



# **Contributing to poverty Alleviation through Regional Energy Planning in Indonesia (CAREPI)**

Deliverable No. D10: A Guide for setting up a Regional  
Energy Forum

**Saleh Abdurrahman (DICEMR)**

**Oetomo Tri Winarno (ITB)**

**Koen Smekens (ECN)**

Intelligent Energy – Europe , COOPENER action  
[www.carepi.info](http://www.carepi.info)

## Acknowledgement

This report is deliverable No. 10 of the COOPENER project ‘Contributing to poverty Alleviation through Regional Energy Planning in Indonesia(CAREPI)’. The CAREPI project aims to develop institutional and technical capacity in selected regions in Indonesia for conducting energy policy analysis and providing improved energy services to poor communities, in order to alleviate poverty and contribute to sustainable development. The Terms of References for the regional energy forum presented in this report can be used as a guideline for the establishment of energy forums in the other regions not covered by CAREPI.

The CAREPI project is partly funded the European Commission and implemented by the Energy research Centre of the Netherlands (ECN) together with Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ) GmbH, Germany, Entec Consultancy & Engineering, Switzerland, and five organisations from Indonesia: Data and Information centre of the Ministry of Energy and Mineral Resources (DICEMR), Institute for Research and Community Empowerment of the Institute of Technology of Bandung (LPPM – ITB), Center for Regional Energy Management of the Muhammadiyah University of Yogyakarta (PUSPER – UMY), Electric Engineering Department, University of Sumatra Utara (DTE – USU), and Engineering Faculty of University of Mataram (FT – UNRAM). The project is registered under ECN project number 77804.

The sole responsibility for the content of this report lies with the authors. It does not represent the opinion of the European Communities. The European Commission is not responsible for any use that may be made of the information contained therein.

## Abstract

This report presents an overview of the background that should lead to the establishment of the Regional Energy Forums in the four regions selected by the CAREPI project. These terms of reference can be used as a guideline for the establishment of similar forums in other regions in Indonesia.

## Contents

1.	Background	4
2.	Institutional set up	4
3.	Structure of the Regional Energy Forum	5
4.	Scope of activities and responsibilities	5
5.	Specific expectations for a Regional Energy Forum	6
Appendix A	Example of Regional Energy Forum Membership	7

## 1. Background

On 25<sup>th</sup> January 2006, the Government of Indonesia launched a Government Regulation Number 5 Year 2006 regarding the National Energy Policy (NEP). NEP is aimed to give direction on measures to secure energy supply in the long term, especially through energy conservation and energy diversification measures. For the energy diversification measures, NEP targets to realize energy consumption by shifting from crude oil from 52% in 2005 to 20% of the total primary energy mix by 2025, by substituting it by coal, natural gas, geothermal, bio-fuels, and other renewable energies.

For attaining the NEP's target, it needs an inter-regional, inter-sectoral, and inter-institutional integrated energy planning. In accordance with that, the Ministry of Energy and Mineral Resources, through the Data and Information Center (DICEMR), has encouraged the establishment of a Regional Energy Forum, that is a forum for discussing regional energy issues and regional energy planning. Through the Regional Energy Forums, it is hoped that formulating an integrated and coordinated energy planning between one region and the others and between central government and regional government can be realized.

## 2. Institutional set up

The Regional Energy Forum is the highest institution in a region that has functions for policy formulation, program formulation, and coordination for the implementation of energy development and energy utilization in the respective region. On the national level, the energy forum is called BAKOREN (The Body for Coordination on National Energy), that is established by Presidential Decree Number 23 Year 2000. But after the new Law 30/2007 was passed, BAKOREN was replaced by the National Energy Council. Under the Law 30/2007, the National Energy Council has the function to formulate national energy policy to be decided by Government and approved by the Parliament, to decide on national energy general plan, to decide on ways to mitigate energy emergency and crisis situations, and to supervise implementation of cross-sectoral energy policy.

Under the newly passed Law 30/2007 on energy management, energy diversification and energy conservation, Central and Regional Government have an obligation to increase supply and utilization of new energy and renewable energy, in their scope of authority. Under the same law, projects on energy supply from new energy and renewable energy resources that are carried out by corporate and private may gain facilities and/or incentives from Central Government and/or Regional Government in their scope of authorizations for a specific period of time until it meets its economical value

The establishment of a Regional Energy Forum can be officially decreed by a Governor Decree (on national level, it is decreed by Presidential Decree). The membership of a Regional Energy Forum is more policy and decision making oriented with as members among others Heads or high level officers of Regional Offices (Dinas) who have responsibility related with energy supply and energy utilization, as well as stakeholders from other groups in society (industry, commerce, research and education, communities)..

