



**EWB INTERNATIONAL GLOBAL FORUM 2017**

# **THE FORMATION OF ENGINEERS: A GLOBAL ISSUE**

**24-25 AUGUST 2017  
LONDON, UNITED KINGDOM**

# WELCOME



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**On behalf of Engineers Without Borders International (EWB-I), it gives me great pleasure to welcome you to the third Global Forum and once again bring together the EWB community to share knowledge and increase collaboration.**

EWB-I is an international association of national EWB/ISF groups who all recognise that engineering has a vital role to play in solving global challenges, whether that be socioeconomic injustice, the effects of climate change or the pressures of a growing population that is increasingly living in towns and cities. For this reason, we recognise that it is crucial we look at the formation of engineers - the people who are the driving force behind the engineering interventions that are changing and shaping the world around us. This is why we have chosen to explore the topic of **'The Formation of Engineers: A Global Issue'** at this year's Global Forum.

As an organisation committed to facilitating collaboration and exchange of information between our member associations and assisting them to achieve their goals, EWB-I is excited to see how we come together as a community around this topic over the course of the Global Forum. You have all been asked to bring your stories of collaboration to share but I hope that you also find the time to listen and explore new ideas, because together we will achieve so much more than if we act alone.

I am very pleased that this year we have the continued support of Arconic Foundation, without whom this event would not be possible. I am also very pleased that the Global Forum has crossed the Atlantic for the first time and is being hosted by Engineers Without Borders UK in their hometown of London. We are fortunate this year to welcome a new supporter, the Royal Academy of Engineering, and I wish to thank them for their support in hosting this event and providing their insight in the international engineering sector.

Finally, I'd like to take the opportunity to thank you all for travelling to the UK to represent your national EWB/ISF group. It is a pleasure to share in your company and hear about the excellent work you all do. I hope you enjoy the event and I look forward to our future collaborations and addressing global challenges through engineering together.

Oliver Nachevski  
President, EWB International

# TIMETABLE

This year's Global Forum is all about the development of engineers and what we, as the Engineers Without Borders movement, are doing about it. Together, we will explore what levers are being used and could be used, to make engineers fully aware of environmental, social, ethical and political issues in their education, and why and how these issues are important in the workplace and community at large. The Global Forum is an event to promote knowledge sharing and increase collaboration amongst the Engineers Without Borders community.

Time	Topic
Day One - Exploring the issues	
12:00-13:00	Registration and welcome lunch
13:00-13:30	Welcome Oliver Nachevski, President EWB International Andrew Clark, Director of Programmes, Royal Academy of Engineering
13:30-14:30	The Formation of Engineers: A Global Issue. Panel Discussion. Chaired by Andrew Clark Panellists: Bernard Amadei, David Lakin, Shane McHugh and Wiebke Toussaint
14:30-17:00	The Formation of Engineers: A Global Issue. Exploring the issues together. Facilitated by Anne Bennett
18:00-21:30	Dinner
Day Two Working together through collaboration	
9:30-10:00	Registration
10:00-10:15	Welcome and Introduction
10:15-12:30	The Formation of Engineers: Working together through collaboration, Part One Facilitated by Anne Bennett
12:30-13:30	Lunch
13:30-15:45	The Formation of Engineers: Working Together through collaboration, Part Two Facilitated by Anne Bennett
15:45-16:15	Planning for the future
16:45-17:00	Closing remarks from Oliver Nachevski

## Venues

Global Forum: Royal Society of Arts (RSA), 8 John Adam St, London WC2N 6EZ.  
Tel: 020 7930 5115

Dinner: Coopers Bar and Restaurant, 49 Lincoln's Inn Fields, London WC2A 3PF  
Tel: 020 7831 6211

# SPEAKERS

## Oliver Nachevski

President of EWB International

Oliver Nachevski is a water and sanitation engineer with more than 30 years professional experience in the sector. Oliver is currently a Project Manager for the German Organization for International Cooperation (GIZ) working as regional water expert. Oliver is the founding President of EWB Macedonia and since 2014 EWB-I President.



## Andrew Clark

Director of Programmes, Royal Academy of Engineering

Andrew Clark has been Director of Programmes at the Royal Academy of Engineering since October 2016, responsible for the Academy's enterprise, international and research activities. Before this, he worked as Director of Research Planning at UCL, with a particular focus on supporting cross-disciplinary research addressing global challenges. From 2003 to 2008, he worked at the Engineering and Physical Sciences Research Council as a research portfolio manager. He has a doctorate in philosophy of science from Oxford University.



