

表 5.3-2 追加質問状 (1) : NEA

TO : National Electrification Administration (NEA)

FROM : JICA Baseline Survey Team

Date : August 24, 2000

Subject : Questionnaires for NEA

1. Purpose of Baseline Survey on Power Sector

- To conduct a survey on the present status of the electric power sector in the Philippines
- To obtain the basic information for the formation of Japan's strategy of assistance of this sector with the focus on intellectual and institutional support

2. JICA Mission Composition

Mr. Akira Niwa, Leader, Senior Advisor, JICA (left for Vietnam on August 20, 2000)

Mr. Masayuki Nakagawa, Electric Power Survey, Japan Elec. Power Information Center

Mr. Takemasa Tamura, Electric Power Inst., NEWJEC Inc.

Mr. Seiichi Mino, Electric Power Dev't Planning, NEWJEC Inc.

Mr. Yasuharu Matsuda, Electric Power Enterprise Management, NEWJEC Inc.

3. Meeting Schedule

Please refer to attached Table.

4. Additional Questionnaires

- (1) According to our understanding, NEA does not and will not implement a power project including renewable and ingenious energy but control and manage the RECs. Is our understanding correct?
- (2) In connection with (1), the RECs also does not implement the power project. Is this correct?
- (3) According to our understanding, many RECs out of 119 RECs encounter some difficulties in view of financial management. Will you give us one copy of the financial statistics that aggregates the each REC financial statement, if you have?
- (4) In connection with (2), could we have one copy of the financial report of the typical REC, if you have?
- (5) One of the financial difficulties seems to be caused by the current franchise regime. Does NEA have any idea or plan to change the franchise regime in future?

表 5.3-2 追加質問状 (1): NEA

- (6) JBIC dispatched the authorized accountant to NEA and RECs in 1996 to advise the financial management of NEA and RECs. We would like to know whether the advices were effective and useful for NEA and RECs or not. If not, please inform us why such advices were not effective and useful.
- (7) Will you kindly explain the relationship between SPUG and RECs?
- (8) Will you kindly explain the relationship between NEA and DOE? Because according to our understanding, NEA is attached administration agency to DOE.

表 5.3-2 追加質問状 (2) : NPC

To: Public Investment Group

NEDA

From : Yasuharu Matsuda

JICA Baseline Survey Team

Date : August 21, 2000

Subject : Questionnaires for the Meeting with NEDA

- (1) How many Applications are submitted to NEDA annually?
- (2) Do you have any criteria to select among those applications?
- (3) Please inform us of your priority of the rural electrification?
- (4) What kinds of assistance does NEDA focus on?
- (5) Do you have finance program for a long term to implement the projects, because the foreign donors don't offer 100 % of fund?
- (6) What a kind of assistance do you expect against Japanese ODA?

表 5.3-2 追加質問状 (3):NPC

TO : NPC

From : JICA Baseline Survey Team

Date : August 23, 2000

Subject : Additional Questionnaires

In Addition to our pre- questionnaires, will you kindly response for our following questionnaires?

(1) Estimate of Generation Cost for Renewable Energies

Concerning the utilization of renewable or ingenious energy for the power generation, do you have data in respect of generation cost estimate for the above renewable or ingenious energies, such as solar generation, wind generation, geothermal generation and mini(or micro) hydropower.

And you have any internal criteria that present the viable generation cost by the above source origin in view of economic and financial aspect?

Concerning the generation cost estimate of the above plants, will you inform us of your average generation cost for hydropower, oil-fired, coal-fired, diesel plant?

(2) Development of Renewable or Ingenious Energy Power Plant

After privatization of NPC, who will carry out the feasibility study on renewable or ingenious energy power projects and implement them?

Our understanding is as follows:

Source Origin	IPP	GENCOs	PNOC	DOE	NEA	LocalGov.
Geothermal Plant	○	○	○	×	○	○
Solar Power Plant	○	○	×	×	○	○
Wind Power Plant	○	○	×	×	○	○
Min (micro) Hydro P	○	○	×	×	○	○
Conventional Energy P	○	○	×	×	○	○

IPP conducts F/S, and implement the project when the project is financially feasible. Power will be sold through pool market.

GENCOs conduct F/S, and implement the project when the project is financially feasible and they need increase of power supply capacity. Power will be sold through pool market.

