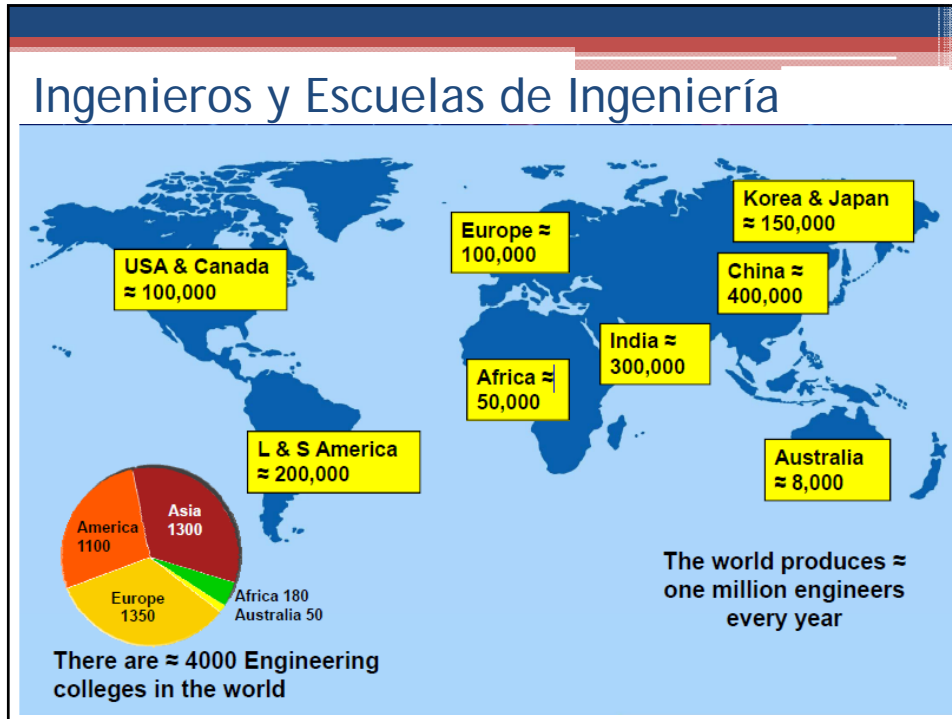


## El reto de ser un Decano

[video](#)

### GEDC- Palabras clave

- Redes (Networking)
- Educación
- Global
- Liderazgo
- Retos
- Investigación
- Visión
- Calidad
- Innovación



## Tendencias Globales

- Cambio en la demografía
- Suministro de alimentos
- Megaciudades
- Desafíos en energía, agua y medio ambiente
- Retos y avances en salud
- Innovación en las TIC's
- Cambio en las potencias económicas (economías emergentes)
- El perfil de los nuevos estudiantes- Nativos Digitales

## México - algunos retos

- Reducir la **pobreza**
- Crear **empleos**
- Garantizar la **seguridad** de individuos y organizaciones
- Mejorar la **calidad de la educación**
- Promover la **innovación** y evolucionar en una **economía basada en el conocimiento**

The image shows a screenshot of the Wikipedia article titled "Global Engineering Education". Three red circles on the left side of the article are connected by red lines to callout boxes on the right:

- The top circle highlights the title "Global Engineering Education", with a callout box stating: "Global Engineering Education From Wikipedia, the free encyclopedia".
- The middle circle highlights the "Definitions" section, with a callout box stating: "Definitions Global Engineer What is a global engineer? There is not one consistent view or definition."
- The bottom circle highlights the "Global Engineering Attributes" section, with a callout box stating: "Global Engineering Attributes What are some of the attributes that one should have to be a global engineer?"

## Motivación

- Los **líderes** de la educación en ingeniería tienen la **responsabilidad** de dirigir a las instituciones que **forman a los profesionistas** que resolverán los problemas de mayor impacto para la sociedad
- Necesidad de un **foro con visión global** para decanos de la ingeniería
- Apoyados por:
  - La Federación Internacional de las Asociaciones de la Educación de la Ingeniería (**IFEES**)
  - La Asociación Americana de Educación en Ingeniería (**ASEE**)

## Objetivos

- 1) **Foro mundial** para el intercambio de **mejores prácticas**.
- 2) **Alianzas** de colaboración para el **desarrollo** y la **innovación** de planes de estudios.
- 3) **Red de apoyo** de decanos.
- 4) **Estándares de calidad** para la educación de la ingeniería.

## Comité Ejecutivo Fundador del GEDC París, 2008



## Miembros del Consejo

- 01 - Ian WHITE, University of Cambridge, **UNITED KINGDOM**
- 02 - José Carlos Lourenço QUADRADO, Instituto Superior de Engenharia de Lisboa, **PORTUGAL**
- 03 - David GARZA-SALAZAR, Instituto Tecnológico y de Estudios Superiores de Monterrey, **MEXICO**
- 04 - Claudio BORRI, International Federation of Engineering Education Societies (IFEES), **UNITED STATES OF AMERICA**
- 05 - Hans J. HOYER, ASEE and IFEEES, **UNITED STATES OF AMERICA**
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- 19 - Frank HUBAND, ASEE, **UNITED STATES OF AMERICA**
- 20 - Vladimir Z. YAMPOLSKIY, Tomsk Polytechnic University, **RUSSIA**
- 21 - Xavier FOUGER, Dassault Systèmes, **FRANCE**
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- 23 - Hassan Essa ALFADALA, Quatar University, **QUATAR**
- 24 - Michel BENARD, Hewlett Packard, **SWITZERLAND**
- 25 - Bill KELLY, ASEE, **UNITED STATES OF AMERICA**

Not on the picture:

- Vjatcheslav PRIKHODKO, Moscow Automobile & Road Construction Institute (State Technical University), **RUSSIA**
- Yon Hoon LEE, Korean Advanced Institute of Science and Technology (KAIST), **SOUTH KOREA**

## Declaración de París

## Calendario de Eventos

- SEFI 2<sup>nd</sup> Deans Conference in Berlin on Feb 24-26
- IACEE 11<sup>th</sup> World Conference on Engineering Education in Atlanta, Georgia on May 20-23
- SEFI's 36<sup>th</sup> Annual Conference, Aalborg, Denmark on July 2-5
- 7<sup>th</sup> Annual ASEE Global Colloquium on Engineering Education in Cape Town, South Africa on Oct 19-23

GEDC idea was mooted at the 9 Oct IFEES meeting @ Rio de Janeiro

GEDC concept was born at the 30 Sep IFEES meeting @ Istanbul

2006	2007	2008	2009	2010	2011		
		Paris	Boston	Budapest	Singapore	Palm Springs	Beijing



## Visión y Misión




## Visión

Apoyar a los decanos\* en avanzar en la realización de la misión de formar a la generación de ingenieros capaces de enfrentar con éxito los desafíos del siglo XXI y con esto contribuir a la sociedad de una manera más efectiva.

\* Decano se define como una persona a cargo de una universidad o escuela de ingeniería en una universidad, o una persona a cargo de una institución educativa de enseñanza superior que se centra principalmente en la educación en ingeniería.





## Vision


**Empower deans\* in advancing their college or school's mission in preparing the next generation of engineers to successfully tackle the challenges of the 21<sup>st</sup> century and serve society more effectively.**

\* For the purposes of the Global Engineering Deans Council, a dean is defined as a person in charge of an engineering college or school in a university, or a person in charge of an education institution of higher learning that is primarily focused on engineering education and research.



## Misión


Servir como una red global de decanos de ingeniería, aprovechando las fortalezas de sus miembros, para avanzar en la enseñanza e investigación en el área de ingeniería.



