



# North Sumatera; best experiences joining nrg4SD

By:  
Government of North Sumatera Province

THE GOVERNMENT OF NORTH SUMATRA, INDONESIA





# Geographical Site



- Location** : 1°- 4° North Latitude and 98°-100° East Longitude  
International trading route,  
Asia Pacific Region
- Total Area** : 71,680 Square Kms
- **East Coast** : 24,949 Square kilometers
  - **Highland** : 26,414 Square kilometers
  - **West Coast** : 20,317 Square kilometers
- Population** : 11,9 Million people
- Population growth** : 1,20 % (1990-2000)
- Regencies** : 18
- Cities** : 7

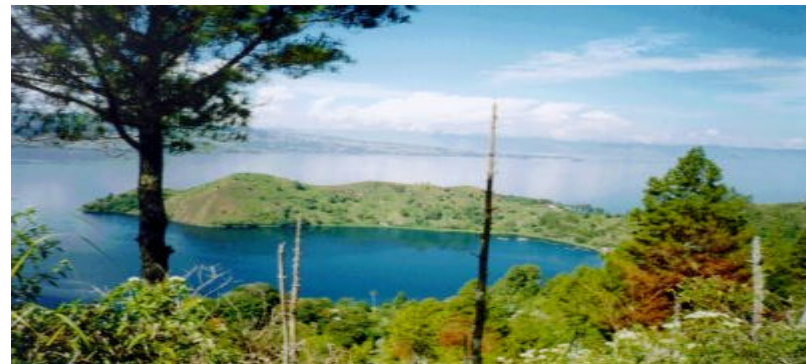


## North Sumatera Joint the Network

As a region that lean on its natural resources, North Sumatera Province should maintain the sustainability of natural resources until the next generation, as the concept of sustainable development.

As one of the development priorities, to *accelerate economic recovery, fostering sustainable development and equal rights, based on communal economic system*, North Sumatera Province has been joined the network of nrg4SD since March 2005 in the event which had held in three regencies of North Sumatera – Medan, Karo (Berastagi), and Parapat (Simalungun).

This event which called Lake Toba Summit is The 1<sup>st</sup> General Assembly of nrg4SD which establish **LAKE TOBA COMMUNIQUE**





# WHY nrg4SD

- International Network of Regional Governments for Sustainable Development
- The network promotes understanding, collaboration and partnerships in Sustainable Development and seeks greater international recognition of the Importance of the contribution which regions make to sustainable development
- The network aims to be a voice for and to represent regional governments globally, promoting sustainable development at regional level around the world.



# List of Official Members and Associations of Regions of nrg4SD

<b>REGIONAL GOVERNMENTS (24)</b>		
Andalusia (Spain)	Chaco (Argentina)	Reunion (France)
Aragon (Spain)	Flanders (Belgium)	Riau (Indonesia)
Azores (Portugal)	Galicia (Spain)	Santa Fe (Argentina)
Australian Capital Territory (Australia)	Goias (Brasil)	Sao Paolo (Brasil)
Basque Country (Spain)	Kaunas (Lithuania)	South Australia (Australia)
Brittany (France)	North Rhine Westphalia (Germany)	Tulcea (Romania)
Callao (Peru)	North Sumatera (Indonesia)	Tuscany (Italia)
Catalonia (Spain)	Poitou Charentes (France)	Victoria (Australia)
<b>ASSOCIATIONS OF REGIONAL GOVERNMENT (4)</b>		
ABEMA	Northern Forum	
CPMR	OLAGI	



# Benefits of nrg4SD Membership

- Share information and experience concerning sustainable development policies
- Identify and define best practice between Regional Governments from all over the world
- Benchmark work and validate approach to issues
- Make link with regions with common interest and experience, and facilitate bilateral and multilateral partnership working
- Further the international recognition of the contribution to sustainable development made by Regional Governments
- Promote sustainable development at the regional government level throughout the world
- Identify common issues and priorities for work



# The Activities of Secretariat nrg4SD of North Sumatera Province



## Participation In The International Agenda of Sustainable Development

- **Western Cape Sustainable Conference (June 2005)**
- **COP 11 in Quebec, Montreal Canada (November 2005)**
- **SC Meeting & General Assembly II in Brussel, Belgia (April 2006)**
- **COP-13 in Bali, Indonesia (December 2007)**





➤ **(June 2006), Socialization of Clean Development Mechanism (CDM) Program, in the Business Contact Workshop “CDM AS THE ENVIRONMENTAL SOLUTION AND BUSINESS OPPORTUNITIES”**



➤ **(August 2007) Workshop “ Lesson learned of Climate Change Impacts”** which held in Danau Toba International Hotel, Medan,



- (November 2007) North Sumatera with UNEP has working together to make the Workshop with 3 Focus Group Discussions in “*Changing The Community Paradigm in Climate Change*”.