PNCO conducts F/S only for geothermal, and implement the project when project is financially feasible. Power will be sold through pool market.

DOE never conducts F/S because DOE is a policy maker.

NEA conducts F/S, and implement the project when the project is required from viewpoint of rural electrification through RECs.

RECs will purchase the power from NEA.

表 5.3-2 追加質問状 (3):NPC

Local Government conducts F/S, and implement the project when the project is required from viewpoint of rural electrification through RECs. RECs will purchase the power from local government.

(3) Desired Structure (proposed by NPC)

In the desired structure proposed by NPC, please explain for the following meaning in connection with (2) above.

- What is the Government GENCOs? (Where is different from privatized GENCOs?)

- What is the Own Generation? (Does owned generation include local government-owned generation plant and PNCO-owned generation?)

表 5.3-2 追加質問状 (4):NWRB

TO :NWRB
FROM :JICA Baseline Survey Team
Date :August 22,2000

Subject : Questionnaires for NWRB

1. Purpose of Baseline Survey on Power Sector

- To conduct a survey on the present status of the electric power sector in the Philippines
- To obtain the basic information for the formation of Japan's strategy of assistance of this sector with the focus on intellectual and institutional support

2. JICA Mission Composition

Mr. Akira Niwa, Leader, Senior Advisor, JICA (left for Vietnam on August 20, 2000)
Mr. Masayuki Nakagawa, Electric Power Survey, Japan Elec. Power Information Center
Mr. Takemasa Tamura, Electric Power Inst., NEWJEC Inc.
Mr. Seiichi Mino, Electric Power Dev't Planning, NEWJEC Inc.
Mr. Yasuharu Matsuda, Electric Power Enterprise Management, NEWJEC Inc.

3. Meeting Schedule

Please refer to attached Table.

4. Questionnaires

- (1) According to the NPC information, the NPC is seems to be substantially responsible for the integrated hydropower development in one river basin. Will you kindly inform us of how to manage the integrated water resource development currently or in other word, what fields does DPWH / NPC / DA handle?
- (2) Concerning the water resource management, will you kindly inform us that who handles or keeps the following data?
 - a) Rainfall record
 - b) River inflow record including the flood record
- (3) Does the privatization of NPC affect the river management of DPWH

表 5.3-2 追加質問状 (5) : PNOC

TO :Philippine National Oil Company (PNOC)

FROM :JICA Baseline Survey Team

Date :August 25,2000

Subject : Introduction and Questionnaires for PNOC

1. Purpose of Baseline Survey on Power Sector

- To conduct a survey on the present status of the electric power sector in the Philippines
- To obtain the basic information for the formation of Japan's strategy of assistance of this sector with the focus on intellectual and institutional support

2. JICA Mission Composition

Mr. Akira Niwa, Leader, Senior Advisor, JICA (left for Vietnam on August 20, 2000)

Mr. Masayuki Nakagawa, Electric Power Survey, Japan Elec. Power Information Center

Mr. Takemasa Tamura, Electric Power Inst., NEWJEC Inc.

Mr. Seiichi Mino, Electric Power Dev't Planning , NEWJEC Inc.

Mr. Yasuharu Matsuda, Electric Power Enterprise Management, NEWJEC Inc.

3. Meeting Schedule

Please refer to attached Table.

4. Questionnaires

- (1) For the general information of PNOC, will you give us one PNOC Annual Report 1999 and one copy of your organization chart, if you have.
- (2) Concerning the geothermal development, our understanding is that PNOC conducts the planning, exploring and implementation. Is our understanding correct?
- (3) If PNOC has the master plan of geothermal development, could we have one copy of the master plan?
- (4) If PNOC operates geothermal power plants and has generation cost data, will you kindly inform us of generation cost of geothermal power plant?
- (5) Will you kindly explain the contract condition of Leyte A and B which are now supplying NPC with steam under the BOO contract?
- (6) And in connection with (5), are the current BOO contract of Leyte A and B changed from BOO to PPA ?