## Mission

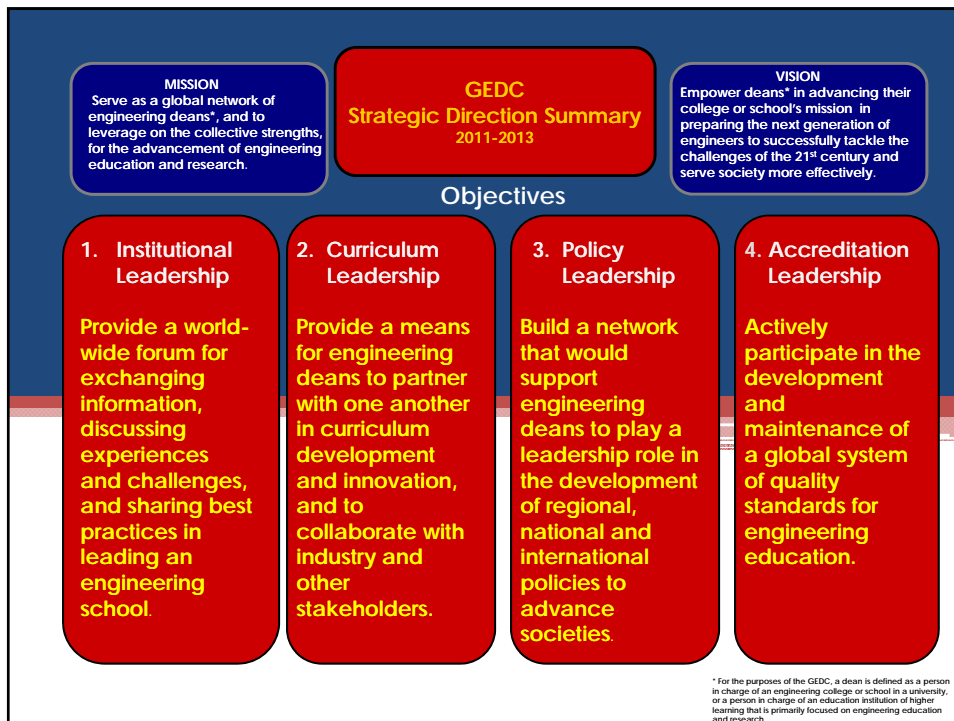
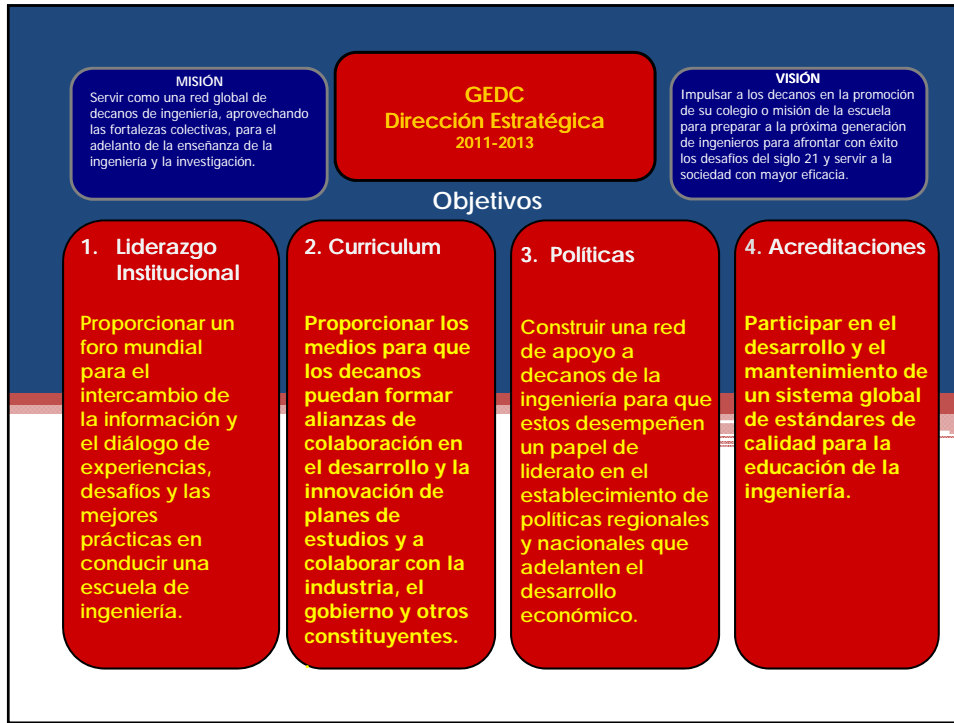
Serve as a global network of engineering deans\*, and to leverage on the collective strengths, for the advancement of engineering education and research

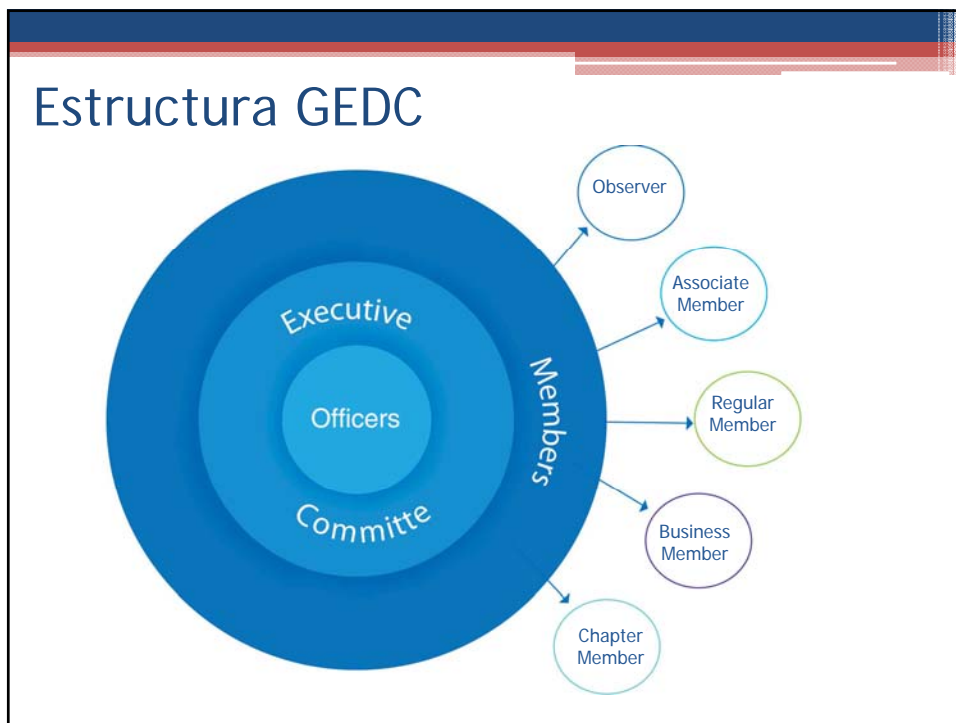
\* For the purposes of the Global Engineering Deans Council, a dean is defined as a person in charge of an engineering college or school in a university, or a person in charge of an education institution of higher learning that is primarily focused on engineering education and research.

