

***President's Activity Report  
WFEO Extended Board Meeting***

***Dr. Marlene Kanga AM  
President  
8 April 2019  
Ljubljana***

# World Engineering Day for Sustainable Development

1. 4 March each year –the founding day of WFEO
2. On the UNESCO Executive Board Agenda for decision on 10 or 11 April 2019
3. Proposal led by Namibia, China and 31+ other member nations at UNESCO
4. 80 letters of support from engineering institutions around the world, representing 24 million engineers



# World Engineering Day for Sustainable Development – Supporting Nations @ 2 April 2019

Namibia  
China  
Tanzanie  
Mozambique  
Gambia  
Equatorial Guinea  
Zimbabwe  
Palestine  
Egypt  
Tunisia  
Uruguay  
Senegal  
Liberia  
Nigeria  
Turkey

Madagascar  
Dominicain REPUBLIC  
Guatemala  
Mali  
Iraq  
Gabon  
Coite Voire  
Ethiopia  
Serbia  
Saudi Arabia  
Islamic Republic of Pakistan  
Russian Fédération  
Poland  
Kenya  
Iran



# World Engineering Day Supporting Institutions

Organisation Type	Institution	Country / Region	No. of members
Government	1 Chief Scientist and Engineer	Australia	
Government	2 Australia Dept. Of Foreign Affairs and Trade	Australia	
UNESCO National Commission	3 Australian National Commission to UNESCO	UNESCO Nat Comm Aus	
UNESCO National Commission	4 China National Commission to UNESCO	UNESCO Nat Comm China	
UNESCO National Commission	5 Costa Rica UNESCO National Commission	UNESCO Nat comm Costa Rica	
International	6 Commonwealth Engineers Council	International	
International	7 Federation of African Engineering Organisations	Africa	1,000,000
International	8 Federation of Engineering Institutions in Asia and Pacific	Asia	
International	9 International Federation of Engineering Education Societies	International	
International	10 Pan American Federation of Engineering Societies	America	8,000,000
International	11 European Federation of National Engineering Associations	Europe	3,500,000
Young Engg. Group	12 DiscoverE	USA	50,000
Women in Engg. Group	13 Women in Engineering and Science	Bangladesh	
Women in Engg. Group	14 Women in Science Technology Engineering and mathematics	Mongolia	
Women in Engg. Group	15 WFEO Committee for Women in Engineering	Nigeria	
Women in Engg. Group	16 Women in Science and Engineering (WISE) India	India	
Women in Engg. Group	17 Women in Science and Engineering (WISE) Nepal	Nepal	
Women in Engg. Group	18 WomEng	South Africa	
Women in Engg. Group	19 Women's Engineering Society (WES)	UK	
Women in Engg. Group	20 International Network for Women Engineers and Scientists (INWES)	International	250,000
Engg. Registration Body	21 Council for Regulation of Engineering in Nigeria	Nigeria	
Engg. Registration Body	22 Pakistan Engineering Council	Pakistan	250,000
Engg. Registration Body	23 Engineering Council of South Africa	South Africa	52,000
Engg. Registration Body	24 Engineering Council of Zimbabwe	Zimbabwe	3,000
Professional Engg. Institution	25 Australasian Institute of Mining and Metallurgy	Australasia	
Professional Engg. Institution	26 Engineers Australia	Australia	100,000
Professional Engg. Institution	27 Science Technology Australia	Australia	70,000
Professional Engg. Institution	28 Bahrain Society of Engineers	Bahrain	2500
Professional Engg. Institution	29 Committee of Engineers Belgium (CIBIC)	Belgium	20,000
Professional Engg. Institution	30 FEBRAE	Brazil	1,300,000
Professional Engg. Institution	31 Federation of Scientific and Engineering Unions	Bulgaria	15,000
Professional Engg. Institution	32 China Association of Science and Technology	China	80,000,000
Professional Engg. Institution	33 Colegio Federado de Ingenieros y de Arquitectos de Costa Rica	Costa Rica	31,500
Professional Engg. Institution	34 Technical Chamber of Cyprus (ETEK)	Cyprus	14,000
Professional Engg. Institution	35 Ingenenures et Scientifique de France (IESF)	France	1,000,000
Professional Engg. Institution	36 Ghana Institution of Engineering	Ghana	
Professional Engg. Institution	37 Technical Chamber of Greece	Greece	104,000



