



# **“Potentials and Challenges in the Cordillera Administrative Region”**

**Regional Conference on Industry Roadmaps and AEC Game Plan:  
Roadmap Localization for Competitiveness**

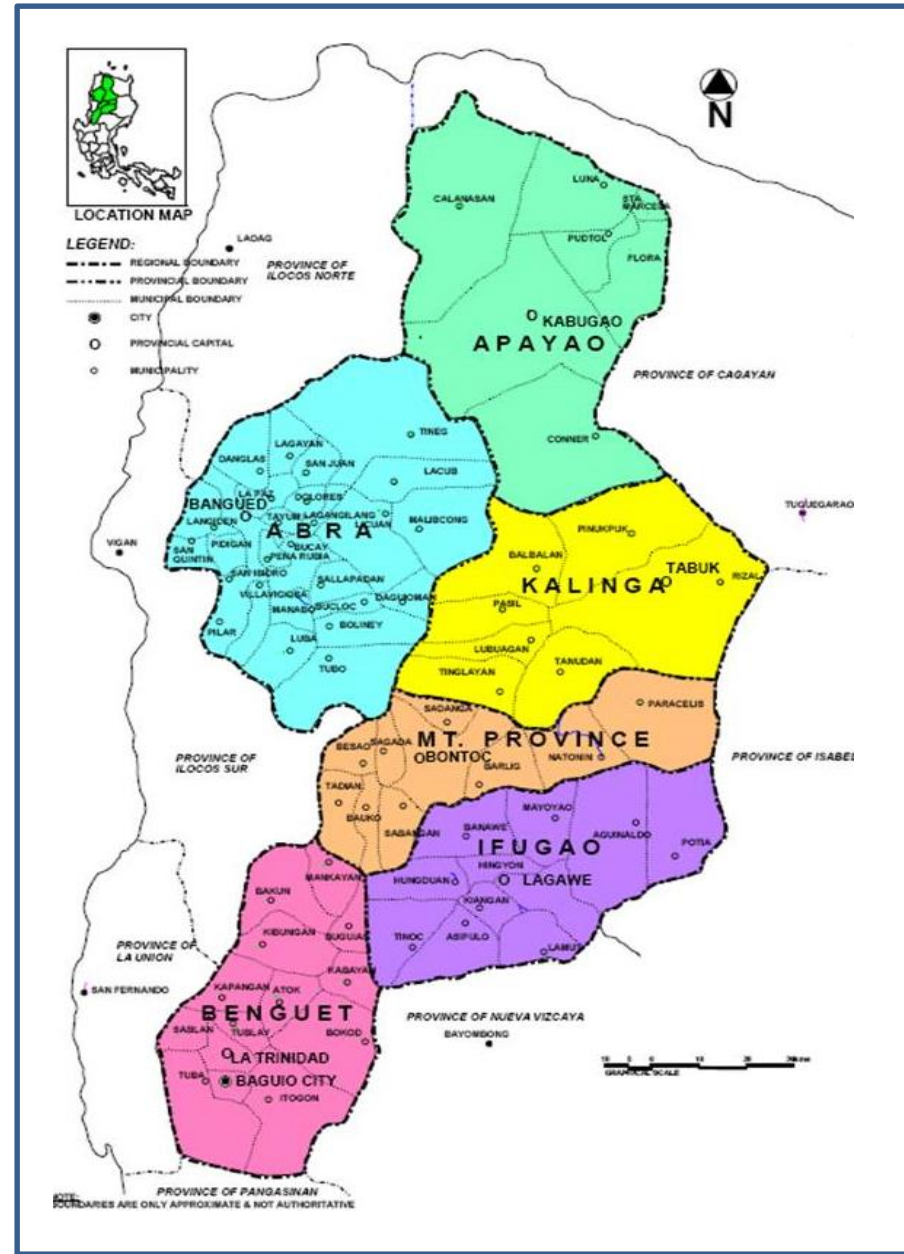
**DIR. MILAGROS A. RIMANDO  
NEDA-CAR**

**Baguio Country Club, Baguio City  
9:55am-10:10pm, May 28, 2015**



# LOCATIONAL CONTEXT

- ❑ landlocked mountainous region
- ❑ its physiographic character brings with it a cool climate
- ❑ 85% forestland
- ❑ More than one-third lies 1000 meters above sea level