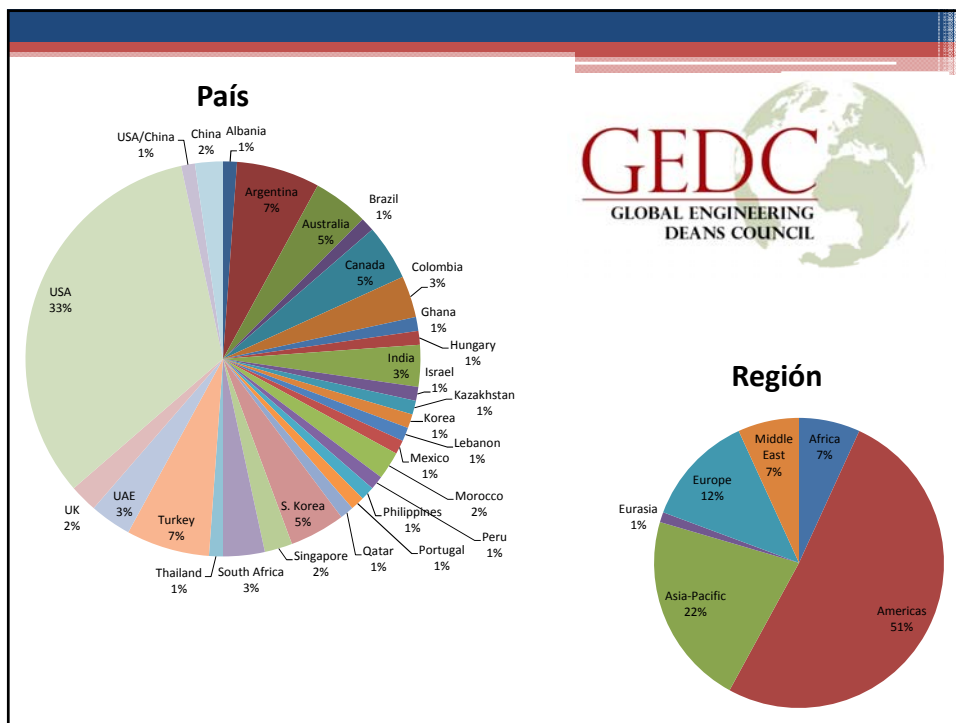


## Objetivos

- 1) Proporcionar un **foro mundial** para el **intercambio** de la información y el diálogo de experiencias, desafíos y las **mejores prácticas** en conducir una escuela de ingeniería.
- 2) Proporcionar los medios para que los decanos puedan **formar alianzas** de colaboración en **el desarrollo y la innovación de planes de estudios** y a **colaborar con la industria, el gobierno y otros constituyentes**.
- 3) Construir una **red de apoyo** a decanos de la ingeniería para que estos desempeñen un papel de **liderazgo** en el establecimiento de **políticas regionales y nacionales** que contribuyan al desarrollo económico.
- 4) Participar en el **desarrollo** y el mantenimiento de un **sistema global de estándares de calidad** para la educación de la ingeniería.







## Miembros del GEDC

<u>First Name</u>	<u>Last Name</u>	<u>Institution</u>	<u>Country</u>	<u>Region</u>
Ahmet	ÖZTAŞ	Epoka University	Albania	Europe
Fabian	Soria	University Tecnologica Nacional Facultad Regional Tucuman	Argentina	Americas
Liberto	Ercoli	National Technological University of Argentina - Facultad Regional Bahia Blanca	Argentina	Americas
Liliana Raquel	Cuenca Pletsch	UTN - FRRe	Argentina	Americas
Miguel Angel	Sosa	UTN – Facultad Regional Delta	Argentina	Americas
Rudy	Grether	UTN –REGIONAL FACULTY SANTA FE	Argentina	Americas
Guillermo José	Oliveto	UTN - FRBA	Argentina	Americas
John	Beynon	Swinburne University of Technology	Australia	Asia-Pacific
Brian	Uy	University of Western Sydney	Australia	Asia-Pacific
Peter	Dowd	University of Adelaide	Australia	Asia-Pacific
Subic	Aleksandar	Royal Melbourne Insitute of Technology University	Australia	Asia-Pacific
Jose Roberto	Cardoso	Escola Politecnica Da Universidad De SÃO Paulo	Brazil	Americas
Cristina	Amon	University of Toronto	Canada	Americas
Christophe	Guy	Ecole Polytechnique - Montreal	Canada	Americas
Rafik A.	Goubran	Carleton University	Canada	Americas
Kimberly A.	Woodhouse	Faculty of Engineering and Applied Science, Queen's University	Canada	Americas
Shiyi	Chen	Peking University	China	Asia-Pacific
Bogeng	Li	Zhejiang University	China	Asia-Pacific
Diego	Hernandez Losada	Universidad Nacional de Colombia	Colombia	Americas

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Camilo	Younes	Engineering Faculty of the National University of Colombia at Manizales	Colombia	Americas
Amoakoh	Gyasi-Agyei	Pentecost University College	Ghana	Africa
Imre J.	Rudas	Óbuda University	Hungary	Europe
Archana	Mantri	Chitkara University	India	Asia-Pacific
Buta	Singh Sidu	Punjab Technical University, Jalandhar	India	Asia-Pacific
NV	Vasani	Indian Engineering Deans Council	India	Asia-Pacific
Paul David	Feigin	Technion - Israel Institute of Technology	Israel	Middle East
Yerken	Turganbaev	Eeast Kazakhstan State Technical University	Kazakhstan	Eurasia
Tae Jin	Kang	Seoul National University	Korea	Asia-Pacific
George E.	Nasr	Lebanese American University	Lebanon	Middle East
David	Garza-Salazar	Monterrey Tech	Mexico	Americas
Ahmed	Legrouri	Al Akhawayn University in Ifrane	Morocco	Africa
Bouami	Driss Alcaйhuaman	Ecole Mohammadia D'ingenieurs	Morocco	Africa
Leonardo	Accostupa	Universidad Ricardo Palma	Peru	Americas
Ramon José Carlos Lourenço	Maniago	Lyceum of the Philippines University-Cavite Campus	Philippines	Asia-Pacific
Quadrado		Instituto Superior de Engenharia de Lisboa	Portugal	Europe
Mazen Omar	Hasna	Qatar University	Qatar	Middle East
Yong Hoon	Lee	KAIIST	S. Korea	Asia-Pacific
Man Young	Sung	Korea University	S. Korea	Asia-Pacific
Ju Sung	Park	Pusan National University	S. Korea	Asia-Pacific
Jaiyong	Lee	Yonsei University	S. Korea	Asia-Pacific

Eng Soon	Chan	National University of Singapore	Singapore	Asia-Pacific
Tso-Chien	Pan	Nanyang Technological University	Singapore	Asia-Pacific
Roelf	Sandenbergh	University of Pretoria	South Africa	Africa
Theophilus	Andrew	Durban University of Technology	South Africa	Africa
Henk	de Jager	Nelson Mandela Metropolitan University	South Africa	Africa
Boonsom	Lerdhirunwong	Chulalongkorn University	Thailand	Asia-Pacific
Hasan	Mandal	Sabanci University	Turkey	Europe
Mustafa	Laman	Osmaniye Korkut Ata University	Turkey	Europe
Cem	Sensogut	Dumlupinar University	Turkey	Europe
Orhan	Tatar	Çanakkale Onsekiz Mart University	Turkey	Europe
Levent	Kandiller	Cankaya University	Turkey	Europe
Tuncay	Dogeroglu	Anadolu Üniversitesi	Turkey	Europe
Alaa	Ashmawy	American University of Dubai	UAE	Middle East
Miroslaw J	Skibniewski	Khalifa University of Science, Technology and Research	UAE	Middle East
Youssef Lotfy	Abdel-Magid	<a href="#">The Petroleum Institute</a>	UAE	Middle East
Peter	Jimack	University of Leeds	UK	Europe
Mohammad	Dastbaz	University of East London	UK	Europe
Paul	Peercy	University of Wisconsin, Madison	USA	Americas
Satish	Udpa	Michigan State University	USA	Americas
Sarah	Rajala	Bagley College of Engineering	USA	Americas
Wayne T.	Davis	University of Tennessee	USA	Americas