# World Engineering Day Supporting Institutions

Organisation Type	Institution	Country / Region	No. of members
Professional Engg. Institution	38 Hong Kong Institution of Engineers	Hong Kong, SAR of China	34,600
Professional Engg. Institution	39 Institution of Engineers India	India	800,000
Professional Engg. Institution	40 Iraqi Engineers Union	Iraq	200,000
Professional Engg. Institution	41 Institution of Engineers Malaysia	Malaysia	49,450
Professional Engg. Institution	42 Institution of Engineers Mauritius	Mauritius	1,100
Professional Engg. Institution	43 Myanmar Engineering Society	Myanmar	60,000
Professional Engg. Institution	44 Engineering New Zealand	New Zealand	22,000
Professional Engg. Institution	45 Nigerian Society of Engineers	Nigeria	47,972
Professional Engg. Institution	46 Institution of Engineers Pakistan	Pakistan	62,000
Professional Engg. Institution	47 Colegios del Ingenieros del Peru	Peru	217,300
Professional Engg. Institution	48 Philippines Institution of Civil Engineers	Philippines	88,950
Professional Engg. Institution	49 Ordem dos Engenheiros de Portugal	Portugal	50,000
Professional Engg. Institution	50 Russian Union of Scientific and Engineering Associations	Russia	150,000
Professional Engg. Institution	51 Union of Scientific and Engineering Associations	Russia	210,000
Professional Engg. Institution	52 Institution of Engineers Rwanda	Rwanda	1,500
Professional Engg. Institution	53 Union Nationale de Ingenieurs de Senegal	Senegal	3,000
Professional Engg. Institution	54 Sierra Leone Institution of Engineers	Sierra Leone	1,200
Professional Engg. Institution	55 Institution of Engineers Singapore	Singapore	
Professional Engg. Institution	56 Slovenia Chamber of Engineers	Slovenia	6,500
Professional Engg. Institution	57 Institute of professional engineers and technologists	South Africa	5,500
Professional Engg. Institution	58 South Africa Federation of Engineering Organisations	South Africa	
Professional Engg. Institution	59 South Africa University Stellenbosch	South Africa	3,900
Professional Engg. Institution	60 South African Institute for Civil Engineers	South Africa	11,000
Professional Engg. Institution	61 South African Chamber of Engineering Technologists	South Africa	6,000
Professional Engg. Institution	62 South African Institute for Mining and Metallurgy	South Africa	5,000
Professional Engg. Institution	63 Institution de la Ingenieria de la Espana	Spain	120,000
Professional Engg. Institution	64 Institution of Engineers Sri Lanka	Sri Lanka	
Professional Engg. Institution	65 SWISS Engineering, Section de Genève	Switzerland	15,000
Professional Engg. Institution	66 Institution of Engineers Tanzania	Tanzania	
Professional Engg. Institution	67 Ordre des Ingenieurs Tunisiens	Tunisia	70,000
Professional Engg. Institution	68 Institution of Civil Engineers UK	UK	92,000
Professional Engg. Institution	69 Institution of Structural Engineers UK	UK	130,000
Professional Engg. Institution	70 Association of Engineers Uruguay	Uruguay	6,000
Professional Engg. Institution	71 American Society of Civil Engineers	USA	150,000
Professional Engg. Institution	72 West African Federation of Engineering Organisations	West Africa	
Professional Engg. Institution	73 Zimbabwe Institution of Engineers	Zimbabwe	6,000
University	74 Aston University Birmingham UK	UK	9,500
University	75 Georg Agricola University	Germany	15,000
Engineering Academy	76 Australian Academy of Technology & Engineering	Australia	800
Engineering Academy	77 Chinese Academy of Engineering	China	870
Engineering Academy	78 Academies des Technologies	France	
Engineering Academy	79 Royal Academy of Engineering	UK	1,600
			22,415,742



# WFEO Engagement with UNESCO Member Nations

1. **31 Jan 2019:** Information symposium for UNESCO member delegations from Africa, hosted by the Africa Group – Science Working Group, chaired by the Permanent Delegation from Namibia. Speakers were WFEO leaders from Africa
2. **1 Feb 2019:** Information Symposium for all UNESCO member nations, hosted by UNESCO Capacity Building Section, chaired by Dr. Peggy Oti-Boateng, Director Capacity Building, Natural Sciences Sector, UNESCO
3. Thanks to WFEO speakers: Martin Manuwha, Valerie Agberagba, Mustafa Shehu, Papias Kazawadi Dedeki, Pratarp Singh, Gong Ke, Jose Vieira



# WFEO Events

1. **GEC2018:** Successful event with 90 invited speakers by WFEO over two days – 22-23 October 2018, London. A sell-out event with many outcomes. Separate Outcomes Report prepared.
2. **World Construction Forum Ljubljana Slovenia 8-10 April 2019** with a focus on SDG 6, 7, 9, 11 13 and 17 (hosted by Slovenia Chamber of Engineers, National member of WFEO), [www.wcf2019.org](http://www.wcf2019.org)
3. **World Engineers Convention Melbourne Australia (WEC2019), 20-22 November 2019**, Focus on: SDGs (Hosted by Engineers Australia, National member of WFEO), [www.wec2019.org.au](http://www.wec2019.org.au).  
80 abstracts submitted, 10 WFEO sessions, 5 UNESCO invited speakers.



# Relationships with International Organisations

1. Engagement with **OECD** and collaboration on project on AI and reasonable use of Data
2. Engagement with **International Science Council** in several area – Food and Agriculture, AI and Data etc.
3. Discussions with **International Engineering Alliance** and invitation to attend workshop in Hong Kong on international engineering education standards
4. Planning for Attendance by WFEO leaders (Marlene Kanga, Gong Ke, Reggie Vachon and others to the STI Forum in May 2019 and the **High Level Political Forum on UN SDGs**, in New York, July 2019
5. Ongoing work on **UNESCO Engineering Report II** – many WFEO authors
6. Ongoing engagement with the **International Standards Organisation Technical Committee (TC-59) on Anti-Bribery and Governance Standards**





# Internal WFEO Projects

1. Completion of WFEO History Video on Past Presidents
2. Continuing work on WFEO History, to be printed and distributed in Nov 2019
3. Review of member fees
4. Review of member categories and creation of new category "Distinguished fellow"
5. Development of Rules of Procedure and Constitution Changes for:
  1. International member representation at Ex Co
  2. Member categories incl. Distinguished Fellow and membership committee
6. Processes for new Working Groups – Water, Infrastructure Report Card
7. Call for Hosts of STCs in progress
8. Development Tri-fold brochure
9. Further Web-site enhancements



# WFEO History Video

As part of the 50<sup>th</sup> Anniversary celebrations WFEO Past presidents speak about WFEO, its role and its achievements.