# FACILITATOR

## Anne Bennett

Event facilitator

Anne Bennett is a consultant psychologist and change facilitator, who has worked extensively across public and voluntary sectors, at international, UK and community levels. She helps people to come together from diverse backgrounds and perspectives, to work as a whole system, and to focus on their common interests and create ideas and actions.





# PANELLISTS



## Bernard Amadei

Co-Director of the Mortenson Center, University of Colorado

Bernard Amadei is interested in how to use system dynamics tools to: (i) model the complex interactions taking place across social, natural, economic, and infrastructure systems; and (ii) understand how such interactions contribute to sustainable development. Bernard is also interested in the new field of Peace Engineering and encouraging engineers to develop systemic methods and technologies to support peace-building efforts in conflict avoidance, reduction, and/or recovery. Bernard is founding president of EWB-USA and co-founder of EWB International.



## David Lakin

IET Head of Education 5-19

Working directly with young people aged 5 -19 years old, teachers, parents and other STEM education partners, we provide a wide range of opportunities and initiative careers information, grant funding and FREE curriculum-linked STEM resources aimed to support the delivery of STEM to inform and inspire the next generation of engineers.



## Shane McHugh

Head of International work at Royal Academy of Engineering

Shane McHugh is Head of International Activities at the Royal Academy of Engineering, and is responsible for developing international strategy, and developing, overseeing and delivering the Academy's £9m annual portfolio of international grant programmes, including major individual and institutional capacity building programmes under the Newton Fund and Global Challenges Research Fund.



## Wiebke Toussaint

Co- Founder EWB South Africa

Wiebke's passion lies where technology meets people and engineering touches society. She co-founded Engineers Without Borders South Africa in 2013 and lead the organization as CEO until April this year. Beyond EWB Wiebke is embracing the industrial opportunities that big data and artificial intelligence present to the engineering sector.

# REPRESENTED



## EWB Argentina

Represented by: Adan Levy

Engineering without Borders Argentina (EWB-Argentina) is an interdisciplinary civil association working for the development of socially deprived local communities through engineering projects. EWB Argentina offers three online University training programs in (1) The Strategic Management of Social Projects (2) An online course called Sustainable Development: Tool for Management and (3) Energy and Sustainable Development.



## EWB Australia

Represented by: Peter Baynard-Smith, Samuel Perkins

Engineers Without Borders Australia is a community organisation with over 3,000 members and has been involved in creating social change through engineering for over 14 years. EWB Australia seeks to build social value through engineering and works with community partners on water, built engineering, sanitation, energy and hygiene projects in Australia and Asia Pacific. EWB Australia annually engages with 12,000 school aged students through humanitarian engineering workshops. EWB Australia also engage with 9,000 engineering students through the design challenge and 400 students through 'design summits'. EWB Australia curates the Journal of Humanitarian Engineering and facilitates a portfolio of 50 research projects.



EWB Argentina

# REPRESENTED



## EWB Burundi

Represented by: Jean Claude Sabushimike

EWB-BURUNDI is working to provide technical assistance through humanitarian actions to the poor rural communities in Burundi. Member of Engineers Without Borders-International since 2008. EWB-BURUNDI is actively engaged in promoting technical assistance to Burundian poor, rural communities by developing programs for humanitarian assistance through different projects. The scope of EWB- Burundi projects include water access, health, educational training for new technologies, farming, experience exchange and collaboration with other engineering associations.



## EWB Canada

Represented by: Annelies Tjebbes

Engineers Without Borders Canada works to unlock human potential in Sub-Saharan Africa by investing in forward-thinking social enterprises. We unlock human potential in Canada by fostering a community of systems change leaders contributing to global change. Finally, we unlock human potential globally by collaborating with innovators across boundaries.



## EWB Chile

Represented by: Cristobal Bisso, Francisca Letmaire, Sole Ferrer

Engineers Without Borders-Chile has been working for a year with 30 volunteers in 6 chapters. They deliver workshops on community engagement, impact, recycling, STEAM workshops targeting girls and classes on entrepreneurship and global engineering with Universidad Catolica.

INGENIØRER  
UDEN GRÆNSER

## EWB Denmark

Represented by: Dorte Madsen, Jan Holmegaard Hansen

Engineers without Borders - Denmark, is a technical humanitarian organization that, through the vision "Building a better tomorrow" seeks to re-establish life-preserving measures for people in need. They provide water, energy and housing for people fleeing from war. EWB Denmark has established partnerships and capacity building projects with an MoU in two Universities in Freetown and Kenema in Sierra Leone. EWB Denmark has projects in Bolivia and Sierra Leone.

