

《無國界工程師（香港）》2012-2013 年度 — 周年報告

前言

1. 今年，無國界工程師(香港) (EWB-HK) 基於新的使命與願景，重新開展工作：在青年組織方面，2011 年成立的青獻社學生組織，即將升格為青年事務委員會，並保留青獻社名稱；在項目工作方面，《人道工程展覽》將於 10 月下旬在香港科技大學舉行，還有剛開始了跟創綠中心合作，參加《一杯乾淨水》的計劃；在組織架構方面，新的網頁已經在 2013 年 5 月投入服務，而中央檔案系統，亦有部分檔案在 2013 年 8 月開始，可供組織內部使用。另外，《香港社會服務聯會》的嘉許，延長至 2014 年 2 月。理事會於年度內舉辦了一些會員活動，但對於招募會員及籌集經費方面，仍需多加努力。

青獻社

2. 無國界工程師(香港) 新的使命第二項，是『培育本港新一代的專業人士，回饋社會，協助有需要的社群。』因此重點發展大專院校學生及畢業生的組織架構，讓青年人及早參與有關方面的服務和組織，累積經驗，培訓他們成為新一代的接班人。
3. 青獻社係直屬理事會的執行委員會，委員會的投票成員，包括每所大專院校的學生組代表、剛畢業後的學生代表，另外有非投票成員，他們是理事會代表、增選委員等。暫時青獻社負責管理的成員有香港大學學生分會和香港科技大學學生分會，其他學院還有待發展。

項目工作

4. 無國界工程師(香港) 新的使命第一項，是『藉工程方法，加快改善弱勢社群的生活，並推動可持續發展。』因此往後的項目工作，應該切合該使命內容。

5. 去年，EWB-HK 和青獻社合辦了《維生工具比賽》，今年希望再接再厲，名稱改為《人道工程挑戰》。可惜安排過於匆促，未有足夠時間給兩所大學工程系學生考慮，結果只有 4 隊學生報名參賽，因此將比賽改為展覽形式舉行。剛巧香港科技大學在 2013 年 10 月下旬舉行工程周，因應邀請，把展品放在該大學展覽。
6. 2013 年 5 月，因應香港文理書院邀請，EWB-HK 的義工為該校學生提供兩天簡單的維修培訓。培訓場地在國際十字路會屯門的會址，參加的學生有十多人。他們受過培訓之後，6 月份參加了該校舉辦的交流體驗團，到廣西一所中學，體驗維修、農耕和探訪當地學生的家等。
7. EWB-HK 跟另外一個非政府機構，創綠中心合作，參與他們《一杯乾淨水》的項目。該項目是針對中國廣泛食水污染的問題，受影響的人民接近 3 億，而為他們解決問題。計劃先從一百個村莊入手，除了為他們提供淨水系統外，還搜集有關資料，作為樣品，再把眾多樣品歸納為一些藍本。然後為每一個藍本提供一些合乎當地技術的解決方法，以簡單明白的方法表達，再透過一些途徑，例如網站等，把資料發放出去，讓廣大受影響的人民，如果可以的話，自己處理淨水。
8. 創綠中心在這項目的工作已經開展了一年，走訪了 9 個省 68 個村莊，為 2 個村莊、2 所小學提供了淨水設備；在 2013 年 4 月雅安地震後，作了特別行動，為 71 個災民安置區/學校提供了淨水設備，32,014 人因此喝到了乾淨水。
9. EWB-HK 在這項目的貢獻，在於招募水方面的專家，提供適切、合乎當地技術水平的淨水方法。如果可以的話，由專家們歸納一些藍本，並且提供解決方法。

嘉許

10. EWB-HK 接獲通知，去年由香港基督教女青年會提名、香港社會服務聯會頒發 2011-2012《同心展關懷》的稱號，延長至 2014 年 2 月。

會員活動

11. 理事會於年度內舉辦了六項活動，分別是：

- 2013 年 1 月 15 日—冬日打邊爐: 旺角稻香酒樓
- 2013 年 2 月 2 日— 參觀有機廢物處理: 長沙灣蔬菜統營處,
葵芳新都會廣場
- 2013 年 3 月 3 日-- 職業講座: 香港專業教育學院—
摩裡臣山分校
- 2013 年 4 月 7 日-- 行山活動: 石澳郊野公園
- 2013 年 4 月 27 日—與會員歡樂時光: Grappa Cellar
- 2013 年 6 月 3 日-- 與會員聚會: Pacific Coffee

組織架構

12. 有關由社團註冊形式改為有限公司的事宜，稅務局直到 2013 年 9 月才有回信，並且提出新的問題，所以今年內未能成事。
13. 重寫 EWB-HK 網頁的工作已經完成，並且在 2013 年 5 月開始運作。新的網頁令人耳目一新。另外理事會成立了資訊科技委員會，由一名理事帶領，成員包括義工和學生，而核心工作是解決網頁技術上的問題、及時上載資料等。
14. 理事會也成立了一個委員會，處理中央檔案系統。委員會也是由一名理事帶領，成員包括理事和義工。由於有大量檔案要處理，理事會把部份工作外判處理。理事會決定把系統建立在 Google Drive 提供的檔案放置空間，現時可以免費使用的空間有 15 Gig。第一期的檔案已經在 2013 年 8 月份上載到系統內，預計第二期可以在 2013 年 10 月份完成。

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Engineers Without Borders (Hong Kong) -- Annual Report 2012-2013

Foreword

1. This year, based on the new missions, EWB-HK launched its work anew: in respect of young members' organization, the existing YMG (青獻社) as established in 2011 will be upgraded from a students' organization to a young members' committee. The Committee's name remains as Young Members Group (YMG); as for project work, will hold an exhibition on Humanitarian Engineering Challenge at the Hong Kong University of Science and Technology, and just joined the water cleaning program in collaboration with Greenovation Hub; in organization and structure, the new website was launched in May 2013, and part of the database became accessible to Council Members on the web in August 2013. In addition, the title, "Caring Organization 2011-2012"

awarded by the Hong Kong Council of Social Services was extended to February 2014. The Council held some activities for Members during the year but more efforts are required in recruitment of Members.