表 5.3-2 追加質問状 (5) : PNOC

- (7) In connection with (5) and (6), PNOC supplies the power to NPC under the BOO or PPA contract at present. However, after the privatization of NPC (unbundling of generation section), to whom PNOC will supply the power.
- (8) Has PNOC conducted master planning and feasibility study under the foreign donors (organizations) such as JICA, World Bank, etc.? If so, will you kindly inform us of name of such projects, year and donors?
- (9) According to PEP 1999-2008, the Malampaya gas field is expected to come on stream in 2002, will you kindly inform us of the current progress status and the future development schedule, if you have?
- (10) Concerning the privatization of the Power Sector, will PNOC also be privatized in future? If so, do you have a blueprint of the new organization of PNOC?
- (11) Do you have any expecting plans in view of technical assistance by the foreign donors in a long and a middle term?

表 5.3-2 追加質問状 (6) : DOE

To: Lilian C. Fernandes

Chief, Science Research Specialist
Department of Energy, Philippines

From : Yasuharu Matsuda

JICA Baseline Survey Team

Date : August 21, 2000

Subject : Agenda for the 2nd Meeting with DOE

Dear Sirs,

A. Based on the last meeting with DOE, we would like to follow up the some items as described below:

- (1) We received the Omnibus Electricity Bill (House Bill No. 8457) dated April 11, 2000 from DOE. However, we have already got the same bill through the JICA dated April 12, 2000. Which is the latest one?
- (2) After the meeting with DOE, we had the meeting with NPC on August 18, 2000. Concerning the master plan of hydropower development, NPC said that the NPC was in charge of the master plan of hydropower development, of which potential capacities expected to be more than ten (10) MW, and the NEA was in charge for the less than ten (10 MW) and especially less than one (1) MW with the cooperation with Mini-Hydro Division of DOE. Is this true?, If so do you have some min-hydro master plan? And if so, please give us one copy of the master plan?
- (3) After privatization of NPC, who will be responsible for the power demand-supply planning for the long period, power developing program, master planning, and feasibility studies of hydropower and thermal power plants, which have been conducted by NPC?
- (4) Concerning the rural electrification, to which organization the National Electrification Administration belongs, independent agency or not?
- (5) Concerning the promotion of min-hydropower development for the rural electrification, Mr. Mario C. Marasigan stressed the necessity of the domestic production of the min-hydro equipment. What a kind of assistance do you expect for the domestic production?
- (6) Concerning the overseas assistances in the rural electrification, will you kindly inform us of the meaning of the following abbreviations:
 - WB PHRD
 - USAID/ NREL PREP

表 5.3-2 追加質問状 (6) : DOE

- UNDP-GEF PDE-B
- MSP
- AUSAID/ DILG

(7) In the last meeting with DOE, DOE would give us the TORs of ADB Technical Assistance consisting of :

- Electricity Pricing and Regulatory Practice in a Competitive Environment
- Consumer Impact Assessment
- Phase-3 Preparation of Software Programs
- Phase-4 Purchase of Infrastructure requirements for the Spot Market

Will you give us the each copy of the above TORs?

(8) Concerning “Feasibility study on the transfer of facilities and management of the 69KV transmission lines and systems from the national power corporation (NPC) to the private distribution utilities” which was carried out by JICA, will you kindly express your comments on the above study once more?

B. Will you kindly make arrangements the following organizations?

(1) National Electrification Administration

- Supervising the financial statistics (or status) of the RECs
- Planning the rural electrification program (or policy making) to be carried out by RECs

(2) Energy Regulation Board ;

(3) Philippine National Oil Company

- Geothermal Development, Master Plan, Feasibility Study
- Natural Gas Development

(4) Will you kindly introduce us the Consultant who is now in engagement of ADB assistance?

表 5.3-2 追加質問状 (7): World Bank

TO : World Bank

From : JICA Baseline Survey Team

Date : August 22, 2000

Subject : Additional Questionnaires

In Addition to our pre- questionnaires, will you kindly response for our following questionnaires?

(1) WB T/A concerning the Power Sector Reform

DOE and NEDA forecast at the moment that the Omnibus Electricity Bill will be imposed in October in 2000. After the privatization of NPC, what a kind of T/A will be required? Will you kindly inform us of your thinking for this matter?

(2) WB T/A concerning the Rural Electrification

In the meeting with DOE, we found out that WB contributed to Rural Electrification Program as mentioned below. Will you kindly inform us of your intention/purpose of the each assistance briefly?