Alan	Parkinson	Brigham Young University	USA	Americas
Hasan	Sevim	Southern Illinois University Edwardsville	USA	Americas
Tom	Katsouleas	Duke University	USA	Americas
Darryl	Pines	University of Maryland	USA	Americas
Marwan	Simaan	University of Central Florida	USA	Americas
Ashok	Saxena	University of Arkansas	USA	Americas
Peter	Crouch	University of Hawaii at Manoa	USA	Americas
Joseph J.	Helble	Dartmouth College	USA	Americas
Kenneth F	Galloway	Vanderbilt University, Nashville, TN, USA	USA	Americas
Hesham	El-Rewini	University of North Dakota	USA	Americas
Leah	Jamieson	Purdue University	USA	Americas
Yannis	Yortsos	University of Southern California	USA	Americas
H. Keith	Moo-Young	California State University Los Angeles	USA	Americas
Baha	Jassemnejad	University of Central Oklahoma	USA	Americas
Forouzan	Golshani	California State University Long Beach	USA	Americas
James	Tien	University of Miami	USA	Americas
Emmanuel Manos	Maragakis	University of Nevada, Reno	USA	Americas
Maj	Mirmirani	Embry-Riddle Aeronautical University	USA	Americas
Pradeep	Khosla	Carnegie Mellon University	USA	Americas
James	Thompson	University of Missouri-College of Engineering	USA	Americas
Selcuk	Guceri	Worcester Polytechnic Institute	USA	Americas
Laura	Steinberg	Syracuse University	USA	Americas
Peter	Kilpatrick	University of Notre Dame du Lac	USA	Americas
Holder	Gerald	University of Pittsburgh	USA	Americas
Enrique	Lavernia	University of California, Davis	USA	Americas
Rob	Parker	UM-SJTU Joint Institute	USA/China	Asia-Pacific

## GEDC India Chapter Members

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2	Dr. K. Thyagarajah	Principal	K.S. Rangasamy College of Technology K.S.R. Kalvi Nagar, Thokkavadi Post Tiruchengode - 637215, Tamil Nadu
3	Dr. M. Radhakrishnan	Director	Sudarshan Engineering College Pudukkottai - 622501, Sathiyamangalam Tamil Nadu
4	Dr. K. Sivaram	Principal	R.M.D. Engineering College R.S.M. Nagar, Kavaraipettai - 601206 Gummidipoondi Taluk, Thiruvallur Dist. Tamil Nadu
5	Dr. K.K. Thyagarajan	Principal	R.M.K. College of Engineering & Technology R.S.M. Nagar, Gummidipoondi Taluk, Thiruvallur Dist, Pudukkottai - 601206, Tamil Nadu
6	Dr. K. Rameshwaran	Principal	R.M.K. Engineering College Kavaraipettai - 601206 Gummidipoondi Taluk, Tamil Nadu
7	Dr. M. Sidappa Naidu	Principal	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College No. 42, Avadi - Vel Tech Road Chennai - 600062 Tamil Nadu
8	Dr. M. Koteswaran	Registrar	Vel Tech Dr. RR & Dr. S. Technical University (Deemed University u/s of UGC act 1956) No. 42, Avadi - Vel Tech Road, Chennai - 600062 Tamil Nadu
9	Dr. K.V. Sundaresan	Principal	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College No. 60, Avadi - Vel Tech Road, Chennai - 600062 Tamil Nadu
10	Dr. N. Ramachandran	Vice Chancellor	Periyar Maniammai University, Periyar nagar, Vallam, Thanjavur - 613403

11	Dr. C.V. Jayakumar	Principal	Sri Sai Ram Engineering College, Sai Leo Nagar, Tambaram, Chennai - 600044, Tamil Nadu
12	Dr. S. Balakrishnan	Principal	Mepco Schlenk Engineering College Mepco Engineering College (P.O.)-626005 Virudhunagar Dist., Tamil Nadu
13	Dr. V. Ramachandran	Vice Chancellor	Anna University Tiruchirappalli Tiruchirappalli - 620024 Tamil Nadu
14	Dr. Yogeshwar Prasad Kosta	Principal	Charotar Institute of Technology - Changa, At & Po: Changa, Ta Petlad Dist. Anand - 388421, Gujarat
15	Prof. Paritosh K. Banik	Director	School of Petroleum Technology Pandit Deendayal Petroleum University Raisan, Gandhinagar - 382007 Gujarat
16	Prof. Somabhai Mohanlal Patel Dean & Principal		J.V. Patel College of Engineering Ganpat University, Ganpat Vidyanagar Mehsana - Gojaraia Highway Kherva - 382711, Gujarat
17	Dr. N.V. Vasani	Director General	Institute of Technology Nirma University Sarkhej - Gandhinagar Highway Ahmedabad - 382481, Gujarat
18	Dr. M.S. Grewal	Principal	Baba Banda Singh Bahadur Engineering College Fatehgarh Sahib - 140407, Punjab
19	DR. H.C. Nagaraj	Principal	Nitte Meenakshi Institute of Technology P.B. No. 6429, Govinda Pura, Gollahalli Yelahanka, Bangalore - 560064 Karnataka
20	Dr. S.Y. Kulkarni	Principal	NMAM Institute of Technology, Nitte - 574110, Udupi Dist., Karnataka
21	Dr. D.S. Hira	Director	Shaheed Udharn Singh College of Engineering and Technology, Tangori, P.O. - Motemajra (Via - Manauli) Mohali, Punjab - 140306
22	Dr. P.D. Porev	Director	Sardar Vallabhbhai National Institute of Technology Surat - 395 007, Gujarat
23	Dr Avichal Kapur	Dean	Meghe Group of Institutions SDMP Campus, Atrey Layout Nagpur - 440022, Maharashtra
24	Dr. V. Abhaikumar	Principal	Thiagarajar College of Engineering Tiruparankundram, Madurai - 625 015 Tamil Nadu



25	Dr. V.S.K. Venkatachalapathy	Principal	Sri Manakula Vinayagar Engineering College, Madagadipet, Mannadipet Commune, Pondicherry - 605107, Tamil Nadu
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27	Dr. R. N. Herkal	Principal	Basaveshwar Engineering College S. Nijalingappa Vidyanagar, Bagalkot - 587102 Karnataka
28	Dr. K.N.B. Murthy	Principal & Director	Peoples Education Society Institute Technology (PESIT) 100 - ft Ring Road, BSK III Stage Bangalore - 560 085
29	Er. Anil Singh	Chairman	Bhqwant University, Sikar Road, Ajmer, Rajasthan
30	K.R. Bagarta	Director	Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagar (Jagatpura), Jaipur - 302025, Rajasthan
31	Dr. Joginder Singh Faujdar	Chairman	Rajasthan Institute of Engineering & Terchnpology, Ajmer Road, Bhankrota, Jaipur - 302026, Rajasthan
32	Shri Bhim Singh	Chairman	Rajasthan College of Engineering for Women, Ajmer Road, Bhankrota, Jaipur - 302026, Rajasthan
33	Dr. D.S. Mor	Principal, Director	Ch. Devi Lal Memorial Govt. Engg. College, Panniwala Mota (Sirsa)
34	Dr. Akshai K. Aggarwal	Vice Chancellor	Gujarat Technological University, 2nd Floor, ACPC Building, L.D. Colleg eof Engineering campus, Navrangpura, Ahmedabad - 380015, Gujarat
35	DR. C.K. Subbaraya	Principal	Adichunchanagiri Institute of Technology, Chikmagalur - 577102, Karnataka
36	Dr. R. Murugesan	Vice Chancellor	Anna University of technology Madurai, Alagarcoil Road, Madurai - 625002
37	Prof. Mahavir Singh	Dean, Academic	Gautam Buddha University, Yamuna Expressway, Greater Noida, Gautam Budh Nagar, UP - 201308







