

Research on performance evaluation of international Financial organization Loan Project

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Abstract: summarizes the basis of research on the performance evaluation of international financial organizations ' loan projects at home and abroad on , with Asian Development Bank loan Hunan province M Road Project as Case , Use gray-level parsing method , with "dependencies , efficiency , effects , sustainability for guidelines , Building Performance Evaluation indicator system ,

analysis evaluates Hunan province M Implementation effects for road projects .

Keywords: International Financial organization ; Loan Entries ; Performance Evaluation ; Gray-level parsing Figure category number :F 830.571Document identification code : A

Performance evaluation can effectively reveal problems in the project and not full , find active in Project _ face , to optimize social resources with set , Promote high benefits for social resources . long , Our country is cited foreign investments , International financial organizations have always been reputable partners partner , especially loan items , is favored by various industries in the country , has The forces the economic development of various industries . so , with our country with Deepening communication between international financial organizations , How to do International Finance Group Research on performance evaluation of woven loan projects ,significant .

1. Research Overview on the performance evaluation of loan projects of international financial organizations

The performance evaluation of international financial organization loan projects is a complex and Comprehensive evaluation , experts and scholars at home and abroad have been thinking of performance effect evaluation you need to establish an open dynamic evaluation System , this system contains content that should cover society ,Economics, and more .. View before the international practice is more mature with ' dependencies , efficiency , effect , sustainability "' as starting point , Design evaluation based on criteria index and form indicator system , The system can be based on the national , , region , Item Objective Reality Select and refine the indicator , You can even add and modify .

(1) World Bank and Asian Development Bank (Hereinafter referred to as adb) to International Financial Organization Loan Project Performance Evaluation Research Overview . to do Good performance evaluation of international financial organization loan projects , World Bank Special The is responsible for the performance monitoring of its loan project by the independent Evaluation Office . loan Project performance evaluation mainly from project input , project Output , effects and Shadows ring and so on ,Index covers economy , social aspects . World Bank performance evaluation of loan projects , Is primarily based on its own Project Performance evaluation report , Use results-oriented performance Review 18

Price Method , Cost-benefit analysis , Impact Evaluation Method Performance evaluation . adb also set up post Evaluation Office 1978 Year , and to 2001 Year changed to business Evaluation Bureau . the Business Evaluation Bu-

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reanu mainly carries out The supervision and evaluation of the loan project , The results are directly remitted to the board of Directors report . when ADB has just started performance evaluation of loan projects , due to only post-evaluation , so it 's not timely to deal with the questions that appear in the loan item title and insufficient . to address deficiencies in the evaluation work , adb build A performance management system , Start overseeing the entire process of loan projects and evaluate . The ADB's established performance management system mainly includes the project set meter with monitoring framework , Project performance report , Borrower performance monitoring and evaluation , Project report as finished , Project Post evaluation report, etc. 5 for content .

(2) Research on the performance evaluation of international financial organizations ' loan projects Investigate Overview . Current performance of international financial organization loan projects in China prices are mainly carried out by the Treasury and the Audit Commission . the Treasury has been in charge of the Our Foreign loan project, and performance evaluation of foreign loan projects research . 2008 year 4 Month * Day ,, Treasury released International Finance Group Interim measures for the management of performance evaluation of weaving loan projects (fiscal 2008] All number), and in the 2013 year to Performance evaluation of international financial organization loan projects Administrative interim measures "" Comprehensive revision , evaluation of performance by the then , Evaluate content , Evaluation Step ,Application of evaluation results, and so on , entered _ Refinement and provision of the step . in recent years , Audit department on performance evaluation side The face also makes unremitting efforts , _ Dedicated to exploring new evaluation methods , Find a breach . near ten year , Audit Division of Foreign investment in the audit department and the national The local level of foreign audit Department Select a large number of different projects , performance Evaluation Research work , now has accumulated a large amount of data , for forward _ Step on performance evaluation of foreign funded loan projects lay a solid

Base .

2. Application of the Grey-level comprehensive evaluation method

This article mainly to the Asian Development Bank loan Hunan province M Road Project For example , Research Grey-level comprehensive evaluation method loans in international financial organizations Project performance evaluation Application .

2.1 Project Introduction

adb loan Hunan province M A road project is implemented in Hunan province Z City Road projects , From our government to the ADB to apply for a loan implementationof the the project , The goal is to improve the project area of poor and backward traffic like condition . This project is mainly for construction of highways , including tunnels ,Bridge Beam , Exchange , Toll stations and service Area Construction , also for local roads to upgrade , improve Village road .

2.2 Evaluation Index selection and evaluation system construction

The Grey level Comprehensive evaluation method used in this paper is mainly to Dependencies , efficiency , effect , Sustainability "" for evaluation guideline , again based on the guidelines Content Design Indicator system . The specific metrics set by the are shown in the table 1.