(a) Implementation of Market Assessment on Rural Electrification

(b) Energy Resources Assessment and Technology Screening

(c) NEA Investment Management Contracts

(d) Pre-investment Studies

(e) Project Integration for WB-financed off-grid Electrification Project using NRE

According to our understanding, DOE-NPC conducts the rural electrification through the non-connected barangays, renewable energy and not viable electrification financially. On the other hand, NEA-RECs conducts the rural electrification through connected barangays. Will you kindly inform us of your thinking that which methodology will WB focus on or assist mainly?

(3) T/A by JICA and JBIC

Will you kindly inform us of your thinking about the JICA-JBIC technical assistance in power sector in future (after privatization of NPC)?

表 5.3-2 追加質問状 (8) : ADB

TO : Asian Development Bank
From : JICA Baseline Survey Team
Date : August 22, 2000

Subject : Additional Questionnaires

In Addition to our pre- questionnaires, will you kindly response for our following questionnaires?

(1) ADB T/A concerning the Preparation of Power Sector Reform

We had the meeting with DOE on August 17, 2000, and found out that the ADB had conducted the many T/A as mentioned below. Will you kindly give us each one copy of the TOR.

- (a) Electricity Pricing and Regulatory Practice in a Competitive Environment
- (b) Consumer Impact Assessment
- (c) Phase 3 – Preparation of Software Program
- (d) Phase 4 – Purchase of Infrastructure Required for the Spot Market

The above T/As are for the preparation of reforms. DOE and NEDA forecast at the moment that the Omnibus Electricity Bill will be imposed in October in 2000. After the privatization of NPC, what a kind of T/A will be required? Will you kindly inform us of your thinking for this matters?

(2) ADB T/A concerning the Rural Electrification

In the same meeting with DOE, we also found out that ADB contributed to Rural Electrification Program as mentioned below. Will you kindly inform us of your intention/purpose of the each assistance briefly?

- (a) Training development program for the conduct of RE Projects
- (b) Functional instructions for RE and NRE
- (c) Sustainable development and poverty alleviation

- (d) Selection of most suitable ECs as anchors for accelerated electrification
- (e) Review of the plans of candidate ECs and their financial/economic validity
- (f) Identify other requirements (infrastructure, geographic, etc.) to complement electrification for successful development projects in rural areas
- (g) Formulation of barangay-level electrification cum livelihood projects

According to our understanding, DOE-NPC conducts the rural electrification through the non-connected barangays, renewable energy and not viable electrification financially. On the other hand, NEA-RECs conducts the rural electrification through connected barangays. Will you kindly inform us of your thinking that which methodology will ADB focus on or assist mainly?

表 5.3-2 追加質問状 (8): ADB

(3) T/A by JICA and JBIC

Will you kindly inform us of your thinking about the JICA-JBIC technical assistance in power sector in future (after privatization of NPC)?

表 5.3-2 追加質問状 (9) : ERB

TO :Energy Regulation Board (ERB)

FROM :JICA Baseline Survey Team

Date :August 24,2000

Subject : Questionnaires for ERB

1. Purpose of Baseline Survey on Power Sector

- To conduct a survey on the present status of the electric power sector in the Philippines
- To obtain the basic information for the formation of Japan's strategy of assistance of this sector with the focus on intellectual and institutional support

2. JICA Mission Composition

Mr. Akira Niwa, Leader, Senior Advisor, JICA (left for Vietnam on August 20, 2000)

Mr. Masayuki Nakagawa, Electric Power Survey, Japan Elec. Power Information Center

Mr. Takemasa Tamura, Electric Power Inst., NEWJEC Inc.

Mr. Seiichi Mino, Electric Power Dev't Planning , NEWJEC Inc.

Mr. Yasuharu Matsuda, Electric Power Enterprise Management, NEWJEC Inc.

3. Meeting Schedule

Please refer to attached Table.

4. Questionnaires

(1) According to our understanding, ERB has a right to approval/or determine the power tariffs. Will you kindly inform us to what extent your regulation covers or will cover?