**GEDC 2011**  
GLOBAL ENGINEERING DEANS COUNCIL CONFERENCE  
PEKING UNIVERSITY | Oct. 20-22

<http://gedc.coe.pku.edu.cn/>



## Sessions

2011 GLOBAL ENGINEERING DEANS COUNCIL CONFERENCE  
BEIJING, CHINA

- Institutional Leadership
- Sustainability Issues
- Curricular Innovation
- New Dean Mentoring
- Accreditation in Engineering Education
- Engineering Education in a Globalized World



## Tipos de Membresías

### Membresías

#### Observer (\$0 - máximo 1 año)

- Máximo un año.
- Aparece en la lista de los miembros del website.
- Participa en ciertos grupos de trabajo por invitación.
- Recibe invitaciones para las reuniones y conferencias del GEDC.
- No pueden votar ni ser elegidos.

#### Associate Member (\$500 USD/año)

##### *Observer +*

- Acceso al website con cuenta personalizada.
- Forma grupos de trabajo.
- Puede modificar/ajustar la agenda de las reuniones.
- Anfitrión o participante en paneles, talleres, reuniones o conferencias.
- Puede recibir asistencia administrativa y de logística por parte de GEDC.
- Tiene derecho a emitir un voto en las decisiones/asambleas.

#### Regular Member (\$1000 USD/año)

##### *Associate Member +*

- Puede ser elegido y desempeñar cargos en el Consejo.

## Membresías

### Chapter Members

(\$100 USD/año x miembro + cuota representantes)

Esquema para organizaciones de decanos que cumplen con los criterios establecidos por GEDC para ser capítulos.

Los miembros del capítulo tienen los atributos de *Observer* pero no se limita a un año.

Los miembros del capítulo pagan la cuota de Chapter members \$100 USD/año.

*El capítulo puede tener hasta N\* representantes del Capítulo. Los representantes del capítulo tienen los atributos de un Associate Member [excepto que no pueden postularse para ser elegidos y desempeñar cargos en el consejo y la información que aparece en el website de GEDC es limitada].*

La cuota de representantes depende del número de miembros del capítulo que pagan su cuota anual. Cuota Mínima \$1000 USD.

\* N is the integer part of the total membership fee paid by the Chapter divided by \$1,000. For example, if there are 36 deans in the organization who would like to be GEDC Chapter Members, the total Chapter Membership fee is \$3,600. This Chapter can recommend 3 GEDC Chapter Representatives.

## Membresías

### Business Affiliate (\$5000 USD/año )

#### *Associate Member +*

- Para representantes de las empresas y la industria.
- 20% de descuento en la membresía conjunta de GEDC e IFEEES.
- Logotipo en comunicación impresa y página web.
- 100% de descuento en la inscripción de dos personas a las conferencias del GEDC.
- No pueden votar ni ser elegidos.
- Acceso a los contactos académicos con propósitos de colaboración.
- Puede solicitar ayuda a los miembros del GEDC para realizar actividades conjuntas.



**GEDC**  
GLOBAL ENGINEERING  
DEANS COUNCIL

<http://www.gedcouncil.org/>

<p><b>David Garza</b> GEDC Chair 2010-2011 Monterrey, México <a href="mailto:dgarza@itesm.mx">dgarza@itesm.mx</a></p>	<p><b>Hans J. Hoyer</b> Secretario Ejecutivo Washington, DC 20036 1-202-331-3511 <a href="mailto:H.Hoyer@asee.org">H.Hoyer@asee.org</a></p>
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**GRACIAS**

## Anexos

## Observers

\$0 Annually

- **Observers** **\$0 Annually**
- Observer Membership is offered to a person who meets one of the membership conditions and is interested in becoming more familiar with GEDC.
- Observer Membership is also offered to individuals who represent corporations and industry (both public and private) in engineering related fields across the world and are interested in becoming more familiar with GEDC.
- Observer membership can last a maximum of a year. After one year, Observers will either become Regular Members/ Industry Affiliates or their Observer membership will be terminated.
- Observers receive limited amount of benefits.
- Observers are featured in the list of members on GEDC website.
- Observers have the right to participate in GEDC working groups and committees.
- Observers receive invitations to GEDC meetings, conferences and/or GEDC member-sponsored events and may attend upon payment of the set registration fee.
- Observers do not have the right to vote or run/hold GEDC leadership positions.

## Associate Members

\$500 Annually

- **Associate Members** **\$500 Annually**
- Associate Membership is offered to a person who meets one of the membership conditions and is interested in becoming more familiar with GEDC.
- Associate Members are featured in the list of members on GEDC website.
- Associate Members have access to GEDC website through personalized accounts, and can update or edit their member profiles.
- Associate Members have the right to form and participate in GEDC working groups and committees.
- Associate Members receive invitations to GEDC meetings, conferences and/or GEDC member-sponsored events and may attend upon payment of the set registration fee.
- Associate Members can be asked to shape agendas of GEDC meetings, conferences and/or GEDC member-sponsored events.
- Associate Members have the right to either host or participate in relevant panels, training sessions, leadership sessions, and/or presentations included in GEDC meetings, conferences and/or GEDC member-sponsored events
- Each Associate Member has one (1) vote.
- Associate Members, when appropriate, are entitled to administrative and logistical assistance and support from GEDC Secretariat, at the discretion of the Executive Secretary.
- Associate Members do not have the right to run for, be elected and hold GEDC leadership positions.
- 

## Regular Members

\$1000 Annually

- **Regular Members** **\$1,000 Annually**
- Regular Membership is offered to a person who meets one of the membership conditions and is interested in becoming more familiar with GEDC.
- Regular Members are featured in the list of members on GEDC website.
- Regular Members have access to GEDC website through personalized accounts, and can update or edit their member profiles.
- Regular Members have the right to form and participate in GEDC working groups and committees.
- Regular Members receive invitations to GEDC meetings, conferences and/or GEDC member-sponsored events and may attend upon payment of the set registration fee.
- Regular Members can be asked to shape agendas of GEDC meetings, conferences and/or GEDC member-sponsored events.
- Regular Members have the right to either host or participate in relevant panels, training sessions, leadership sessions, and/or presentations included in GEDC meetings, conferences and/or GEDC member-sponsored events
- Each Regular Member has one (1) vote.
- Regular Members have the right to run for, be elected and hold GEDC leadership positions.
- Regular Members, when appropriate, are entitled to administrative and logistical assistance and support from GEDC Secretariat, at the discretion of the Executive Secretary.



