



Vision And Commitment: Candidacy For WFEO Executive Vice President

April 2025



**Federation of
Lebanese Engineers**



Firas Bou Diab

Dear Colleagues,

I am honored to present my candidacy for the position of Executive Vice President of the World Federation of Engineering Organizations (WFEO). As a civil engineer specializing in transportation infrastructure design and management, and as Chair of the WFEO Young Engineers/Future Leaders (YE/FL) Committee, since 2019, I have dedicated my career to advancing engineering solutions that drive sustainable development and create lasting impact.

Commitment to Engineering and Sustainable Development

My journey in engineering has been deeply intertwined with the UN Sustainable Development Goals (UNSDGs). Through my work with WFEO, I have championed initiatives that align with the Federation's mission to leverage engineering expertise to solve global challenges. Whether addressing SDG 9 (Industry, Innovation, and Infrastructure) through transportation design or SDG 13 (Climate Action) via advocacy for resilient and sustainable infrastructure, my contributions reflect a steadfast commitment to engineering as a force for positive change.

WFEO and Its Global Impact

WFEO plays a crucial role in fostering international collaboration, capacity building, and knowledge exchange among engineers worldwide. As a member of the WFEO Executive Council and a Chair of the Young Engineers / Future Leaders Committee, I have actively contributed to initiatives such as:

- World Engineering Day for Sustainable Development (WED): Being an active member of the WED Working Group since 2021, promoting the role of engineers in shaping a better future through events, competitions, hackathons, and global dialogues.
- WFEO Academy: Supporting professional development opportunities that empower engineers with cutting-edge skills to address 21st-century challenges, by contributing webinars hosted by YE/FL, such as on anti-corruption and sustainability, to the Academy portal.
- WFEO in Africa: As an advocate for sustainable engineering and a strong proponent of young engineers' empowerment, I have actively contributed to WFEO's efforts in Africa through various initiatives, speaking engagements, and strategic discussions that focus on education, capacity building, and sustainability.
- Biennial Reports & Global Advocacy: Contributing to strategic reports that highlight engineering's role in achieving global sustainability goals.

Young Engineers: The Future of Our Profession

One of my strongest commitments has been to empower young engineers, ensuring they have the resources, platforms, and mentorship to drive change and innovation. As Chair of the WFEO Young Engineers/Future Leaders (YE/FL) Committee, I have worked diligently to:

- Establish Young Engineers Forums that foster collaboration and career development, collaborating with groups like Young Engineers Europe and FIDIC Young Leaders Forum.
- Organize impactful webinars, including topics such as ethics in engineering, climate action, offshore wind potential, and young engineers' role in governance.
- Represent young engineers at major global forums, advocating for their role in shaping policies and future infrastructure development.
- Serve as a juror in prestigious engineering competitions, including the 2024 SDG Digital Game Changers Award by the ITU & UNDP, and as a finalist judge for the World

Engineering Day (WED) Hackathon in 2022, 2023, and 2024, recognizing and celebrating the innovative contributions of young professionals in engineering and sustainability.

Through these efforts, we have successfully positioned young engineers as key stakeholders in discussions on sustainable infrastructure, climate change, and the future of engineering practice.

Participation in Global Reforms and Webinars

My active engagement in global policy discussions and technical forums has allowed me to contribute to meaningful reforms in the engineering profession. I have participated as a speaker, panelist, and expert contributor in:

- The COP 26 UN Climate Change Conference, where I supported the joint statement of international youth organizations on climate action.
- The UN High-Level Political Forum, focusing on youth capacity in engineering for SDG 13.
- The World Engineering Day Conferences, where I led discussions on mobility, sustainable cities, and the future of engineering.
- Engineering and transportation policy forums, including the Federation of Arab Engineers and international road safety conferences.

Through these engagements, I have worked alongside global leaders to advance engineering solutions for pressing challenges, ensuring that WFEO and its members remain at the forefront of international policy and innovation.

