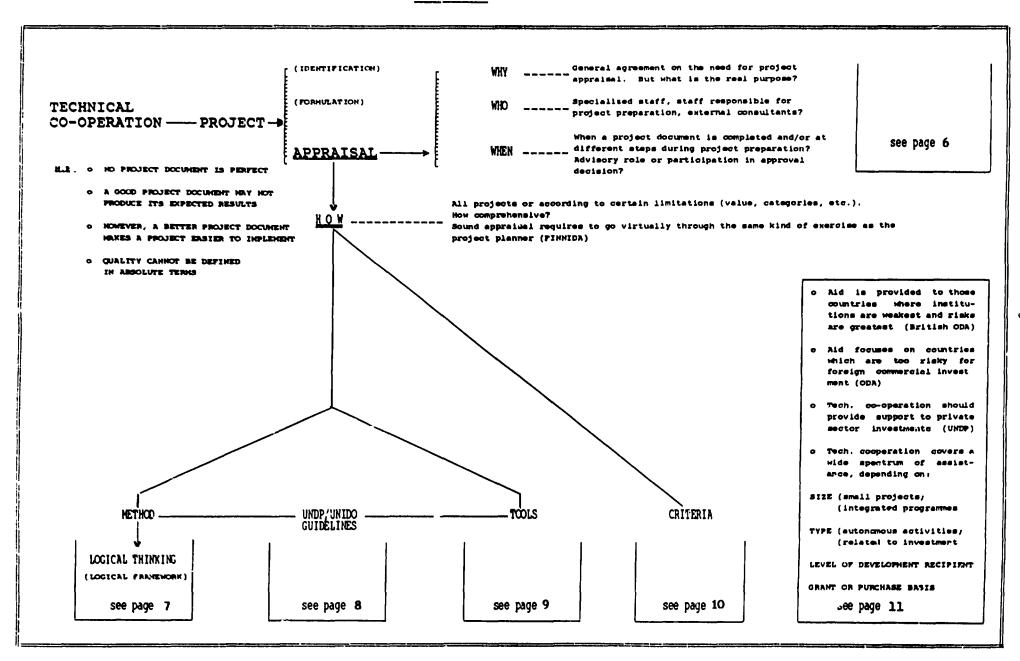
Problem addressed:

There is an insufficient common understanding of what constitutes "quality" in technical co-operation programmes and projects. A main cause of this problem is the inadequacy of existing tools to assess or measure whether quality criteria (e.g. relevance, feasibility, cost-effectivess, sustainability) are met by such programmes and projects. Furthermore, there are no generally accepted standards against which to measure these criteria.

Objective:

The improvement of the tools and techniques used for the appraisal of technical co-operation programmes and projects so as to better ensure their overall quality.

This reference paper prepared by the Project Appraisal Section of UNIDO raises a series of questions for discussion by experts in the field of appraisal of technical co-operation programmes and projects.



WHAT IS APPRAISAL?

A. UNIDO

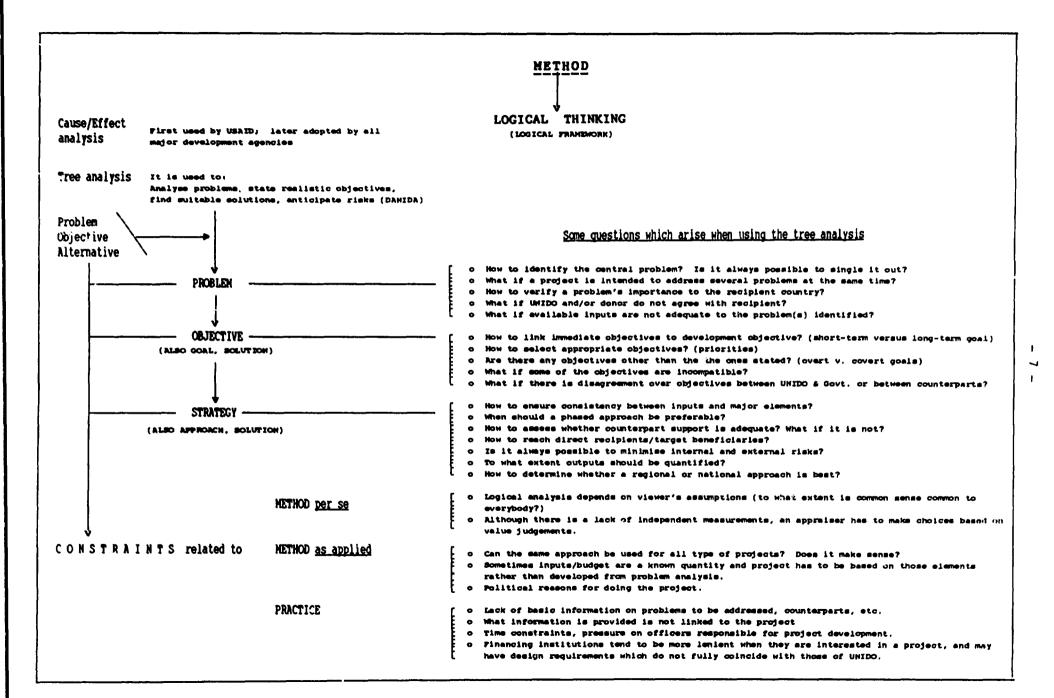
- 1. "Appraisal is the critical assessment of the relevance, feasibility and potential effectiveness of an activity before a decision is made to undertake that activity, or to approve assistance for it." [United Nations: Joint Inspection Unit (JIU/REP/78/5)]
- 2. The Project Appraisal Section will appraise complete draft project documents and their overall quality on the basis of the UNDP/UNIDO guidelines for project design and evaluation and of the applicable guidelines of the donor or financing organization(s). It will also ensure that projects conform with UNIDO policy. [UNIDO]
- 3. The Project Appraisal Section may be requested to advise on project design and formulation (particularly in the case of large, complex programmes comprising a set of interrelated projects). [UNIDO]
- 4. An Appraisal Memorandum on each project's relevance, feasibility and potential effectiveness is issued to the approval authorities at UNIDO to facilitate decision-making on each project; the Chief of Section is an advisor to the Project Review Committee. [UNIDO]