## Business Affiliates

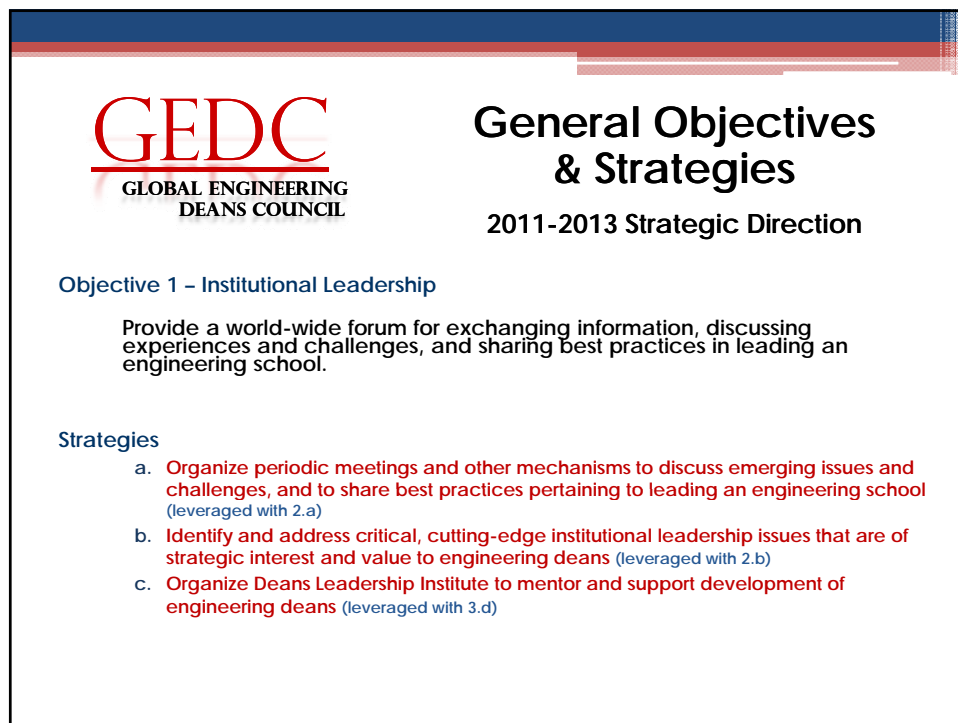
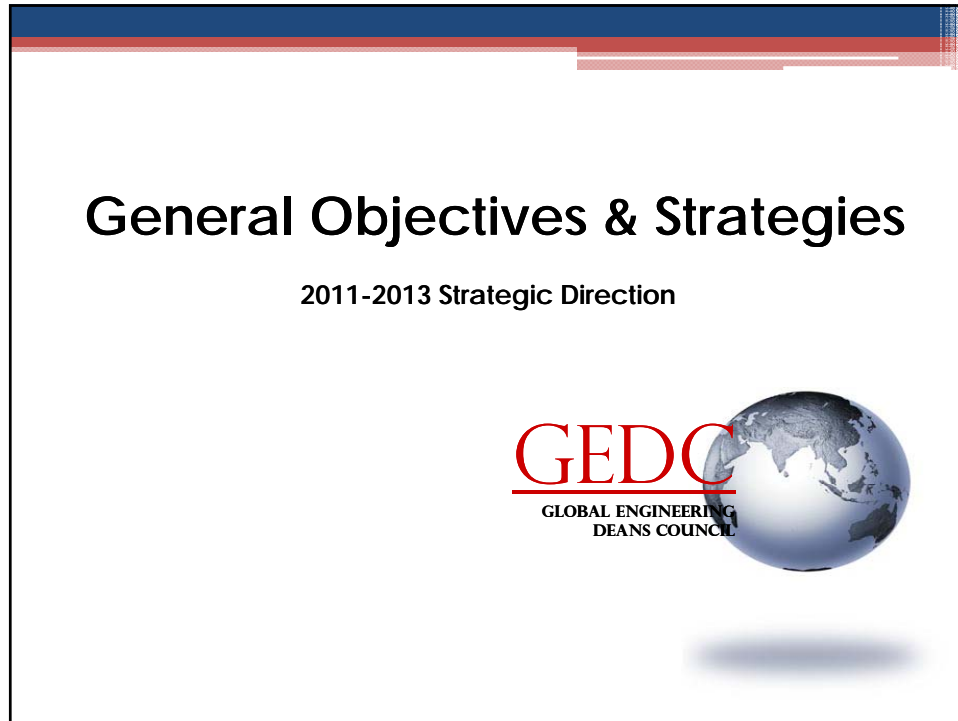
\$5000 Annually


- **Business Affiliates** **\$5,000 Annually**
- Business Affiliate membership is offered to individuals who represent corporations and industry (both public and private) in engineering related fields across the world.
- Joint membership of GEDC and IFEES will be offered at a discount rate of 20% off the sum of GEDC Business Affiliates membership fee and IFEES Industrial Organization membership fee.
- Business Affiliates are identified as such and will be acknowledged on all GEDC communications, marketing and promotions, in print and on the GEDC website.
- Business Affiliates have access to the GEDC website, and representatives may update their company profiles.
- Business Affiliates have the right to participate in GEDC working groups and committees.
- Business Affiliates receive invitations to GEDC meetings, conferences and/or GEDC member-sponsored events.
- Business Affiliates are granted 100% registration fee discounts for two (2) representatives on one of GEDC meetings or conferences.
- Business Affiliates can be asked to shape agendas of GEDC meetings, conferences and/or GEDC member-sponsored events.
- Business Affiliates have the right to either host or participate in relevant panels, training sessions, leadership sessions, and/or presentations included in GEDC meetings, conferences and/or GEDC member-sponsored events.
- Business Affiliates do not have a right to vote or run/hold GEDC leadership positions.
- Business Affiliates may request GEDC Secretariat's assistance in identifying and contacting academic, associate and institutional partners for collaborative purposes and joint activities.
- Business Affiliates may ask GEDC members for help in order to better accomplish their collaborative work and joint activities with academic, associate and institutional partners.

## Chapter Members

\$100 Annually per member

- **Chapter Members** **\$100/Member Annually**
- An engineering dean's organization which meets all Chapter membership conditions may apply to become a GEDC Chapter; all members of the organization who pay Chapter membership fee will be recognized as GEDC Chapter Members.
- Regular and Associate Members of GEDC, who belong to the engineering dean's organization, are not considered as GEDC Chapter Members and do not have to pay Chapter Membership fee.
- A GEDC Chapter may select and recommend up to N individual(s) as its GEDC Chapter Representative, where N is the integer part of the total membership fee paid by the Chapter divided by \$1,000. For example, if there are 36 deans in the organization who would like to be GEDC Chapter Members, the total Chapter Membership fee is \$ 3,600. This Chapter can recommend 3 GEDC Chapter Representatives.
- GEDC Chapter Members who are not GEDC Chapter Representatives have the same benefits as those of Observers with the following exception: the Chapter membership is not limited to one year, and may continue as long as the Chapter remains and the Chapter membership fee is paid.
- GEDC Chapter Representatives have the benefits of Regular Members with the following exceptions:
  - Chapter Representatives do not have the right to run for, be elected and hold GEDC leadership positions.
  - Chapter Representatives will not have full profiles on the GEDC members page, but will be recognized as GEDC Chapter Representatives on their Chapter page.





## General Objectives & Strategies


### 2011-2013 Strategic Direction

**Objective 2 – Curriculum Leadership**

Provide a means for engineering deans to partner with one another in curriculum development and innovation, and to collaborate with industry and other stakeholders.

**Strategies**

- a. Organize periodic meetings and web-based fora to discuss emerging issues and challenges, and to share best practices pertaining to curriculum development and student learning experiences (leveraged with 1.a)
- b. Identify and address critical, cutting-edge curriculum development issues that are of strategic interest and value to engineering deans (leveraged with 1.b)
- c. Develop pathways for the collaboration with industry and other stakeholders



## General Objectives & Strategies


### 2011-2013 Strategic Direction

**Objective 3 – Policy Leadership**

Build a network that would support engineering deans to play a leadership role in the development of regional, national and international policies to advance societies.

