

*Cambodian Young Engineer (CYE)  
Country Report*



**ASEAN FEDERATION OF ENGINEERING  
ORGANIZATION : CAFEO-33<sup>rd</sup>**

**Penang, Malaysia**

By

**LY Sovannarith**

President of CYE, Cambodia

Deputy Director General (Laboratory of the Board Engineers Cambodia)



November 22-26, 2015



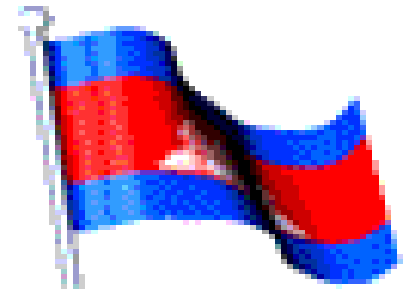
# ***Contents***

- I. General Information***
- II. Brief Profile of CYE***
- III. CYE's Activities 2014-2015***
- IV. Challenges and Opportunities***
- V. Proposed Resolution***



# I. General Information

- Area : 181,035sq-Km
- Population 15.56M
- Total GDP (2014) 15,67 Billion USD
- GDP/Capital(2014) 1,111 USD
- GDP Growth (2014) 7.24%
- Exchange Rate 4,100 Riel/1\$USD
- Number of Engineers 20,500



Flag of Cambodia



Map of Cambodia



## **II. Brief Profile of CYE**

### **1- Background :**

- ❑ **BEC was established in September 2009 (Governmental Institution)**
- ❑ **Number of member : 1,906**
- ❑ **CYE's members : 309**
- ❑ **BEC's Website : <http://www.bec.gov.kh>**
- ❑ **Email : [office@bec.gov.kh](mailto:office@bec.gov.kh)**



## ***II. Brief Profile of CYE***

---

### **2. Vision :**

**To collect young national engineers by mean of registration and upgrade professional qualifications to an internationally standard.**



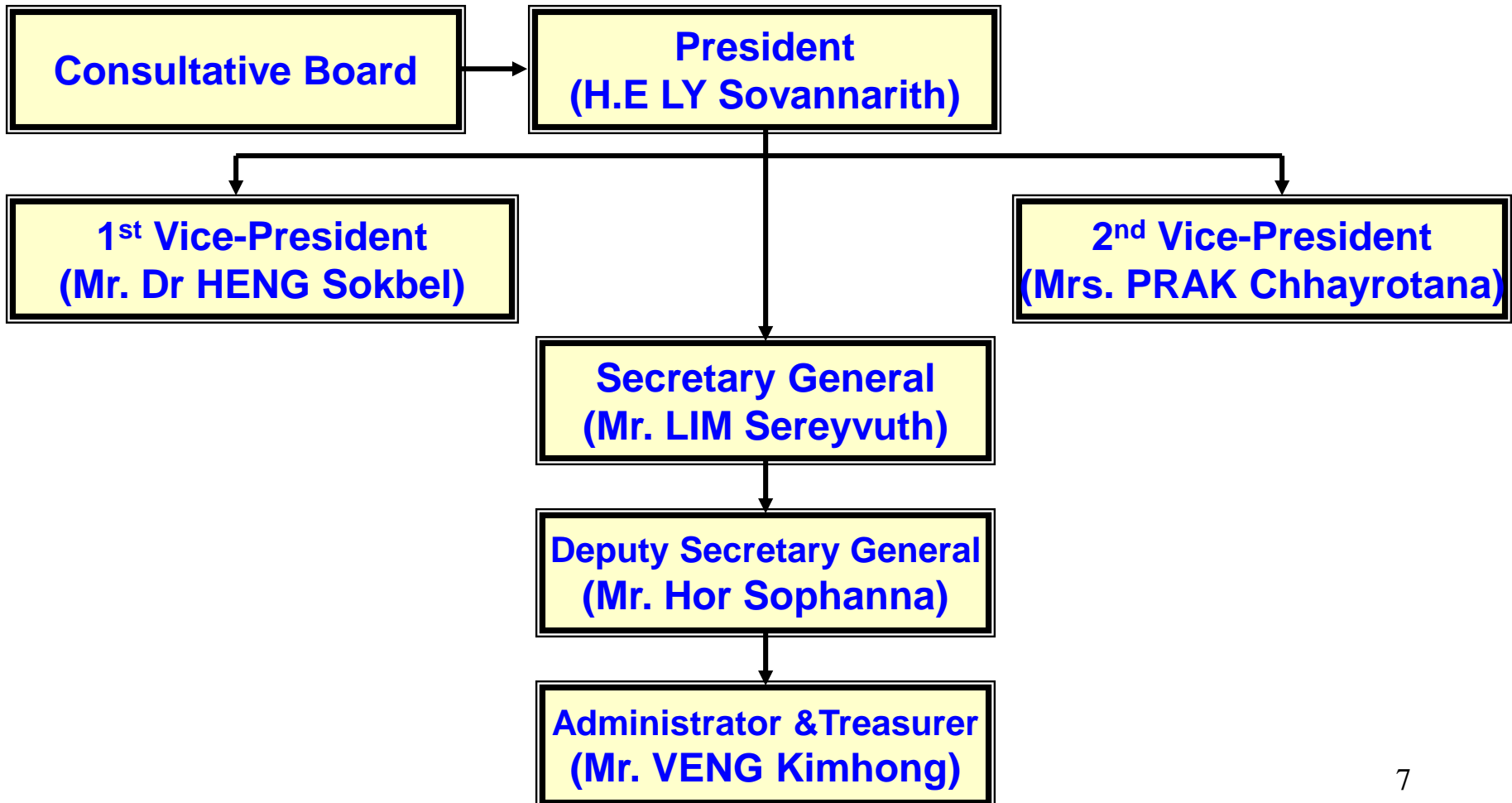
## **II. Brief Profile of CYE**

### **3- Mission :**

- ❑ **To group and unify young national engineering human resources;**
- ❑ **To promote and adopt advance professional engineering practices in the Kingdom;**
- ❑ **To promote and adopt the professional code of conduct and ethics;**
- ❑ **To strengthen and expand cooperation and relationship among young engineers at national and international level and as well as ASEAN region.**