Young Members Group (YMG) Committee

2. The second mission of EWB-HK is, “To enhance the capacity of the professionals in Hong Kong in the generations to come to contribute to the communities in need.” Hence emphasis was placed on the development of organization and structure of students in tertiary education and graduates, so that young persons can participate in the relevant services and organization early in their lives, gather experience and be trained as successors of EWB-HK.
3. YMG is an executive committee directly under the Council. The Voting Members of YMG Committee include representatives of student chapter and graduates of every tertiary educational institute. Non-voting Members include representatives of the Council and co-opted Members, etc. Currently, YMG Committee is supervising the University of Hong Kong Student Chapter (YMG-HKU), and the Hong Kong University of Science and Technology Student Chapter (YMG-HKUST). The inclusion of other tertiary educational institutions is yet to be developed.

Project Work

4. The first mission of EWB-HK is “To accelerate the betterment in life of disadvantaged communities and to promote sustainable development through the empowerment of engineering means.” Hence project work in future should tally with this mission.
5. Last year, EWB-HK worked together with YMG in a Survival Tools Contest. We wanted to continue with this contest under the name of Humanitarian Engineering Challenge (HEC) this year. However, too tight a time schedule did not lend sufficient time for the engineering undergrads of the two universities in thinking through the concept. As a result, only 4 teams of students enrolled in the Contest. So we had to change the Contest to the form of an exhibition. Co-incidentally, HKUST will be holding their Engineering Weeks in late October 2013. On invitation, EWB-HK will exhibit the products of HEC in the campus of HKUST.
6. On invitation of the Hong Kong Cognitio College, a volunteer of EWB-HK

provided two days training on simple repairs for the students of this secondary school. It was carried out in the workshop of Crossroads International, Tuen Mun and around a score of students participated in the training. After the training, these students joined an exchange tour to a middle school in Guanxi in June, organized by Cognitio College. During this trip, they carried out building repairs, farm work and visited local student homes.

7. EWB-HK collaborated with another NGO, Greenovation Hub, in their Water Cleaning Program in China. The program aims at solving the problem of widespread water contamination in China, affecting nearly 300 million people. The program started with cleaning water and collecting sample data from a hundred villages. The samples will then be categorized into a few prototypes. Solutions with appropriate technology will be suggested. Such solutions will then be presented in a clear and comprehensive way, and distributed by some channels like a website. It will let the massive people so affected to clean their own water as far as possible.
8. Greenovation Hub has been working on this program for over a year. They visited 9 provinces and 68 villages, and installed cleaning devices in 2 villages and 2 primary schools. When the Ya An (Sichuan) Earthquakes happened in April 2013, Greenovation Hub had special actions in providing water cleaning devices for 71 victim settlements/schools in the quake areas. As a result, 32,014 people had the chance of drinking clean water.
9. The contribution of EWB-HK in this program is to recruit water experts who will provide right solutions with appropriate technology to places affected. If possible, the water experts can deduce some prototypes and suggest methods to solve the problem.

Award

10. EWB-HK was advised that, the title “Caring Organization 2011-2012” recommended by the Young Women Christian Association and awarded by the Hong Kong Council of Social Services, would be extended to February 2014.

Member Activities

11. The EWB Council organized six activities this year, which are:
 - 15 January 2013 – Hot pot in a restaurant in Mongkok
 - 2 February 2012 – Visits to organic waste treatment plants at Chang Sha Wan Vegetable Market Organization and Kwai Fong Metro Plaza

- 3 March 2013 – Career Talk at the Institute of Vocational Training Morrison Hill
- 7 April 2013– Hiking at Shek O Country Park
- 27 April 2013 – Happy Hour with Members at Grappa Cellar
- 3 June 2013 – Happy Hour with Members at Pacific Coffee

Organization and Structure

12. About the change in capacity of registration for EWB-HK from a Society to a Company Limited, the Inland Revenue Department replied as late as September 2013 with new questions. Hence the change will not be effected within this year.
13. The reconstruction of EWB-HK website was completed within the year and was launched in May 2013. The new website took on fresh looks. In addition, the Council established an IT Committee, led by a Council Member and made up of volunteers and student. The core business of the Committee is to solve technical problems of the web and upload information to the web in time.
14. The Council also established another Committee to handle the Central Filing System (CFS). This Committee is also led by a Council Member and made up of other Council Members and volunteers. In view of the large amount of files to be handled, the Council contracted out the work. The Council decided to build the CFS on the space provided by Google Drive. Currently, the free space that can be used is 15 Gig. The first lot of files was uploaded to the system in August 2013. The second lot is expected to be uploaded in October.

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