# KEY DEVELOPMENT POTENTIALS

## 1. resource-based industry development

- Hydro power
- Wood industry
- Tourism

## 2. Crop production and agro- based industries

## 3. Technology and knowledge- based industries

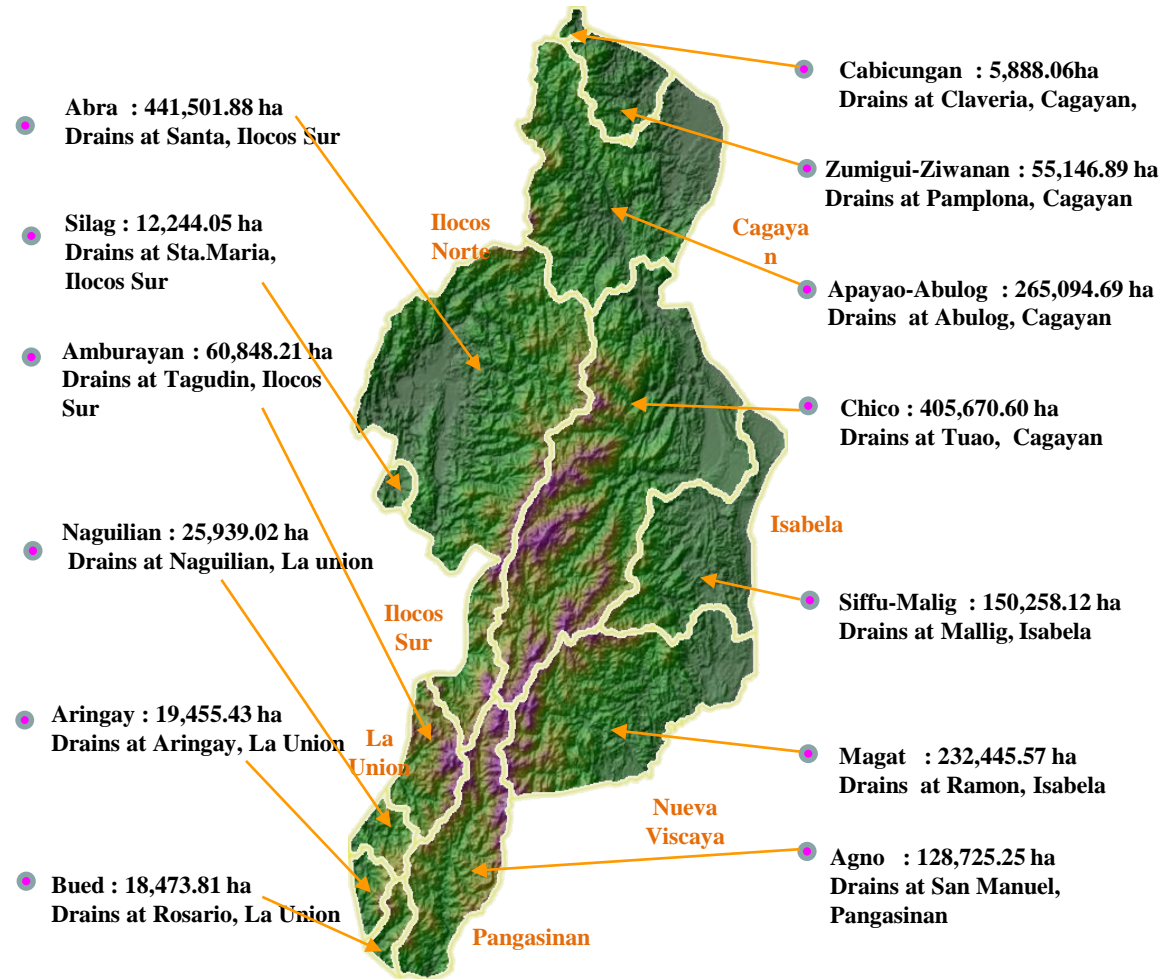
## 4. Education and manpower development