# REPRESENTED



## EWB France

Represented by: Jérémy Billon and Rémi Rousselet

Ingénieurs Sans Frontières (Engineers Without Borders) promotes sustainable development, equal rights of peoples and harmonious implementation of civil, political and economic rights. They do this by questioning the engineers' role, practices and technology so that it may better serve sustainable development for humanity and the planet. Through 'Training the Citizen Engineer' EWB France is fostering a progressive change to engineering training courses and a focus on current social and environmental issues.



## EWB Finland

Represented by: Maksim Korobkin

EWB Finland's objective is to advance human development through appropriate technology and engineering solutions for the betterment of society and planet. Through projects focused on water, sanitation, waste management, health care, education, sustainable rural development and climate change, EWB Finland promotes a holistic and systematic approach to sustainability. Currently EWB Finland is working with partners in India.



## EWB Honduras

Represented by: Luis Enamorado, Kevin Tosta, Allan Lizardo, Gabriel Rodriguez

Engineers Without Borders Honduras became a student led organisation 5 years go and has 25 members. EWB Honduras has worked on wide ranging projects in solar panels installation, GPS station with UNAVCO, research into water contamination and desalination amongst others. As EWB Honduras was established in the only engineering university in Honduras, we are passionate about using our technical skills to meet the needs of our societies.



## EWB Hong Kong

Represented by: Edward Chan Chi Wing, Tommy Ka Chun Wong

Engineers Without Borders Hong Kong was founded in 2008 and seeks to accelerate the lives of disadvantaged communities through engineering. EWB Hong Kong works with engineering professionals both nationally and internationally in Cambodia, Myanmar, India and Singapore. Through a training committee, EWB Hong Kong is creating a knowledge hub of engineering resources that will serve the nearby regions.

# REPRESENTED



## EWB Kosovo

Represented by: Alban Muçiq, Vigan Jashan, Albana Hysenaj

Engineers Without Borders Kosovo is a non-governmental organization established to partner with developing communities in order to improve their quality of life. This partnership involves the implementation of sustainable engineering projects, while involving and training responsible engineers and engineering students. EWB Kosovo this year has implemented two important projects where local communities were involved to promote safe and clean environment and also promote voluntary work through an online platform.



## EWB Macedonia

Represented by: Oliver Nachevski

Engineers Without Borders Macedonia was established in November 2006 by five founders. Today it has over 100 members with 30 senior, 50 junior engineers and more than 20 students studying with different universities in Macedonia. EWB Macedonia regularly holds meetings on topics of global education in engineering.



## EWB New Zealand

Represented by: Caroline Hope, Emily Hilton

Engineers Without Borders New Zealand aims to connect, educate and empower people through humanitarian engineering. We use a people centred, strength based approach to improving community health, well-being and opportunity. The organisation has been running for 8 years, with a network of over 2,000 current and alumni members.



## EWB Norway

Represented by: Anne Asselinde Willencourt, Ola Mannsaaker

Engineers Without Borders Norway contributes to solve practical issues around the world through small steps which can create great changes to people and communities. EWB Norway seeks to involve the 500+ members through discussion, formation and missions internationally.

# REPRESENTED



## EWB Rwanda

Represented by: Wellars Bahoranye

EWB-Rwanda is a national Non-Governmental Organization, humanitarian organization established to partner with developing communities worldwide in order to improve the quality of life by meeting their self-identified engineering needs and was officially registered on 27th January 2016 by Rwanda Governance Board (RGB).



EWB Rwanda



EWB Kosovo



# REPRESENTED



Engineers Without Borders  
Sierra Leone

## EWB Sierra Leone

Represented by: Mohammed K Khali, Ibrahim Bah

Engineers without Borders Sierra Leone was established in 2001 with a focus on WASH programmes and capacity building. EWB Sierra Leone is ran by a core management and collaborates with Civil Society Organisations (CSOs) and WASH Networks for student placements, internships and career development programmes.



## EWB Sweden

Represented by: Gustav Isaksson

Engineers Without Borders Sweden is a fast-growing organization with local chapters all over Sweden. The mission of EWB Sweden is to promote educational possibilities and to inspire young people to become engineers. Through EWB Sweden, members gain skills in technology and leadership.