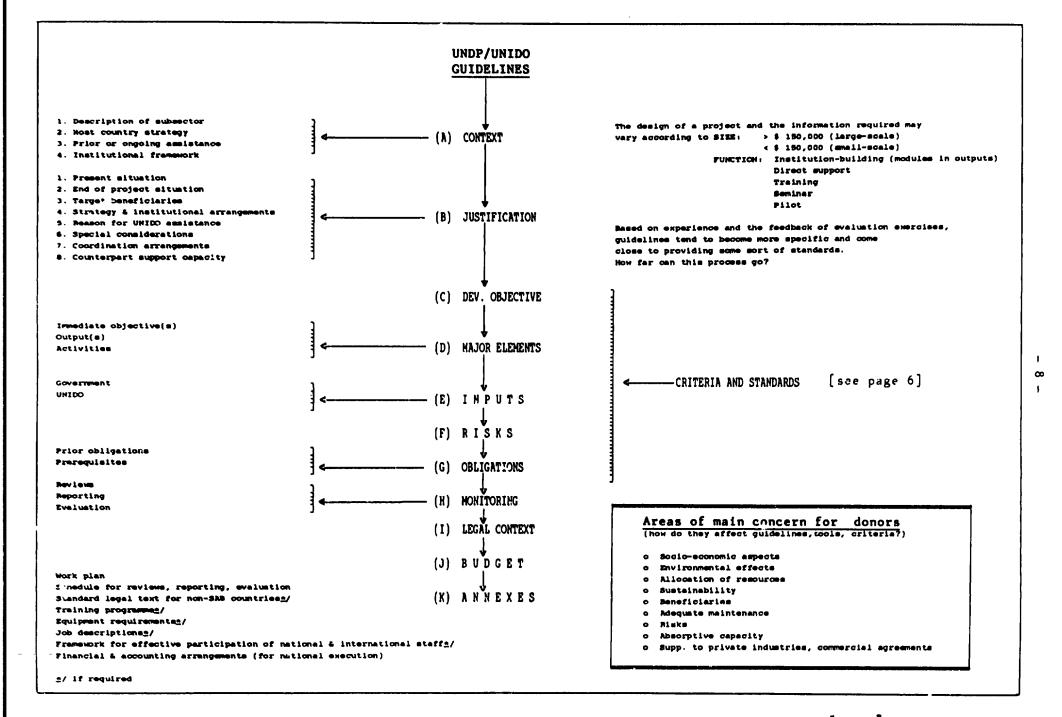
B. OECD, DAC Principles for Project Appraisal, 1988

- 1. "The purpose of appraisal is to enable decision-makers to make rational project choices and to contribute to good project design". [paragraph 18]
- 2. This presupposes a thorough initial project screening process resulting in a short-list of projects which would be the subject of detailed formulation and appraisal. This process ensures that implausible projects do not acquire a life of their own.

 [paragraph 9]
- 3. At the decision stage, appraisal will enable those concerned to ensure the soundness (overall quality) of a project, the superiority of its design to alternative means of meeting its objectives and its readiness for implementation. [paragraph 19]

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TOOLS

A. PRIMARY

B. ANCILLARY

CHECKLISTS:

GENERAL CHECKLIST (Internal Appraisal Report)

SHALL-SCALE PROJECT

WORKSHOPS

Evaluation reports

Heatimgs/discussions with substantive staff

Individual research on documents

PREPARATORY ASSISTANCE

Appraisal missions

Project database

ENVIRONMENT

TRAINING

WOMEN

A CHECKLIST is a tool to assist in the appraisal process, as a reminder to the appraiser of certain key questions which should be considered before recommending whether or not a project should be approved. A checklist does not attempt to cover every question appropriate to the proper apprelsal of a project; not all questions in the checklist are necessarily applicable to all projects. It must be applied with common sense. (UNDP)