(a) Present

- IPP to NPC
- IPP to RECs
- IPP to MERALCO (Distribution Company)
- IPP to End-user
- IPP to SPUG in NPC
- NPC to MERALCO (Distribution Company)
- SPUG to RECs

(b) After Power Sector Reforms (after privatization of NPC)

- IPP & Own Generation to Pool Market (PM)
- PM to Distribution Company
- IPP to RECs
- IPP to End-user
- IPP to SPUG

表 5.3-2 追加質問状 (9) : ERB

- SPUG to RECs

- (2) After privatization of NPC, GENCOs will provide the power supply to pool market mainly. In connection with market competitiveness of GENCOs, some GENCOs seems to be disadvantage in the pool market because the generation cost will be different each other which may be caused by the type of power facilities. Will any countermeasures be imposed to fill these differences?
- (3) After the omnibus bill becomes effective, we are informed that ERB will be changed to ERC (Energy Regulatory Board). In connection with this reformation, will your role in the power sector also change or not? If your role changes, could we have one copy of the text defining ERC's role and responsibility?
- (4) Even though the omnibus bill becomes effective onwards, the cap of system loss will be still kept in a certain power tariff.
- (5) Even though the omnibus bill becomes effective onwards, the price-setting base-rate basis cap will be still kept in a certain power tariff.

表 5.4-1 JICA 電力分野開発調査実績（フィリピン）

	案 件 名	予算年度	分野
1	マニラ市内火力発電所リハビリテーション計画調査	57	火力発電
2	カリラヤダム修復計画	61	その他
3	カガヤンバレイ地域配電計画調査	51～52	送配電
4	ディドヨン水力発電開発計画調査	53～55	水力発電
5	アゴス河水力発電開発計画調査	53～55	水力発電
6	ビサヤス地域電力系統拡張および連系計画調査	54～55	送配電
7	ルソン島超高压送電系統開発計画調査	55～56	送配電
8	レイテ送電線計画調査	55～56	送配電
9	アルコガスプロジェクト（アルコール工場建設）	55～57	新・再生エネルギー
10	低圧ガス開発計画調査	56～57	ガス・石炭・石油
11	マツノ川開発計画調査	56～58	水力発電
12	レイテ・ミンダナオ送電線開発計画調査	57～58	送配電
13	アクバン・イトゴン地熱開発計画調査	57～60	新・再生エネルギー
14	地サンロケ多目的ダム（水質予測）開発計画調査	58～60	その他
15	プラントリノバージョン（ルソン島送電網）計画	59～60	送配電
16	ルソン島包蔵水力調査	59～62	水力発電
17	アンブクラオダム修復計画調査	60～62	水力発電
18	カラカ石炭火力発電所第一号機改善計画調査	61～62	火力発電
19	石炭鉱業技術開発調査	62～63	ガス・石炭・石油
20	アンガットダム修復計画調査	62～63	水力発電
21	ビンガダム修復計画調査	62～63	水力発電
22	石炭火力発電開発計画調査	63～1	火力発電
23	ルソン系統電力設備修復・維持管理改善計画	H3～4	エネルギー一般
24	マラヤ発電所信頼度向上計画調査	H5～6	火力発電
25	送電線運営管理移転計画	H8～9	送配電