# KEY DEVELOPMENT POTENTIALS

## 1. resource-based industry development

host to 13 major river basins, hence referred to as the “Watershed Cradle of the North”





# KEY DEVELOPMENT POTENTIALS

- ❑ watershed resources such as timber and minor forest products are available for the wood industry and wood-based light industries
- ❑ scenic landscapes and rich biodiversity afforded by watersheds plus a unique cultural experience are tourism attractions





# KEY DEVELOPMENT POTENTIALS

- ❑ 13 major river basins with an estimated drainage area of 18,293 square kilometers suitable for water and energy exploration
- ❑ Total potential hydropower of 3,587 megawatts (27% national)
  - Cordillera Energy Master Plan



Ambuklao Dam





# KEY DEVELOPMENT POTENTIALS

## 2. Crop production and agro-based industries

- coffee (CAR OTOP)
- Cabbage, other temperate vegetables such as broccoli, cauliflower, carrots, potato, etc
- cutflowers
- Other high value organic vegetables (kale, red cabbage etc)
- Heirloom rice



Heirloom rice of the Philippine Cordillera

**Cordillera Coffee Development Plan completed**



# KEY DEVELOPMENT POTENTIALS

## 3. Technology and Knowledge-Based Industries

- Baguio consistently in Top Ten Next Wave cities
- Baguio among 100 global **outsourcing** destinations
- continued operation and possible expansion of the Baguio Ecozone (**electronics** & machinery)
- developing **metals industry** (aerospace and agri-industrial manufacturing technology)





# KEY DEVELOPMENT POTENTIALS

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## 4. Education and manpower development

- CAR as a prime education center in North Luzon with quality higher education institutions and technical/vocational institutions **(Cordillera Education Master Plan)**



# SOME MAJOR CHALLENGES

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- Physical Access**
- Vulnerability to Weather-Related Disasters and Effects of Climate Change**
- Protecting the environment, the base of a mountain economy**
- Increasing production/improving**
- Developing MSMEs/upgrading their capacities and integrating them into the production chain**



# SOME MAJOR CHALLENGES

## ❑ Physical Access.

- ❑ Regional road system still a concern with 62.75% of total national roads paved (December 2014, DPWH)
- ❑ Baguio Airport is functional but awaiting commercial operations



- *Not fully operational*
- *Absence of commercial flights*
- *Poor visibility conditions*
- *Inadequate navigational aids*
- *Runway crossed by people, vehicles and animals*



# SOME MAJOR CHALLENGES

- ❑ **Vulnerability to Weather-Related Disasters and Effects of Climate Change** e.g., steep slopes (about 90%) renders the region more prone to rain-induced landslides; frost...

Formulation of **Cordillera Agri-Resiliency Plan** ongoing



**FROST on Benguet veggies**







# MAJOR CHALLENGES

- ❑ **Protecting the environment, the base of a mountain economy** - encroaching into the forest areas, timber poaching, etc. that cause biodiversity loss, devalues tourism sites, and affects resource-based livelihood activities, among others

**Cordillera Declaration of Principles for Environmental Governance (DPEG) completed**



“Rotting vegetables and assorted garbage dumped by vegetable farmers in the Mt. Data watershed”. DEXTER SEE





# SOME MAJOR CHALLENGES

- ❑ **Increasing production/improving productivity** viz. production technologies appropriate to the regional context, e.g., small farm sizes, mountain terrain, dispersed settlements, etc.



**Vegetable terraces in Benguet**



**Manual coffee sorting in Kalinga** 14



# MAJOR CHALLENGES

- **Developing MSMEs/upgrading their capacities and integrating them into the production chain**



**bamboo furniture making, Abra**



**pottery, Mt. Prov.**



**coffee processing, Kalinga**



**wood carving,  
Ifugao**

**weaving, Mt.  
Prov**





**Thank you!**



<http://car.neda.gov.ph>