Region 6 Initiatives and the GHTC

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Region 6 Initiatives—From Oct. R6 Meeting

• Interesting design competition for student members
• Create cookbook of best practices
• Reorganize Region/Area meetings
• Develop a student congress
• Student events accompanying region events
• Industry and public sector outreach
• IEEE Officers as CEO of their geo group
• Create R6 speakers bureau
• Create and sustain big picture conferences such as a humanitarian technology (GHTC) and a sustainable engineering conference (SUSTECH)
Region 6 Initiatives—in 2 Years

1. Create academic and industrial advisory groups for IEEE Region 6 (what can we do to help and increase our relevance)
   – Start recruiting now
2. Create interesting design project competition for student members (humanitarian projects, etc.)

Region 6 Initiatives—in 2 Years (2)

1. Work on lower cost higher education using on-line courses
2. Make R6 meetings into webinars—benefit to IEEE members to attend remotely
   – Start on this with increasing trials in the SF BAC
3. Create eGRID for Region 6
1a. Create an Industrial Advisory Group for R6

• We need to create an industrial advisory group in R6 no larger than 12 people who represent all major industrial areas in the area.

1b. Create an Academic Advisory Group for R6

• We need to create an advisory group of academics from major universities as well as smaller colleges.
2. Create Design Competitions for Students

- We need to work with our academics (1b) to create useful, instructive and engaging design projects
  - These may include humanitarian challenges, sustainability and other big issues

3. Work to make Higher Education Affordable

- Higher education is becoming enormously expensive—need to get on-line models
  - San Jose State Initiative (with Udacity)
  - Stanford Dean Hennessy On-line Education Initiatives
4. Make R6 Meetings into Webinars

- We need to make R6 chapter meetings into Webinars that IEEE members (or at least society chapter members) can log into and watch remotely.

5. Create a Region 6 eGRID

- We need a federated and easily searchable list of Region 6 meetings so IEEE members and others can find one wherever they go in R6.
2013 SUSTECH

• The inaugural IEEE Conference on Technologies for Sustainability will be a 1 day event focused on a cross-disciplinary look at advances in available as well as emerging technologies that advance the goals of long-term economic, societal and environmental sustainability for humanity.
• Sponsored by the Oregon Section and IEEE-USA
• August 1-2, 2013 in Portland, OR

2013 GHTC

• This 3rd annual cross-discipline conference provides the perfect venue for persons involved in and/or interested in humanitarian projects to join their peers in Silicon Valley. The audience for this conference includes technologists, engineers, scientists, investors, field project managers, representatives from NGOs, governments, academia, and industry.
GHTC--Our Version of Engineers Without Borders

- This event was created by Region 6
- The purpose of the conference is to do good
- Many local SF BAC folks involved including Ram Sivaraman, Bill DeHope, Ed Aoki, Tom Coughlin and others

SCV Metropolitan Area Workshop

- These events were put on by the IEEE and held in Austin, Huntsville, Detroit, Santa Clara, White Plains and Baltimore
- The Santa Clara event was the largest with the highest level of satisfaction of the attendees (4 out of 5)
- Many local members participated in putting this event on
Creating the Future of the IEEE