ENGINEERING FOR THE AMERICAS -EftA

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• PVP Pan American Union of Engineering Associations – UPADI
• BOARD Pan American Academy of Engineering
• CHAIR WFEO UN Relations Committee
AMERICAS – ORGANIZATIONS FOR DEVELOPMENT:
Organization of American States (OAS)
Pan American Union of Engineering Associations (UPADI)
Pan American Academy of Engineering (API)

APPROACH FOR DEVELOPMENT:
Engineering for the Americas (EftA)
“Building engineering capacity intersects the needs of multiple stakeholders, proving the broadest possible opportunities to improve economic vitality and security, mitigate poverty, foster community health and improve long-term quality of life”

(Insulza-OAS)
Engineering for the Americas EftA

www.efta.oas.org

- Ministerial Mtgs of
- Lima 2004
- Mexico, 2008
- Panama, 2011

build capacities in engineering to improve competitiveness in hemisphere.

1. Educational Innovation
2. Quality & Accreditation
3. Job creation through university-industry partnerships.
4 Strategic Pillars

- Innovation
- Human Resources
- National Quality Infrastructure
- Technological Development

Working Groups 1, 2, 3 & 4

- Prosperity
- Competitiveness
- Productivity
UPADI/API EDUCATION COMMITTEE

- UPADI Education Committee ➔ UPADI/API Education Com
- UPADI/API Ed Com Working with OAS WG2
- UPADI/API Ed Com Promotes Engineering for the Americas & Plan of Action of Panamá
OBSERVATIONS

In order for progress to be made:

• Industry, Academia & Government partnerships must be promoted

• Funding for major initiatives such as ubiquitous high quality internet connectivity will only come from industry, in partnership with government and academia
• Vocational Education & Training must be expanded for Development of the Americas
• Mobility of Engineers must be achieved
• Broadband interconnectivity must be achieved for efforts to develop the Americas
• EftA must be a priority for governments
• Engineering Academies and Societies worldwide must engage, develop strategies and programs to utilize engineering to develop infrastructure for world economic development
• Corruption must be eliminated
API with UPADI PROPOSES OAS THROUGH OAS WORKING GROUPS JOIN TO ESTABLISH and PROMOTE

PAN AMERICAN INSTITUTE
FOR
ENGINEERING INNOVATION AND ENTREPRENEURSHIP
“Innovation and Entrepreneurship, key to progress”

Critical times dictate policy-makers accept the value of engineering in solving local and national problems.

Human & economic benefits depend on education, innovation, entrepreneurship and sound policy decisions.

Engineering improves to quality of life.
18 November 2013: UN Secretary-General Ban Ki-moon stressed the roles that science, technology and innovation play in promoting progress and peace, ranging "from climate change to public health; from food security to sanitation; from disarmament to disaster preparedness.” Tallinn University in Estonia