**Strategies**

- a. Host forums and speakers to share information about emerging policy issues and strategies for impacting change
- b. Identify and address critical opportunities where deans could help influence appropriate policies
- c. Develop and share tools and resources to enable deans to be effective in playing a policy-making leadership role
- d. Organize Deans Leadership Institute to mentor and support development of engineering deans (leveraged with 1.d)



## General Objectives & Strategies

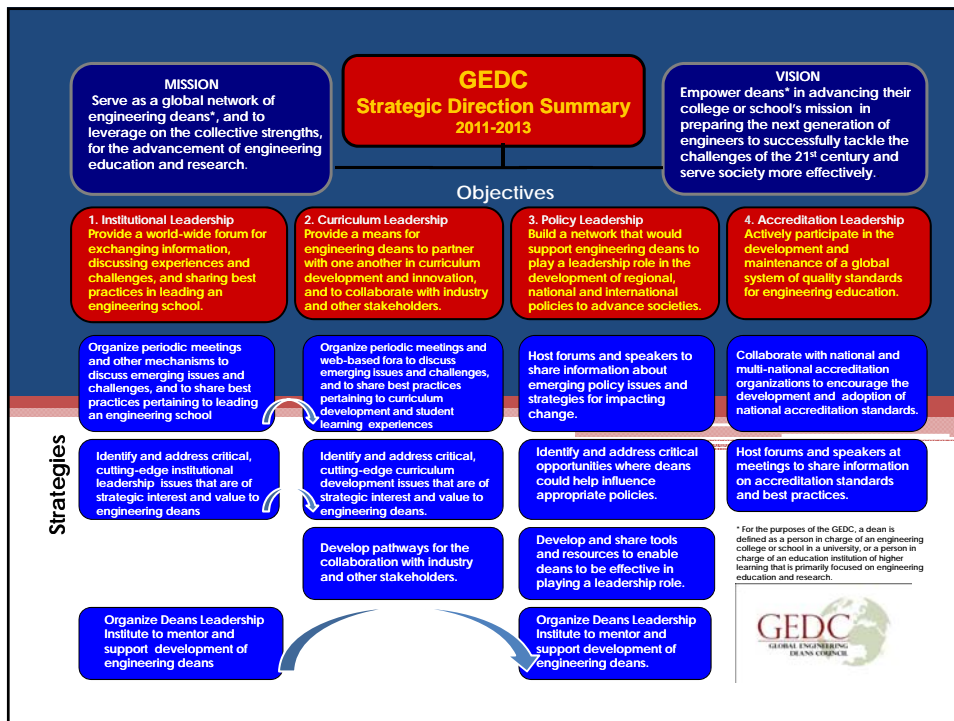
### 2011-2013 Strategic Direction

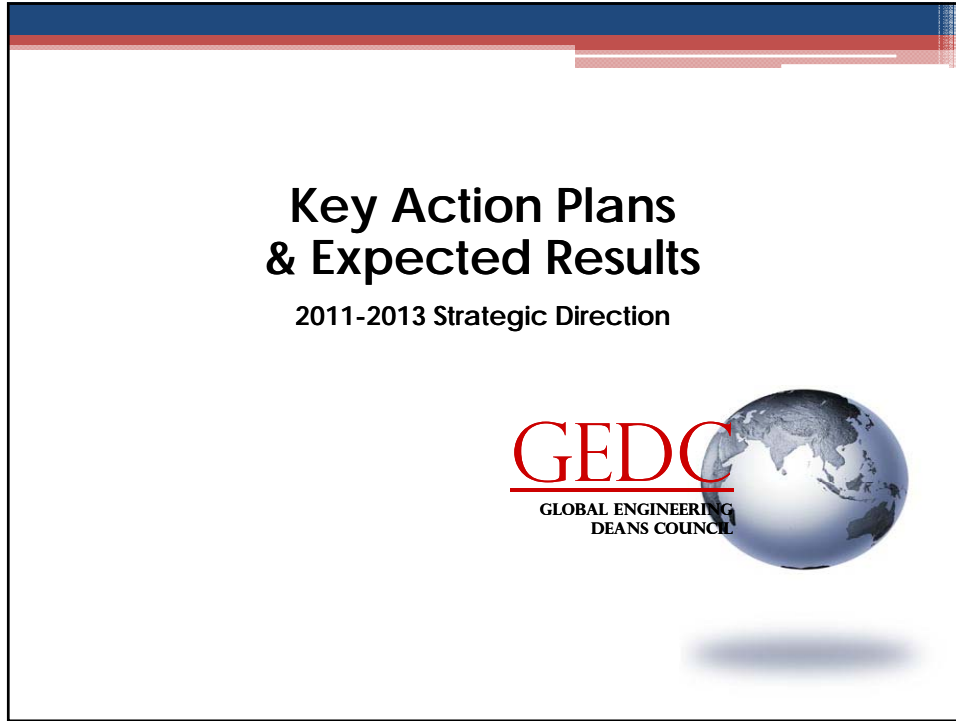
**Objective 4 – Accreditation Leadership**

Actively participate in the development and maintenance of a global system of quality standards for engineering education.

**Strategies**

- a. Collaborate with national and multi-national accreditation organizations to encourage the development and adoption of national accreditation standards.
- b. Host forums and speakers at meetings to share information on accreditation standards and best practices.





	<p><b>Objective 1 – Institutional Leadership</b> Provide a world-wide forum for exchanging information, discussing experiences and challenges, and sharing best practices in leading an engineering school.</p>
<p><b>Strategy 1.a</b> Organize periodic meetings and other mechanisms to discuss emerging issues and challenges, and to share best practices pertaining to leading an engineering school (leveraged with 2.a)</p> <p><b>Key Action Plans:</b></p> <ol style="list-style-type: none"> <li>i. Deliberately incorporate at least one of the following four areas of discussion into GEDC annual meeting: inward (institutional) issues; outward issues; New Deans; Regional vs. Global             <ul style="list-style-type: none"> <li>• Enable and/or augment Q&amp;A for active engagement between audience and presenters/panelists</li> </ul> </li> <li>ii. Identify and integrate top emerging issues into GEDC annual program             <ul style="list-style-type: none"> <li>• Invite people to speak and dialogue about these issues at annual meeting</li> </ul> </li> <li>iii. Provide periodic GEDC news, discussion forums, and website (repository); and enable virtual participation at meetings</li> </ol> <p><b>Strategy 1.b</b> Identify and address critical, cutting-edge institutional leadership issues that are of strategic interest and value to engineering deans (leveraged with 2.b)</p> <p><b>Key Action Plans:</b></p> <ol style="list-style-type: none"> <li>i. Implement process for systematic and periodic collection of top issues:             <ul style="list-style-type: none"> <li>• Create list of proposed critical issues to form the basis for a survey</li> <li>• Conduct survey to define the list going forward</li> <li>• Post to website</li> </ul> </li> <li>ii. Create groups of thought-leaders to ponder critical global issues (as global complement to regional organizations like NAE)</li> <li>iii. Characterize the type of data our constituents may find valuable to collect about Engineering schools; make a recommendation on next steps.</li> </ol> <p><b>Strategy 1.c</b> Organize Deans Leadership Institute to mentor and support development of engineering deans (leveraged with 3.d)</p> <p><b>Key Action Plans:</b></p> <ol style="list-style-type: none"> <li>i. Thoroughly define scope and purpose of Deans Leadership Institute             <ul style="list-style-type: none"> <li>• Implement initiative starting with next GEDC meeting</li> </ul> </li> <li>ii. Create New Deans Leadership Program</li> <li>iii. Make repository of knowledge available on the web</li> </ol>	<p><b>Key Expected results:</b></p> <ol style="list-style-type: none"> <li>i. Heightened level of knowledge and awareness about institutional leadership emerging issues, best practices and opportunities</li> <li>ii. A strategic and structured approach to programming forums and learning experiences on emerging curriculum institutional leadership issues</li> </ol> <p><b>Key Expected results:</b></p> <ol style="list-style-type: none"> <li>i. GEDC Process for systematic and periodical collection and analysis of issues of strategic value to engineering deans as it pertains to institutional leadership</li> <li>ii. Timely, efficient and prioritized response to critical issues</li> </ol> <p><b>Key Expected results:</b></p> <ol style="list-style-type: none"> <li>i. A clearly characterized and documented purpose for a Deans leadership Institute</li> <li>ii. Developmental needs of Deans accurately characterized and addressed in an integrated way</li> <li>iii. Creation of a useful and easy to access repository of pertinent knowledge</li> </ol>

**GEDC**  
GLOBAL ENGINEERING  
DEANS COUNCIL

## Core Organizational Values


Organizational culture can be defined as the specific collection of values and principles that are shared by people and groups in an organization and that control the way they interact with each other and with stakeholders outside the organization. In essence, this is the personality of our organization.