The Regional Energy Technical Team is a part of the Regional Energy Forum. The membership of a Regional Energy Technical Team is more technical, with the members being chosen based on their technical capability. Establishment of a Regional Energy Technical Team can be decreed by the Head of the Regional Energy Forum for a certain period.

### 3. Structure of the Regional Energy Forum

The members of Regional Energy Forum are representatives from various governmental departments, institutes and organizations involved in or affected by the regional energy policy decision making.

The description of a Regional Energy Forum membership can be as follows.

Chairman:

Head of the Regional Energy Office

Vice Chairman:

Representative from Regional Government

Members:

- Representative from Regional Industry Office
- Representative from Regional Transportation Office
- Representative from Regional Bureau of Economy
- Representative from Regional Environmental Office
- Representative from Regional Body of Development and Planning
- Representative from Regional Body of Investment Coordination
- Representative from Regional Body of Statistic
- Representative from Regional Body of Research and Development
- Representative from energy companies (PT. PLN, PT. Pertamina, PT. PGN, etc.)
- Representative from association of energy supplier (Hiswana Migas/Oil fuel Supplier, Micro hydro Association, etc.)
- Representative from association of consumer (Asosiasi Pertekstilan Indonesia/Textile Industry, Perhimpunan Hotel dan Restoran Indonesia/Hotel and Restaurant, etc.)
- Representative from association of profession (Ikatan Ahli Teknik Kelistrikan Indonesia/Electricity Expert, Asosiasi Kontraktor Listrik Indonesia/Electricity Contractor, etc.)
- Representative of branch organisations of industries
- Representative of branch organisations of commercial and service companies
- Representative of academic and research institutions
- Representative of local community organisations
- Representative from non governmental organization (Wahana Lingkungan Hidup/General Environment, Jaringan Tambang/Mining Environment, Yayasan Lembaga Konsumen Indonesia/Consumer Institute, etc.)

### 4. Scope of activities and responsibilities

The Regional Energy Forum has a responsibility to discuss and advise the regional government on energy and energy policy related issues. These issues can be on an informative level (e.g. regional energy profile) or on an implementation level (energy subsidies, renewable energy projects approval and support, sectoral policies and measures, research and development). Some of the supporting material will be analyzed and prepared by the Regional Energy Technical Team. The Team could also take care of impact assessment of planned policies and measures.

The scope of work of the Regional Energy Forum will consist of the following in implementing the national energy plan as laid out by the MEMR:

- Synergize the regional energy management policy with the national energy planning
- Develop regional energy programs corresponding to the national energy policy and strategy, for instance:

- Support national program for accelerating the development of biofuel:
- Implement acceleration program to substitute oil by other energy alternative sources
- Perform energy efficiency improvement programs
- Facilitate the establishment of creative partnership between society and private investments
- Facilitate availability of financial mechanisms for energy projects
- Enhance the reaching out program on energy
- Coordinate stakeholders in formulating Regional Electricity General Policy
- Provide recommendation to local governments on energy development and utilisation
- Formulate integrated regional energy development and utilisation policy and programme
- Coordinate energy programme and policy which is to be implemented by related institutions

Furthermore, the Regional Energy Forum should interact with the Regional Technical Team on:

- Formulate draft of regional energy planning to be analysed by the Regional Energy Forum.
- Formulate draft of energy development priority and energy resources utilization priority to be analysed by the Regional Energy Forum.
- Formulate draft of regulation and supervision guidance on the implementation of energy utilization development program to be assessed by the Regional Energy Forum.
- Initiate and maintain a procedure to be able to provide continuous (financial) support for the Regional Technical Teams as well as to safeguard the own Regional Energy Forum.
- Ensure continuous collaboration between its member-representatives from the different member organizations and institutions.

## 5. Specific expectations for a Regional Energy Forum

The Regional Energy Forum should act as a “think tank” in which the members find the ideal platform :

- To provide individual opinion, and sector data and information needed in energy development scenarios in the future
- To discuss actual issues and provide input and assumptions to a supporting energy model
- To discuss scenario objectives and implications
- To provide recommendations on energy scenarios to be analysed
- To provide various new ideas or breakthroughs

The outcome of these open and interactive discussions and exchanges should enhance the capacity of the Forum on and their awareness of the importance of :

- Common and comprehensive perception to problems and possibilities of regional energy development in the future
- Regional energy development projection and scenario agreement and policy, strategy and programs to implement this.