## EWB South Africa

Represented by: Wiebke Toussaint

Engineers Without Borders South Africa envisions an engineering sector in which people can live their passion, unfold their potential and work with compassion. We are realising this vision by empowering (local) engineers to empower (local) communities. Over our 5 years of existence we have grown into a national community of close to 2,000 engineers. We run a range of educational programmes, including a student leadership programme, project management workshops and technical advisory boards. We also run a Design Challenge that promotes experience based learning, including working on a national network of student members. We encourage young engineers to reflect on their profession and we are piloting EWB High School groups to empower high school learners across South Africa to use low tech solutions to improve their communities.



## EWB USA

Represented by: Cathy Leslie

Engineers Without Borders- USA has almost 300 chapters across the United States comprised of 16,800 volunteers. The chapters partner directly with communities on projects to meet the community's self-identified needs. Our vast network of dedicated volunteers range from first-year engineering students and engineering professionals to public health professionals.

# HOSTED BY

## EWB-UK

Represented by: Emily Cabon, Katie Cresswell Maynard, Megan Jones, Annabel Fleming, Sylvia Roberge

Engineers Without Borders UK is really excited to be hosting the EWB-I Global Forum this year and can't wait to show you our home here in London.

Engineers Without Borders UK brings people, ideas and engineering together to respond to the complex challenges that we face as a global community. We do this by working at all levels of education to inspire more people to become engineers by challenging their perception of what engineering is. We support partner organisations around the world by adding to their engineering capacity with trained personnel and we lead a growing social movement who are rejecting the status quo and demanding change in the engineering community.



UK  
ENGINEERS  
WITHOUT BORDERS







EWB-UK partner KDI delivering a school workshop

# ATTENDING



## Anne Asselin de Willencourt

Anne is a Project Coordinator at EWB Norway assisting small and medium size NGOs achieving their project goals by providing technical engineering competence. Before joining EWB Norway Anne worked several years with the UN and international NGOs in international humanitarian and development projects in Sub-Saharan Africa and Asia.

## Ibrahim Bah

Ibrahim is a graduate in community development studies with a focus on working in the local community. He is representing EWB Sierra Leone.



## Wellars Bahoranye

Wellars Bahoranye is a Civil engineer and a founding member of EWB-RWANDA. In recent year, Wellars has worked with the Belgium Technical Cooperation (BTC) as Expert of Infrastructures and managed engineering projects (energy, water, infrastructure) with the Rwandan Government. Wellars is currently working on the construction of Technical Vocational Educational Training centres in Rwanda.



## Peter Baynard-Smith

Pete Baynard-Smith has been the CEO of EWB Australia since May 2016. With a background in engineering in international development across Africa and Asia, he also has experience managing country and regional programs with World Vision, Concern Worldwide and TEAR fund. Pete is passionate about exploring greater collaboration across EWB-I.



## Jérémy Billon

Jeremy has been responsible for the international activities for Ingénieurs Sans Frontiers for two years and believes that engineering education must be global, social, empathetic and political.





# ATTENDING

## Cristobal Bisso

Cristóbal is an industrial engineer who became part of volunteer programmes during University and established EWB Chile. He is a teacher of social entrepreneurship and is currently working at Santiago City Hall developing education and health programs.



## Emily Cabon

Emily is the Membership Officer at Engineers Without Borders UK. Since starting in March 2016, Emily has supported the organisation's membership review and the implementation of the new membership structure. Before Engineers Without Borders UK, Emily worked with other international development charities, campaigning on a number of issues.



## Kevin Gamez

Kevin is a Civil Engineering student at the Universidad Politécnica de Ingeniería UPI and has been a member of Engineers without Borders Honduras since 2017.



## Edward Chi-Wing Chan

Edward Chi-Wing Chan is a chartered engineer and member of many engineering organisations including the Waste Management Advisory Group, the Committee on Recycling Fund and Henderson Land. He holds degrees from HKU and UCL, and is experienced in project management, sustainability of built engineering and building services.



## Katie Cresswell-Maynard

Katie is the Interim Chief Executive at Engineers Without Borders UK. She brings her passion and expertise for emphasising the social and environmental impacts of engineering into this role to inspire and educate the next generations of engineers and improve engineering practice.



# ATTENDING

## Sole Ferrer

Sole is passionate about engineering and especially how engineers can transform and change social problems. Sole is part of the advisor Counsel for EWB Chile and recognises the role that universities must play in forming global engineers.



