



# **Committee on Engineering Capacity Building**

WORLD FEDERATION OF ENGINEERING ORGANIZATIONS

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To: Executive Board  
World Federation of Engineering Organizations

Subject: Biennial Report of the Committee on Engineering Capacity Building

Gentlemen:

Since the General Assembly in Kuwait, the Committee has written and published the "Guidebook for Capacity Building in the Engineering Environment". The Committee presented the Guidebook at the Executive Council Meeting And at the WEC Session in Buenos Aires. Copies of the Guidebook were presented to Committee Members and 75 Executive Council Members. The Committee also developed an Action Plan related to the Guidebook in Buenos Aires.

In cooperation with the UPADI Education Committee a session was sponsored on the Future of Engineering Education. However, though the time was cut short by previous speakers, we felt that we were able to get the salient points across.

The Committee on Engineering Capacity Building has had an active period since the meeting in Buenos Aires in October, 2010, and met during the Executive Board Meeting in Paris in April, 2011, to discuss marketing and other related issues concerning the Guidebook, Including:

- 1) Kuwait Society of Engineers will distribute at least 5 copies each of the remaining the remaining 800 copies of the Guidebook free of charge to all WFEO national and international members.
- 2) It is felt that the Guidebook has value and can be marketed at \$50 per copy. The original cost to produce the Guidebook was approximately \$11 per copy and \$2 for shipping.
- 3) SAICE will incorporate revisions as requested by two of the authors into an electronic Version 2 for release by the time that the Geneva General Assembly of the WFEO takes place in September, 2011.
- 4) The China Institute of Electrical Engineers has agreed to translate the Guidebook into Chinese. Translations in Spanish and French are also desirable.
- 5) CECB will put the Guidebook on line with the WFEO website together with a facility to order hard copies.
- 6) SAICE has the capability to publish the Guidebook in the future. They will develop the cost to print and mail 5-10-25 copies, and develop a strategic marketing plan, including a revenue sharing agreement between WFEO, CECB and SAICE. The marketing plan should include a section on how to publicize the Guidebook, and a business plan for selling the Guidebook.
- 7) The drafting of a letter that will be distributed to recipients of the book, including recommendations on local redistribution. Develop a data base on who should receive copies of the first edition, and confirm mailing addresses prior to shipping.

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- 9) Development of an online database – compendium of case studies, programs and initiatives related to capacity building in engineering at the Geneva meeting.
- 10) Development of a program for Geneva 2011
  - a) Presentation and Marketing of guidebook
  - b) Session similar to Buenos Aires but focused on “Capacity Building in the Energy Environment.

The Committee is working towards a transition from the United States as the host country to a new host country with the objective of providing a continuation of the existing programs and goals.

The Committee participated in CSD-19, “Sustainable Consumption and Production, Transport, Chemicals, Waste Management, and Mining”, at the United Nations in New York City the first two weeks in May as part of the Science and Technology Major Group. Kate Johnson, ASCE, also represented the YE/FL in the Youth Major Group discussions. The Executive Board needs to reaffirm the WFEO Task Group to continue its participation within UNCSD and ECOSOC

The WFEO Committee on Engineering Capacity Building has actively supported the engagement of young engineers through a new task force. The WFEO Young Engineers/Future Leaders (YE/FL) Task Group, chaired by Eng. Zaineb Lari, and hosted by the Kuwait Society of Engineers, was created in Kuwait and held its first meeting in Buenos Aires. Members have been named from 11 national members with 9 in attendance along with 15 other YE/FL Members.

The YE/FL Task Group Members are stealthily infiltrating and listening in on other committees, but they may not be inconspicuous in their yellow tee shirts.

The YE/FL Task Group developed a charter which includes mission, vision and values (passion, professionalism, leadership, ethics, and innovation). They also developed an Action Plan for 2011, which includes:

- 1) Developing a website
- 2) Recruiting more National Members
- 3) The goal to be accepted as a STC
- 4) Developing YE/FL Forums in Geneva and Japan

They also conducted a successful YE/FL Forum and hosted a YE/FL dinner in Buenos Aires.

The YE/FL Task Group is providing a lot of enthusiasm and emphasis to the Engineering Capacity Building Program of WFEO. They are to be commended for their activities and support.

Respectfully submitted,

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