表5.5-1

国名:フィリピン 国土面積:298,170平方km 発電設備:8,533MW(98年末) 電源構成:水力26.2%,石油火力15.3%,石油火力30.4%,ガスタービン&C/C 13.9%,地熱14.2% (註:NPPC分) 電力知的支援メニュー		関係機関:エネルギー省(DOE),エネルギー規制委員会(ERB),国家電化庁(NEA),フィリピン電力公社(NPO),電化共同組合(RECs) 人口:79.0百万人(99年) GDP:651億ドル(98年) 都市人口:マニラ(1,020万人) 最大電力:6,350 MW(97年) 総発電容量:291億KWh(98年) 一人当たりGDP:870ドル(98年)		電化共同組合(RECs)	
区分	評価	項目	現状と課題点	知的支援展開の可能性と方法	
電力行政		電気事業法及び組織改革に関する調査分析提言 民間資金導入に関する調査分析提言	ASEAN3カ国の電気料金水準(1995)を比較するとフィリピンは11.9¢/kWh、タイ18.4¢、インドネシア7.0¢と最も高い。にも拘らず、98年度36億ペソの経常赤字を計上し(97年度は31億ペソの黒字)、RORE(Return on Rate Base)もWB/ADB指導の8%を下回る3.2%となっている。現在審議中の電力改革法案(オムニバス電力法案)では電気料金の引き下げのインセンティブが考えられているが、引き下げに耐えられる財務体質があるか疑問。		
会社経営	○	電力会社の経営財務会計制度に関する調査分析提言 電気料金の設定に関する調査分析提言	ルソン、ウガヤ、ミンダナオ各地域内の主要送電線工事が進行中。ワイガヤ、ミンダナオ間の連係線は2004年に完成予定。これが完成すると主要3地区間の連係運用が可能となる。これらの送電網完成以降の中期的送電網の整備は各地区の電力需要予測とこれに対する供給力の位置を考慮したものにすることが必要である。	発電コストの比較分析など、補填の必要があるものが有れば、提案(特に燃料転換による発電コストの削減効果など)	
最適化計画	○	電源開発に関する長期計画策定に関する調査分析提言 送電線設備開発長期計画策定に関する調査分析提言 需要の分析と需要予測に関する調査分析提言 資源を考慮した電源のベストミックスに関する調査分析提言 事故率等供給信頼度に関する調査分析提言 系統運用費用の分析評価手法の策定		電力供給長期計画に基づく任意時点の潮流シミュレーションを行ない、適切な送電網投入計画に資する。	
火力発電技術		火力発電所燃料の最適配分に関する調査分析提言 原油ガス等火力燃料原産地の国際的環境を考慮した情勢分析 火力発電所の効率向上に関する調査分析提言 火力発電所の公害防止に関する調査分析提言 火力発電所の安全基準と維持管理基準の策定 火力発電所の安全基準と維持管理基準の策定			
水力発電技術	○	河川水力の算定と電源開発に及ぼす影響 水系一貫水力発電所開発計画の策定 水力発電所の安全基準と維持管理基準の策定 水力発電所の環境基準の策定 河川法を中心とした河川管理の概念に関する基準の策定 資源三法を取り扱った利益地元還元概念 多目的ダムの取扱いに関する基準の策定 河川測水記録の整備に関する計画の策定 揚水発電所の系統における役割分析 出水時等非常の場合における状況判断基準の策定	フィリピンでは従来の水力がIPPの体勢を占めていたが、水力によるIPP参入が始まっている。水力開発は対象河川流域全体と深い関係を持つので河川の一元的管理体制が必要となり個々の対象IPP地点をその河川全体の開発・管理の視点から検証することが求められる。	現在計画されている水力開発地点について、対象河川全体の環境、社会的影響について検討支援 既に開発が進んでいる河川については開発前後の水利用、洪水現象、堆砂面等の面からの検討支援	
設備維持管理	○	送電線の安全基準と維持管理基準の策定 給電指令システムの高度化に関する調査分析提言 全系統崩壊を防ぐための保護制御方式の検討 既設発電所設備のリハビリ、アップグレード、アップグレード、アップグレード	出水予測は高度の技術を要する。出水が異常に大きいことを事前に予測し、関係者に通知することは、災害防止上重要なことである。同国における現状を探りたい。	① 現国は老朽設備の計画的補修・改修により安価な電力を産み出してきており、この補修・改修技術を同国に付与し一つの事業化を図る。 ② 今まで実施された個々の送配電施設維持管理マニュアルを基に全体に適用する維持管理基準の整備案を提案する。 ③ 現在の最新の通信施設を駆使した給電指令システムの高度化方針について検討提案を行なう。	
地方電化	○	再生可能エネルギーによる地方電化マスタープラン策定 地方電化事業化体制(O&M、制度・組織、財政)レビュー・策定 発電機器の性能向上・コストダウン推進 定着化支援	送電網の未整備地区の電化は送電線を伸延してまでの電化は高コストとなるため運賃として運んでいない。NEA管理下のRECsは非常利団体のため、経営的に自立しておらず、結果的に地方電化が遅々として進まない状況にある。JBICがSAPE資金で日本の公認会計士を現地に派遣し、経営改善提言を行なったが、その後の経緯が不明である。	① 水、水力、太陽光、風力というクリーンエネルギーの分散型電源による地方電化マスタープラン作成はこれまで知見も有り可能である。JBICがRECsに対して行った経営改善提言がその後どう活かされているか、状況を調査し、補完支援策があれば提言する。	
人材養成		個別専門家派遣、研修受入れによる発電送電設備の計画・修復・維持管理支援			
新エネルギー		新エネルギー関連推進政策の策定支援 CO2削減等地球環境問題アクションプラン推進 策定			