## Annabel Fleming

Annabel is the International Programmes Coordinator at Engineers Without Borders UK, where she manages the charity's engineering placement programme, pairing talented UK based engineers with local NGOs and enterprises across 8 developing countries. She has 5 years experience in the international development sector and a masters in Population and Development Studies. Before joining Engineers Without Borders UK she held field positions in Sierra Leone and Nepal.



## Gabriel Gutierrez

Gabriela is in her final year studying a Civil Engineering at Universidad Politécnica de Ingeniería, Honduras. She has been a member of Engineers Without Borders Honduras since 2017.



## Emily Hilton

Emily is an engineer from New Zealand who is passionate about using her skills in the humanitarian field. Emily has been a volunteer with EWB New Zealand for four years and works as part of the learning and change team.



## Jan Holmegaard Hansen

Jan is the coordinator of the thematic group named capacity building and training of EWB Denmark. Jan has had more than 30 years of experience in consulting services, capacity building, training activities and project management within sustainable development, water, energy, climate projects and environmental management.



# ATTENDING

## Caroline Hope

Caroline is Engineers Without Borders New Zealand Auckland's Student Chapter President and National Board of Directors Secretary. She is inspired by opportunities for EWB in the social enterprise space. In her final year of Chemical and Materials Engineering, she is looking to apply engineering skills in the areas of water and energy security.



## Albana Hysenaj

Albana Hysenaj has been a Developer at EWB Kosovo since April 2016. Albana graduated from the University of Prishtina with a bachelor's degree in Computer Science. Since June 2016, Albana has been working as developer at Raiffeisen Bank Kosovo.



## Joseph Hughes

Joseph is a Retired Dean of Engineering, University Distinguished Professor. Director of the Drexel Energy and Environment Institute,. Joseph is a Founder of Peace Engineering. Founder of the second chapter of EWB-USA (Rice University).



## Gustav Isaksoon

Gustav is an Environmental engineer with specialisation in water and sanitation. Gustav is involved with the International EWB as relations coordinator for EWB Sweden. He is also a member of program committee for the EWB Sweden Renewable Energy Program. Gustav has project experience in Sweden, Africa and the Middle East.



## Vigan Jashar

Vigan Jashar is the director of EWB Kosovo and has been a member since 2005. He is a computer graduate.



# ATTENDING

## Megan Jones

Megan is the Programmes Administrator for Engineers Without Borders UK. She is a former international teacher with experience in Colombia and Kazakhstan.



## Momhammed Kahil

Mohammed is a civil and architectural engineer who is passionate about humanitarian engineers. He works in both the public and private sector to promote volunteering and to empower youths.



## Angela Khudonazarova

Angela is a water and sanitation engineer with over 16 years international experience. Ranging from rural water and sanitation systems in Africa and Central Asia to desalination projects in the Middle East. She works on both development and disaster relief projects.



## Maksim Korobkin

Maksim Korobkin is an innovator with skills in Hybrid Media Technology. He joined EWB Norway whilst studying at Metropolitan University of Applied Sciences to learn what international co-operation means. He is interested helping humans to fix issues in our life support systems.



## Francisca Lemaitre

Francisca is a Mining Engineer who has volunteered with various organisations and is part of EWB Chile. Since graduation, Francisca has worked for a gender program for an engineering school. She is passionate about social entrepreneurship and has spent time in Thailand.





# ATTENDING

## Cathy Leslie

Cathy Leslie has served as Engineers Without Borders USA's (EWB-USA) Executive Director since 2004. Cathy has more than 20 years of experience working as a consultant on the design and management of civil engineering projects across the globe and is the recipient of the 2008 William H. Wiley Civil Engineer Award for her contributions to the engineering profession.



## Adan Levy

Adán is a Mechanical Engineer who graduated from the University of Buenos Aires. In 2011 he resigned as an engineering manager to develop engineering projects targeting the most vulnerable. In 2012 he co founded EWB Argentina has been the President since.



## Allan Lizardo

Allan Lizardo is an final year student studying Enviromental Engineering at the Universidad Politécnica de Ingeniería in Honduras. He has been a member of Engineers Without Borders Honduras since 2014.



## Dorte Madsen

Dorte Madsen has more than 13 years of experience working as international recruited for Danish NGOs and the UN System combined with consultancy activity for the Danish Ministry of Foreign Affairs. Dorte has been part of the executive management of EWB Denmark for 5 years.



## Minhal Mahmood

Minal Mahmood is currently the Head of Engineering at Sharewater Limited, a Social enterprise focussing to tackle the water crisis in Developing Countries. Minhal is a qualified Engineer with an extensive Industry knowledge and experience around the Globe.