Vision for the Future

I believe that my vision, technical expertise, and leadership experience uniquely position me to further WFEO's mission. As an experienced businessman and consultant for a multinational organization, I will develop the necessary strategies for WFEO to become a sustainable organization. As Executive Vice President, I will work tirelessly to:

- Strengthen WFEO's engagement with global institutions – the UN, World Bank, UNESCO ensuring that engineers have a seat at the table in shaping policies.
- Bring the perspective of the next generation of engineering leaders to shape WFEO strategies, advocacies and policies for a sustainable organisation.
- Expand opportunities for young engineers to lead and innovate within WFEO and beyond especially through collaboration across WFEO's technical committees and regional members to drive impactful initiatives.

Call to Action: Your Support Matters

Engineering is at the heart of progress, and together, we can drive meaningful change. With your support, I will work tirelessly to advance our profession, empower young engineers, and ensure that engineering remains a force for good in our world. I look forward to your trust and collaboration on this journey in advancing the WFEO's mission.

Best Regards,

Firas Bou Diab

Biography: Firas Bou Diab

Civil Engineer Specializing in Transportation Infrastructure Design & Management | M. Eng | DBA Candidate | WFEO Executive Council Member | Advocate for Sustainable Engineering & Youth Empowerment

Firas Bou Diab is an Associate Principal at Dar, where he has shaped transformative transportation and urban infrastructure projects across 15+ countries over 23 years. Renowned for integrating sustainability, innovation, and equity into engineering solutions, his work spans highways in the UAE, resilient drainage systems in Qatar, and smart mobility frameworks for African cities—all aligned with the UN Sustainable Development Goals (SDGs).

A dynamic global leader, Firas has been serving as Chair of the WFEO Young Engineers/Future Leaders Committee and a WFEO Executive Council Member since 2019, leading initiatives that amplify youth voices in engineering policy. Under his leadership, WFEO's Young Engineers platform has become a cornerstone for mentorship, climate action advocacy, and ethical innovation, highlighted by the acclaimed Engineering the Future webinar series and partnerships with UNESCO, FIDIC Young Leaders Forum, European Young Engineers, and others. He has also contributed to WFEO's Membership, Awards, World Engineering Day, and Strategic Planning Committees, shaping global engineering policies.

An accomplished scholar, Firas is pursuing a Doctor of Business Administration at Paris School of Business, researching ESG reporting's impact on SDG implementation in Lebanon's transport sector. He holds a Master of Civil Engineering from the American University of Beirut (2005) and ranked among the Lebanese University's top graduates (2002).

Professional Leadership & Service

Beyond WFEO, Firas has played a pivotal role in engineering governance and policy. He served as an elected Board Member of the Order of Engineers and Architects (OEA), Beirut (2018–2021) and Secretary of the Social Benefits Fund (2019–2021). He currently serves on



the Scientific Committee and is chairing both the Transport Committee and the LIBNOR (Lebanese Standards Institution) Committee. Since 2022, he has represented the Federation of Lebanese Engineers (FLE) as a Member of the National Road Safety Committee, contributing to policy discussions on transport safety.

Firas remains actively involved with the American University of Beirut, serving as a Board Member of the AUB Alumni Association and previously holding key roles, including Outreach Chair and Treasurer of the Engineering & Architecture Chapter.

Global Thought Leadership

Firas is a recognized global speaker and panelist, contributing to prominent forums such as the World Engineering Day Conference (Madrid 2023), the World Engineers Convention (Prague 2023), and the World Young Scientist Summit (China 2022). He has led discussions on mobility, sustainable cities, and the role of young engineers in shaping the future, with a particular focus on SDG 11 (sustainable cities) and SDG 13 (climate action).

He has also participated in high-level events, including the UN High-Level Political Forum and COP 26, advocating for youth-led innovation and the integration of engineering in sustainable development. His diverse speaking engagements include events organized by WFEO, the Order of Engineers & Architects in Beirut, and several international webinars on topics such as road safety, climate action, and the future of engineering.

Notably, Firas has contributed to the Journal of the Institution of Engineers Mauritius and presented at conferences hosted by the Federation of Arab Engineers and the Ghana Institution of Engineers. He continues to engage with global coalitions, ensuring that youth perspectives are integrated into engineering and policy initiatives aimed at achieving the SDGs.

Vision for the Future

Driven by the belief that “engineering is diplomacy in action,” Firas champions cross-border collaboration, ethical leadership, and inclusive growth. His mission: to empower engineers as architects of a resilient and equitable world.

Languages: Arabic, English, French | Based in Beirut, Lebanon

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