Among the principles that govern the behaviors and practices under which we operate as an organization a handful stand out. We understand that these values will be particularly significant as we drive our organization towards its Vision and Mission. These are the following:




GLOBAL VIEW	COLLABORATION
EXCELLENCE	
CONTRIBUTION	INTEGRITY

**GEDC**  
GLOBAL ENGINEERING  
DEANS COUNCIL



2011-2013 Strategic Direction



### Objective 2 – Curriculum Leadership

Provide a means for engineering deans to partner with one another in curriculum development and innovation, and to collaborate with industry and other stakeholders.

**Strategy 2.a**  
Organize periodic meetings and web-based fora to discuss emerging issues and challenges, and to share best practices pertaining to curriculum development and student learning experiences (leveraged with 1.a)

**Key Action Plans:**

- i. Establish a communication infrastructure for exchanging ideas around curriculum issues and student learning experiences (challenges, best practices and innovation)
  - Determine resources and infrastructure within GEDC to implement

**Strategy 2.b**  
Identify and address critical, cutting-edge issues curriculum development that are of strategic interest and value to engineering deans (leveraged with 1.b)

**Key Action Plans:**

- i. Form a Deans/Industry-led Subgroup or Taskforce to discover challenges (solicit feedback), aggregate best practices, prioritize and publish results
- ii. Facilitate sharing of best practices concerning models to address change management and motivate eng faculty to innovate curriculum
- iii. Develop a “Deans’ Resource Book” indicating areas they can offer assistance to other deans

**Strategies 2.c**  
Develop pathways for the collaboration with industry and other stakeholders

**Key Action Plans:**

- i. Create a Corporate Members Council (CMC) to serve as think tank (FEES-GEDC).
- ii. Define a clear value proposition for industry to participate in GEDC
- iii. Leverage communication structure to share information about best practices (e.g. publish current opportunities that exist in industry for engineering schools: academic, research, student/faculty internships, etc)
- iv. Expand spectrum of industry participating in GEDC (e.g., manufacturing industry),
  - GEDC companies recruit their customers into GEDC
  - Education campaign for future industry

**Key Expected results:**


- i. Heightened level of knowledge and awareness among about curriculum innovation issues and opportunities
- ii. A strategic, deliberate approach to programming forums and events on emerging curriculum innovation issues

**Key Expected results:**

- i. Sustainable process for systematic and periodical collection and analysis of issues of strategic value to engineering deans as it pertains to curriculum innovation
- ii. Timely, efficient and prioritized response to critical issues

**Key Expected results:**

- i. Wider industry involvement in GEDC
- ii. Increased visibility of Industry-University collaboration best practices
- iii. Clear, systematic and continuous visibility of opportunities for collaboration with industry
- iv. Promotion of dialog and discussions with industry is managed as a strategic activity



### Objective 3 –Policy Leadership

Build a network that would support engineering deans to play a leadership role in the development of regional, national and international policies to advance societies.

**Strategy 3.a**  
Host forums and speakers to share information about emerging policy issues and strategies for impacting change

**Key Action Plans:**

- i. Ensure annual GEDC meetings include debate on at least one major policy related issue (e.g., Energy and Water in Singapore 2010)
- ii. Turn debate outcomes into crafted report and possible policy statement for distribution to all GEDC members and possible use in respective constituencies
- iii. Create discussion (members only) page on GEDC website (applicable also to 3.b below)

**Strategy 3.b**  
Identify and address critical opportunities where deans could help influence appropriate policies

**Key Action Plans:**

- i. Monthly emailed newsletter to all members containing external links to policy info & opportunities
  - Recognize and endorse where existent
  - Form and initiate where not existent
- iii. Create discussion (members only) page on GEDC website

**Strategies 3.c**  
Develop and share tools and resources to enable deans to be effective in playing a policy-making leadership role

**Key Action Plans:**

- i. Rich regional coaching and development opportunities
- ii. Increased cross-fertilization of knowledge and skills across regions

**Strategy 3.d**  
Organize Deans Leadership Institute to mentor and support development of engineering deans (leveraged with 1.d)

**Key Action Plans:**

- i. Strategic developmental needs of Deans accurately characterized and addressed in an integrated way
- ii. Availability of senior advisory resources on policy-making leadership

**Key Expected results:**

- i. Enhanced level of knowledge and awareness among GEDC members about these matters
- ii. Timely and expeditious distribution of this information to all GEDC’s members
- iii. A strategic, deliberate approach to programming forums and events on emerging policy-making issues

**Key Expected results:**


- i. Systematic and consistent identification and dissemination of these crucial opportunities
- ii. Unparalleled levels of engagement by GEDC’s constituent groups or individuals in policy-making endeavors

**Key Expected results:**

- i. Rich regional coaching and development opportunities
- ii. Increased cross-fertilization of knowledge and skills across regions

**Key Expected results:**

- i. Strategic developmental needs of Deans accurately characterized and addressed in an integrated way
- ii. Availability of senior advisory resources on policy-making leadership



### Objective 4 – Accreditation Leadership

Actively participate in the development and maintenance of a global system of quality standards for engineering education.

**Strategy 4.a**  
Collaborate with national and multi-national accreditation organizations to encourage the development and adoption of national accreditation standards

**Key Action Plans:**

- i. Provide support to Deans who are new to accreditation processes
- ii. Produce a report about the status and trends of Engineering accreditation in the country and the relationship with licensure for each of the countries represented in GEDC.
- iii. Create an on-line tool where GEDC members can upload information about the programs that they have available (disciplines/accreditation).
  - This tool will facilitate having a Directory of programs represented by GEDC members
- i. Deploy lobbying efforts (jointly with IFEES) with Washington Accord and EUR-ACE to try to get an agreement about mutual recognition.
  - Produce a letter on behalf of GEDC encouraging the Washington Accord and EUR-ACE to come up with a mutual recognition agreement

**Key Expected results:**

- i. Accelerated formation of a global system for the accreditation of engineering programs
- ii. Heightened recognition and transparency of engineering education programs
- iii. Enhanced global mobility of engineering students
- iv. Documented growth of dual/double degree engineering programs

**Strategy 4.b**  
Host forums and speakers at meetings to share information on accreditation standards and best practices

**Key Action Plans:**

- i. Invite deans of accredited programs and officers of Washington Accord and EUR-ACE to participate in next GEDC meetings
- ii. Promote in the regional deans meetings the inclusion of sessions related to accreditation standards and best practices

**Key Expected results:**

- i. Accelerated formation of a global system for the accreditation of engineering programs
- ii. A platform for collaboration between the leaders of engineering schools

# Core Organizational Values

## 2011-2013 Strategic Direction