## II. Brief Profile of CYE

### 4. Organizational Structure of CYE





## **III. YEC's Activities 2014-2015**

---

### **1. International Activities :**

- **Participated in 21<sup>st</sup> YEA FEO Governing Board Meeting in Yangon, Myanmar, November 2014.**
- **Attended ASEAN Service Providers Confederation (ASPC) Inaugural Meeting in Kuala Lumpur, Malaysia, September 2015**





## **III. YEC's Activities 2014-2015**

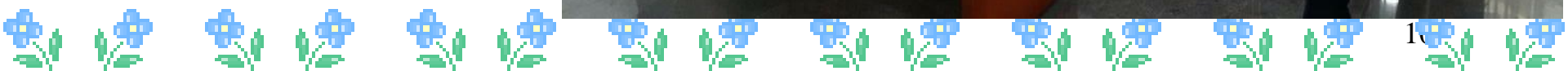
### **2. Local Activities :**

#### **Organizing the following seminars:**

- **The Role of Testing Reinforced Concrete Structures, Ready Mixed Concrete Production and Application, 24<sup>th</sup> March, 2015.**
- **Soil Investigation and Geotechnical Instrumentation on Civil Engineering, Applications and Calibration, 26<sup>th</sup> May, 2015.**
- **Cable Safety for a Safer Tomorrow, 29<sup>th</sup> July, 2015**
- **Structural Investigation and Non-Destructive Test for Concrete and Steel, 04<sup>th</sup> November, 2015.**



# Cambodian Young Engineer (CYE)







# Cambodian Young Engineer (CYE)







# Cambodian Young Engineer (CYE)







# Cambodian Young Engineer (CYE)

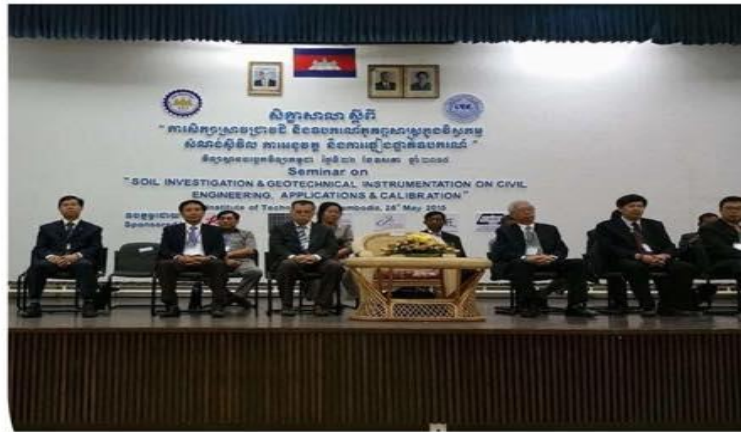




# Cambodian Young Engineer (CYE)



## វិទ្យាស្ថានបច្ចេកវិទ្យាកម្ពុជា



*26 May 2015*





# Cambodian Young Engineer (CYE)





## ***IV. Challenges and Opportunities***

### **1. Challenges :**

- **BEC was started from zero after the civil war;**
- **Qualification and experience of the majority of national engineers does not meet the requirement of industry;**
- **High competition for Cambodia young engineers with others ASEAN engineers in upcoming ASEAN integration;**
- **Little awareness of new business opportunity and its implication.**





## **III. Challenges and Opportunities**

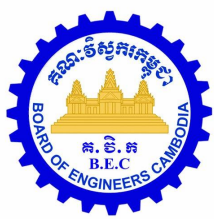
### **2. Opportunities:**

- **CYE is supported by BEC under the Royal Government of Cambodia;**
- **Political stability and economic growth;**
- **Construction Industry is booming : Demand of local engineers is increasing from time to time**
- **Greater chance to exchange professional experiences with young engineers in the region;**
- **Greater market for engineering service;**
- **Good young engineering network as members of AFEO.**

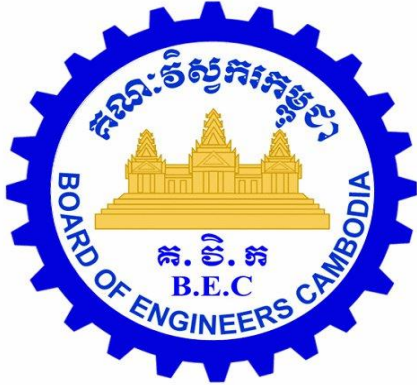


## ***V. Proposed Resolutions***

- **Develop young engineers capability at national level;**
- **Forster high standard of formation and professional practice at national level;**
- **Encourage young national engineers to communicate in English;**
- **Introduce to young national engineers cultural and professional links between the engineering profession within ASEAN;**
- **Encourage young national engineers to register with AER.**



# Cambodian Young Engineer (CYE)



LY Sovannarith

President of CYE, Cambodia