## nrg4SD Campaign

- (October 2005) Mission Trip to Riau Province to Socialize the network of nrg4SD. Riau Province has been registered as the member on April 2006
- (August 2006) Mission Trip to Aceh Province to Socialize the network of nrg4SD.
- (May 2007) Mission Trip to Bali Province to Socialize the network of nrg4SD



# Signing MoU

THE GOVERNMENT OF NORTH SUMATRA, INDONESIA



➤ **Memorandum of Understanding agreed and signed between Municipality of Sibolga (North Sumatera Province) with AZTI (Research Institute for Fish Science and Technology of Basque, Spanyol) in the partnership project of “Marine Economic Development”**



➤ **Memorandum of Understanding agreed and signed with ACPET (The Australian Council For Private Education and Training) Australia in Scholarship Programm for university student in Nias Island and Aceh in the affected area of Tsunami and Earthquake Disaster.**





- **Letter of Intent agreed and signed with United Nation Human Settlement Program, UN-Habitat in context:**
  - to mobilized the international support for Nias island communities in the sustainable development concept;
  - to mobilized the international financial support for the reconstruction of anti resistant human settlement.
  
- **Working together to built the project proposal with North Rhine Westphalia, Jerman and UNDP in the project of “Intergrated Management of Coastal Ecosystem for the Rehabilitation and Conservation of the Mangroves of the East Coast of North Sumatera Province, Indonesia**
  
- **Propose a program cooperate with Arca Consulting, Italy for IEHD (Integrated Economic Human Development) in Nias island.**



# **Pilot project Between North Sumatera and Tuscany Region**

**(the Members of nrg4SD)**





## BACKGROUND :

In The Steering Committee of nrg4SD which held in Western Cape on June 20-22nd 2005, North Sumatra which is represented by **Prof. Syamsul Arifin, SH, MH, Ir. Budi Sinulingga MSc, and Ir. Hj. Nurlisa Ginting, M.Sc** gave a presentation about the condition of North Sumatra after Tsunami and earth quake in Aceh and Nias in order to get the support from nrg4SD members.

Moreover, the Steering Committee of nrg4SD decides to establish a taskforce team who had carried out 2 times field survey to Nias Island on 27-29 July 2005 and 30 September- 9 october 2005.





After the field mission of the task force team, Tuscany region, Italy as one of nrg4SD member proposed the cooperation with The Provincial of North Sumatra under the umbrella of The Environmental Impact Assessment Agency (BAPEDALDA) to submitted a proposal to **European Union on the Asia Pro Eco IIB programme on the name” Diffusion of Sustainable and Earthquake - resistant Building Techniques and Best Practices for the Reconstruction on Nias Island”** and get the award on 3th February 2006.





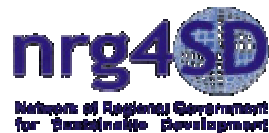
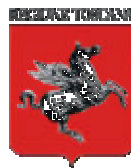
Memorandum of Understanding agreed and signed with Tuscany Region, Italy, in the reconstruction of Multifunction School in Hilina'a, Nias Regency project which is funded by European Union entitled "Diffusion of Sustainable and Earthquake – resistant building Techniques and Best Practices for the The Reconstruction on Nias Island"





## THE PARTNERS:

- ***The Regional Government Of Tuscany*** (applicant and management partner)
- ***The Provincial Government of North Sumatra under the umbrella of BAPEDALDA*** (management partner)
- ***ABITA*** (executing partner), as an organization specializing in sustainable constructions and bio-architecture.
- ***Medina - NGO*** (executing partner)
- ***Nrg4SD (Network of Regional Governments for Sustainable Development)***, participating in the project as associate institution.





### **LOCATION :**

Indonesia, Province of North Sumatera, Gunung Sitoli (Nias Island)

### **OBJECTIVES :**

- The identification of the technologies and practices which are most suitable for the sustainable reconstruction on Nias Island which imply the use of local materials and know-how, recycling, renewable energies and sustainable water management.
- The widespread diffusion and application of such knowledge through training of local workers and communities, training of trainers, communications and awareness campaign.





- The widespread application of such knowledge through the provision of technical support and trainees to the actors of the reconstruction process in Nias, be they Government agencies, NGOs, donor agencies or private individuals fostering advanced “capacity building” to local communities.
- The construction and operation of a model multipurpose centre to function as Primary School during daytime, and as a Vocational/Adult learning centre after school hours. The centre will also be equipped to function as a first-response emergency centre in case of new disasters, given the particular vulnerability of Nias Island. It will be built and equipped using eco-friendly, sustainable techniques, suitable for widespread utilization under the local conditions, and providing a permanent demonstration and training facility for the application of sustainable building technologies and best practices in Nias Island.





## **WORKPLAN :**

**Phase 1** - Mobilization, during which the project will be organized (1 Month)

**Phase 2** - Inception, during which the baseline technical studies, the architectural designs, and the production of teaching aids and baseline communications materials will take place (4 Months)

**Phase 3** - Construction of the Multi-functional Centre (12 Months)

**Phase 4** - Vocational training and outreach (23 Months)



## EXPECTED RESULT :

- Improved earthquake resistance building.
- Improved quality of housing and building.
- The people presently reconstruction wide use of local materials engaging in reconstruction with their own natural resources.
- The people are able to avoid the bottlenecks of importing materials and Construction Company.
- Reduce the cost of reconstruction.







**FOR FURTHER INFORMATION, PLEASE DO NOT HESITATE TO CONTACT:**

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**THANK YOU ...**



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