# ATTENDING

## Ola Mannsaaker

Ola Mannsaaker has been the CEO of EWB Norway since Jan 2017 and has a background in politics, communications and public service.



## Alban Muciqi

Alban is a project coordinator for EWB Kosovo and has been a member since 2014. Alban is a computer science graduate who is looking forward to meeting inspiring people during this forum.



## Luis Palacios

Luis Palacios is a final year student studying Civil Engineering at Universidad Politécnica de Ingeniería in Honduras. He has been a member of Engineers Without Borders Honduras since 2013.



## Samuel Perkins

Samuel Perkins is passionate about the application of appropriate technologies to create sustainable and grass-roots engineering solutions, particularly in development and humanitarian contexts. Samuel is the Director of Education and Research with EWB Australia and looks forward to bringing my experience in academic, humanitarian and private sectors to the movement.



## Sylvia Roberge

Sylvia Roberge is the International Partnerships Manager at Engineers Without Borders UK. With her colleague Annabel Fleming she oversees the implementation of the organisation's international volunteering opportunities.



# ATTENDING

## Rémi Rousselet

Rémi is studying engineering at Centrale Marseille and has been working with ISF for two years. Remi is President of the Marseille chapter and a member of the administrative board.



## Jean Claude Sabushimike

Jean Claude Sabushimike is the President and Founder of EWB Burundi. Jean Claude is a specialist in engineering for rural development and is the Executive Director of the Federation of the Farmers Organisation in Burundi. Jean Claude is a Phd student at TSD-EHESS, Paris.



## Annelies Tjebbes

Annelies Tjebbes is hungry for social change. She has dedicated the past 10 years to investing in thousands of systems change leaders across Canada and supporting their efforts to contribute to poverty alleviation globally. She is eager to share insights and opportunities with the EWB-I board.



## Tommy Wong Ka Chun

Tommy is studying a Bachelors of Science (Honours) in Property Management at the University of Hong Kong Polytechnic University (HKPolyU). Tommy is a youth member of EWB-HK and the Membership Secretary of HKPolyU chapter.



Members of EWB Hong Kong

# SPONSORS

The EWB International Global Forum would not be possible without the generous support of our sponsors. We are grateful for the continued support of the Arconic Foundation who have supported our community for a number of years and we are excited by the involvement this year of the Royal Academy of Engineering. We look forward to building and developing our relationships to achieve more together in the future.



## Arconic Foundation

Arconic Foundation supports programs that help prepare the 21st century engineering and advanced manufacturing workforce. Arconic Foundation is an independently endowed foundation with assets of approximately \$320 million and is the charitable arm of Arconic Inc. – which works in close partnership with customers to solve complex engineering challenges to transform the way we drive, build and power. Through collaboration with our nonprofit partners, our initiatives make quality STEM education opportunities available to students; support engineering and technical skills training through community colleges, technical schools and universities around the world; and help to create access for underrepresented individuals to the STEM fields. The work of Arconic Foundation is further enhanced by the thousands of Arconic employee volunteers who share their talents and time to make a difference in their communities. Established in 2016, Arconic Foundation is active in 26 countries around the globe.



## Royal Academy of Engineering

The UK's national academy for engineering, the Royal Academy of Engineering brings together the most successful and talented engineers from across the engineering sectors for a shared purpose: to advance and promote excellence in engineering. They provide analysis and policy support to promote the UK's role as a great place to do business. They take a lead on engineering education and we invest in the UK's world-class research base to underpin innovation. We work to improve public awareness and understanding of engineering. The Royal Academy of Engineering is a national academy with a global outlook, and use their international partnerships to ensure that the UK benefits from international networks, expertise and investment.



## EWB International

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EWB-I is an international association of national EWB/ISF groups whose mission is to facilitate collaboration, exchange of information, and assistance among its member associations that have applied to become part of the association. EWB-I helps the member groups develop their capacity to assist developing communities in their respective countries. The member groups of EWB-I share a similar mission, which is to partner with disadvantaged communities to improve their quality of life through education and implementation of sustainable engineering projects, while promoting global dimensions of experience for engineers, engineering students, and similarly motivated non-engineers. EWB-I creates links between like-minded organizations and cuts across national borders.

**For more information, visit:**  
**<http://ewb-international.com/>**

ENGINEERS  
WITHOUT  
BORDERS  
INTERNATIONAL