MEASUREMENTS: To each question in the checklist appraisers are supposed to answer with a value judgement. To what extent are such judgements based on:

- o logic
- O COMMON SONS
- o personal experience
- o common experience
- o specific parameters

C. TO WHAT EXTENT CAN CHECKLISTS APPLIED FOR APPRAISAL OF INVESTMENT PROJECTS BE USED? (See FINNIDA: General Guidelines for Project Appraisal)

Technical Appraisal Technology & engineering Plant layout Cost estimates Implementation schedules Supplies Outpute

Institutional & Managerial Appraisal Plant/project organization Managerial skills Utilisation of local capabilities Training provisions Relation to country institutions

Social Aspects Appraisal Income distribution Job orestion Women participation Regional development Effects on traditional life pattern Cultural/political effects

Commercial Appraisal Demand Marketing channels Procurement procedures

Legal Ampents Appraisal Contracts among parties concerned Licencing procedures Financing procedures Procurement procedures

Environment Aspects Appraisal Waste management Ecological impacts Health

(Non-income projects) Sustained availability of funds (Non-profit projects) Subsidies (Profit projects) Net income/loss Assets/liabilities Cash flows, etc.

Financial Appraisal

Economic Appraisal Shedow or social prices Transfer payments Indirect effects

Sensitivity Analysis Quantities and prices of outputs & inputs Time-frame for project implementation

SOME CRITERIA FOR OVERALL QUALITY

CRITERIA

RELEVANCE: Consistency of the Immediate objective(s) with (s) the central problem identified and (b) the priority needs of the recipient country (or group of countries) as indicated in the Development Objective.

<u>EERSIBILITY</u>: The extent to which a project is likely to achieve its Irmediate Objective(s).

COST-EFFECTIVENESS: Envisaged relationship between the costs of implementing a project and its expected benefits (outputs or objectives)

SUSTRINABILITY: A project can be considered to be sustainable when it is able to deliver benefits for an extended period of time after external assistance has been terminated.

[DAC principles, para.20]

COMMENTS

A project might be found to be both feasible and cost-effective - as described below - but still not be relevant because it fails to make a significant contribution to the solution of the identified problem or the attainment of the long-range goals and priorities of the recipient country.

There are several key factors which may affect the consistency of

(a) the adequacy - both in qualitative and quantitative terms - as

(b) the nature of the prior obligations and prerequisites which are

well as the cimeliness of all inputs, including counterpart

MEANS OF ASSESSMENT

- (a) Logic, common sense
- (b) Logic; experience

[c.q p.3]

At present
There are no
generally accetable
yardsticks against
which to measure
the relevance,
feasibility &
cost-effectiveness
of technical cooperation projects.

STANDARDS

Technical cooperation projects elude simple and rigorous criteria [UNDP, Manual on how to write a project document]

- (a) Quantifiable indicators
- (b) Experience
- (c) Experience; common sense

quantifiable

(d) Experience

[eee p.3]

Experience

indicators.

[ee p.3]

In the future
Would it be possible & necessary
to develop such
standards based on:

(a) the feedback from evaluation exercises [see p.4]

(b) the analysis used in connection with investment projects see p.5

(c) Other?

When comparing different strategies for the same project or

different projects, the alternative to be preferred is that one

which requires the lesser cort to produce the expected

Depending on each project sustainability criteria may include:

(1) Conducive policy environment

the proposed project strategy, such as:

required for project implementation;

(d) the attitude of the project beneficiaries.

support capacity;

(c) external rinks:

(11) Clear and realistic goals

outputs/achieve the objectives.

- (111) Economic soundness and sustainability
- (iv) Affordability in terms of initial costs and of operations & maintenance
- (v) Active involvement of local authorities and counterparts.
- (vi) Choice of technologies appropriate to recipient's economic and social conditions
- (vii) Realistic time-frames
- (viii) Adequate maintenance and support systems, and their management after project completion
- (ix) Compatibility with socio-cultural environment
- (x) Environmental sustainability.

POST SCRIPTUM: SOME BASIC ISSUES

Particularly in the case of funds for which projects are very often developed on a case by case basis without any significant programming or initial screening with recipients' involvement, it is noted that:

- 1. There is often an incompatibility between the need to obtain quick results in the short-term and the need for strengthening local capabilities in the long-term.
- 2. Projects are often designed for objectives identified by UNIDO and/or the donor for the recipient not vice-versa.
- 3. Technical cooperation is provided free of charge to the recipients; their costs are generally limited to administrative and logistic support.
- 4. Resulting partly (but not only) from this, the commitment and involvement of the recipient is weak. Indeed counterparts are viewed in general as the "assistants" of the foreign experts who act as frontline operators. Should these roles not be inversed, so that the supplier of services (foreign expert) is the counterpart of the "buyer" of services (the recipient institution and its staff)?
- 5. In this connection, the inadequate local cost funding of projects tends to reduce the effectiveness and quality of projects and threaten their sustainability.

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