## Appendix A Example of Regional Energy Forum Membership



### **GUBERNUR NUSA TENGGARA BARAT**

KEPUTUSAN GUBERNUR NUSA TENGGARA BARAT  
NOMOR 166 TAHUN 2006

TENTANG

**PEMBENTUKAN FORUM KOMUNIKASI ENERGI DAERAH  
(FORKENDA) PROVINSI NUSA TENGGARA BARAT  
TAHUN ANGGARAN 2006**

GUBERNUR NUSA TENGGARA BARAT

- Menimbang :
- a. bahwa dengan banyaknya permasalahan keenergian di Provinsi Nusa Tenggara Barat, perlu dibentuk Forum Komunikasi Energi Daerah (FORKENDA) sebagai media informasi dan komunikasi untuk mencari solusi yang terbaik sebagai alternatif pemecahan masalah;
  - b. bahwa berdasarkan pertimbangan pada huruf a perlu menetapkan Keputusan Gubernur tentang Pembentukan Forum Komunikasi Energi Daerah (FORKENDA) Provinsi Nusa Tenggara Barat, Tahun Anggaran 2006;
- Mengingat :
1. Undang-undang Nomor 64 Tahun 1958 tentang Pembentukan Daerah-daerah Tingkat I Bali, Nusa Tenggara Barat dan Nusa Tenggara Timur;
  2. Undang-undang Nomor 15 Tahun 1985 tentang Ketenagalistrikan;
  3. Undang-undang Nomor 8 Tahun 1999 tentang Perlindungan Konsumen;
  4. Undang-undang Nomor 10 Tahun 2004 tentang Pembentukan Peraturan Perundang-undangan;
  5. Undang-undang Nomor 32 Tahun 2004 tentang Pemerintahan Daerah;
  6. Undang-undang Nomor 33 Tahun 2004 tentang Perimbangan Keuangan Antara Pemerintah Pusat dan Pemerintahan Daerah;
  7. Peraturan Pemerintah Nomor 6 Tahun 1988 tentang Koordinasi Kegiatan Instansi Vertikal di Daerah;
  8. Peraturan Pemerintah Nomor 25 Tahun 2000 tentang Kewenangan Pemerintah dan Kewenangan Provinsi Sebagai Daerah Otonom;
  9. Peraturan Pemerintah Nomor 3 Tahun 2005 tentang Perubahan atas Peraturan Pemerintah Nomor 10 Tahun 1989 tentang Penyediaan dan Pemanfaatan Tenaga Listrik;
  10. Peraturan Pemerintah Nomor 58 Tahun 2005 tentang Pengelolaan Keuangan Daerah;
  11. Peraturan Pemerintah Nomor 79 Tahun 2005 tentang Pedoman Pembinaan dan Pengawasan Penyelenggaraan Pemerintahan Daerah;

12. Keputusan Presiden Nomor 37 Tahun 1992 tentang Usaha Penyediaan Tenaga Listrik oleh Swasta;
13. Peraturan Daerah Provinsi Nusa Tenggara Barat Nomor 11 Tahun 2000 tentang Pembentukan Kedudukan, Tugas, Fungsi, Susunan Organisasi dan Tatakerja Dinas-dinas Daerah Provinsi Nusa Tenggara Barat;
14. Peraturan Daerah Provinsi Nusa Tenggara Barat Nomor 7 Tahun 2003 tentang Rencana Strategis Daerah Nusa Tenggara Barat Tahun 2003-2008;
15. Peraturan Daerah Provinsi Nusa Tenggara Barat Nomor 1 Tahun 2006 tentang Anggaran Pendapatan dan Belanja Daerah Provinsi Nusa Tenggara Barat Tahun Anggaran 2006;

MEMUTUSKAN :

- Menetapkan :
- KESATU : Membentuk Forum Komunikasi Energi Daerah (FORKENDA) Provinsi Nusa Tenggara Barat Tahun Anggaran 2006 dengan susunan keanggotaan sebagaimana tercantum dalam Lampiran Keputusan ini.
- KEDUA : Tugas Forum sebagaimana dimaksud Diktum KESATU adalah :
- a. sebagai media komunikasi dan kerjasama antar pelaku energi;
  - b. mencari pola penyediaan energi dan listrik dengan harga yang layak;
  - c. mencari solusi pemecahan masalah keenergian;
  - d. melakukan sosialisasi yang berhubungan dengan keenergian;
  - e. melaporkan hasil pelaksanaan tugas kepada Gubernur Nusa Tenggara Barat.
- KETIGA : Untuk kelancaran tugas Forum sebagaimana dimaksud Diktum KESATU dibentuk Tim Teknis Forum Komunikasi Energi Daerah (FORKENDA) Provinsi Nusa Tenggara Barat yang ditetapkan dengan Keputusan Kepala Dinas Pertambangan dan Energi Provinsi Nusa Tenggara Barat.
- KEEMPAT : Segala biaya yang dikeluarkan sebagai akibat ditetapkannya Keputusan ini dibebankan melalui Dokumen Anggaran Satuan Kerja (DASK) Dinas Pertambangan dan Energi Provinsi Nusa Tenggara Barat Tahun Anggaran 2006 Kode Rekening 2.04.01.2.1.01.02.2
- KELIMA : Keputusan ini mulai berlaku sejak tanggal 1 Januari 2006.