2.3 performance evaluation based on grey analytic hierarchy process

The research object of the grey system theory is Partial information is known , Section information unknown Small sample " ' Poor information " Indeterminate system ,pass to ' Development and mining of partially known information "" embedded in system observations Important Information , to achieve correct description and understanding of the real world . International Financial organization Loan Project performance management is a gray system , Department The integration contains a lot of specific information . , also contains a large number of info , so , We can follow the

gray system theory , with Gray Analytic Hierarchy Process performance evaluation for international Financial organization loan projects . is done as follows .

(1) determine the weight of the evaluation indicator . This article uses the Analytic hierarchy process determine the weight of the index. The Analytic hierarchy process is mainly to compare the same _ -level indicator relative to the previous indicator (or target) The importance of is 22 comparison , draw a judgment matrix , to use the summation method to find the eigenvector and to perform the

- The-induced test results in the weight matrix , is the evaluation indicator weight factor .

(2) Evaluation Level , Evaluate the gray class , Whitening Right function and evaluation matrix ok . This article divides indicator evaluation into "" " " Good " " " " Bad "4level, and assigns the 4 divide ' ' 3 divide ' ' 2 divide ' ' 1 is divided into The is divided into value . preferred 6 bit expert , Experts are graded on the personality index singlerating (score between two evaluation levels , take both the middle value) , then organize initial evaluation matrix D (from left to right table 1~6 Expert's evaluation) . According to grade criteria , true set excellent , good , in , bad 4 evaluate Gray class , The Gray class ordinal is $k = 4, 3, 2, 1$ represents the , at the same time , Whiten the right function in the emergency capability Evaluation Model as a linear function , Specific evaluation grey number and whitening right letter the number is shown in the table 2.

(3) Evaluation Weights matrix for all levels of indicators . first , based on initial comment price matrix and Gray class , Grey number and whitening weight function to determine the grey evaluation right moment

Array . in the X_k (i The represents the benchmark layer , The represents the indicator layer) represents an indicator system page i Class Guidelines page J class Indicator k Grey evaluation factor for grey class , X . represents the first in the metric system I class Guidelines J class metric Gray for all gray classes

Evaluation factor , YJK The indicates that all experts have the first class guidelines J class metric rating To the First K evaluation weights for grey numbers , The is calculated as follows :

(4)Get adb loans by collating calculations Hunan province M Road project Performance Effect evaluation of the grey evaluation Right matrix $Y = [Y_a \ Y_b \ Y_c \ Y_d]^T$, moment

Array Y_a, Y_b, Y_c, Y_d Case-specific (5) shows .

by rating vector H and the grey evaluation weights matrix for the indicator layer Y to derive the index layer rating matrix , to get a comment on each metric value 2.4 Analysis of results of performance evaluation

(1) The results of the performance evaluation are all displayed in the table 1 , . from table 1 know The objective performance comprehensive evaluation value $W = 3$.,based on the Gray class and the level scoring criteria , known adb loans Hunan province M Road entry performance evaluation between excellent , with ' High Level , and to determine for Hunan province M Road Project Success .

(2) to parse the from the benchmark layer . dependencies 3. divide , Efficiency 3. points, Effects 3. Sub , Sustainability 3. Sub. in this 4 rule , Sustainability score lowest ,should be taken into consideration , focus on ; effect score maximum , should continue and improve , for greater effect . same as when from 4 A guideline score see , is in good between , can explain This item is successful in this 4 .

(3) analyzes from each criterion . correlation : 5 Index score is between fine , description 5 The completion of the metric is successful ; 5 The degree of correlation from the local to the state in descending , Description of the project The output of the is closer to the local . efficiency : 6 index score only refers to The development and effective implementation of the project management method (B 5) does not exceed

3 divide , Describes the project management approach and the effective implementation process not doing well , should be emphasized and enhanced administration ;Apply by construction plan Degree of Completion (B 1) and budget overrun (B 4) The score is also lower , main because the project preparation and approval process is complex , severely affects Project start time and implementation Progress , Project Expressway Aizhai Large Bridge construction difficult , Reroute Partial sections , causes construction delay and budget increase . effect : effect is 4 Highest score in a guideline , is the biggest share , but 7 indicators with lower score , such as beneficiary group

coverage (C6), This indicates that the output of the project also needs to be increased by plus more ancillary facilities to increase beneficiary group coverage . total come say, The project reached its intended target , make all parties happy . can be held continuation : Although the overall rating for sustainability is the lowest , but comment on each indicator has exceeded 3 ,, The reason may be that each metric requires a _ set Predictive , and every expert has a conservative attitude . so , can The sustainability guidelines should most be valued and enhanced for Administration .

3. Epilogue

The performance evaluation of international financial organization loan projects is a complex and complete surface work , applying gray analytic hierarchy , You can get loan items from each Evaluation Criteria Rating , Pass these scores , can discover the in the project Weak link , then work out the appropriate solution for the vulnerability scheme , Improving the benefits of a loan project . therefore , Grey analytic Hierarchy process is _ A good fit for international Financial organization Loan Project performance evaluation method .

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