Ditetapkan di Mataram  
pada tanggal 29 Mei 2006

GUBERNUR NUSA TENGGARA BARAT



H. LALU SERINATA

TEMBUSAN disampaikan kepada Yth :

1. Menteri Dalam Negeri di Jakarta;
2. Ketua DPRD Prov. NTB di Mataram;
3. Kepala Badan Pengawasan Daerah Prov. NTB di Mataram ;
4. Kepala Biro Keuangan Setda Prov. NTB di Mataram;
5. Masing-masing yang bersangkutan untuk salinan dan ...

LAMPIRAN KEPUTUSAN GUBERNUR NUSA TENGGARA BARAT  
 NOMOR 166 TAHUN 2006  
 TANGGAL 29 Mei 2006

**FORUM KOMUNIKASI ENERGI DAERAH  
 (FORKENDA) PROVINSI NUSA TENGGARA BARAT**

NO	JABATAN/INSTANSI	KEDUDUKAN DALAM FORUM	KET.
1.	Gubernur Nusa Tenggara Barat	Pembina	
2.	Wakil Gubernur Nusa Tenggara Barat	Pengarah	
3.	Sekretaris Daerah Provinsi NTB	Pengarah	
4.	Kepala Dinas Pertambangan dan Energi Prov. NTB	Ketua	
5.	Asisten Ekonomi dan Pembangunan Setda Provinsi NTB	Wakil Ketua I	
6.	Kepala Bappeda Provinsi NTB	Wakil Ketua II	
7.	Kepala Sub Dinas Mineral dan Energi pada Dinas Pertambangan dan Energi Provinsi NTB	Sekretaris	
8.	Kepala Seksi Pemberdayaan Sumberdaya pada Sub Dinas Mineral dan Energi Distamben Prov. NTB	Wakil Sekretaris	
9.	Kepala Bapedalda Provinsi NTB	Anggota	
10.	Kepala Dinas Perindag Provinsi NTB	Anggota	
11.	Kepala Dinas Koperasi dan UKM Provinsi NTB	Anggota	
12.	Kepala Badan Koordinasi Penanaman Modal Provinsi NTB	Anggota	
13.	General Manajer PT. PLN (Persero) Wilayah NTB	Anggota	
14.	Kepala Dinas Perkebunan Provinsi Nusa Tenggara Barat	Anggota	
15.	Kepala Biro Hukum Setda Provinsi NTB	Anggota	
16.	Kepala Biro Perekonomian Setda Provinsi NTB	Anggota	
17.	Wakil Kepala Dinas Pertambangan dan Energi Prov. NTB	Anggota	
18.	Kepala Bagian Humas pada Biro Umum Setda Prov. NTB	Anggota	
19.	Kepala Bidang PP II pada Bappeda Provinsi NTB	Anggota	
20.	Kepala Sub Dinas Program pada Distamben Provinsi NTB	Anggota	
21.	Kepala Seksi Pengembangan pada Sub Dinas Mineral dan Energi Distamben Provinsi NTB	Anggota	
22.	Kepala Pertamina UPPDN V Depot Ampenan	Anggota	
23.	Dekan Fakultas Teknik Universitas Mataram	Anggota	
24.	Ketua DPD AKLI Provinsi NTB	Anggota	
25.	Kasubbid Pertambangan dan Energi pada Bidang PP II Bappeda Provinsi NTB	Anggota	
26.	Ketua Yayasan Perlindungan Konsumen NTB	Anggota	
27.	Dr. Prayitno Basuki, MA, Universitas Mataram	Anggota	Pakar
28.	Lalu Satriawan Sahak, SH,SU, Universitas Mataram	Anggota	Dosen
29.	Staf Dinas Pertambangan dan Energi Provinsi NTB	Pembantu	4 (empat) Orang

GUBERNUR NUSA TENGGARA BARAT  
  
 H. LALU SERINATA