



**Impacts of the Fourth Industrial Revolution on Port-City Integration
“World Port Sustainability Program Aspects”**



Francisco Esteban Lefler

President of PIANC, The World Association for Waterborne Transport

Born in: Madrid (Spain), December 30th 1957

Nationality: Spanish

Present: FCC CONSTRUCCION, S.A. - Technical Director

University Degrees:

- Ingeniero de Caminos, Canales y Puertos (Master in Civil Engineering EQF 7), Universidad Politécnica de Madrid (Madrid Polytechnic University), 1980.
- Ingeniero de Construcción y Electricidad (Master in Construction and Electricity Engineering), Escuela Politécnica Superior del Ejército (Army Superior Polytechnic School), 1986

Official positions:

- Career Civil Servant in the Cuerpo de Ingenieros de Caminos de Canales y Puertos (Civil Engineers Corps) Ministerio de Fomento (Ministry of Deelopment) (1990). On leave since 1994.
- Captain Army Corps of Polytechnic Engineers (1986). Voluntarily retired in 1993.

Technical Committees:

- PIANC (The World Association for Waterborne Transport Infrastructure) President since June 2019
- Board of Management of the Technical Association of Ports and Coasts (Asociación Técnica de Puertos y Costas) since 1999



**Impacts of the Fourth Industrial Revolution on Port-City Integration
“World Port Sustainability Program Aspects”**

- Commissions of ROM (Maritime Works Recommendations) of Puertos del Estado (State Ports), since 1996

Former Technical Committees:

- Chairman of MarCom (Maritime Navigation Commission) of PIANC (The World Association for Waterborne Transport Infrastructure) 2011-2019
- President of Asociación Técnica de Puertos y Costas (ATPYC-Technical Association of Ports and Coasts), PIANC Section Spain 2015-2019.

Short CV

1980-1993 Ministry of Defence: Directorate of Infrastructure. Retired in 1993.

1993-1994 Puertos del Estado (State Ports), Ministry of Public Works and Transportation, as Chief of the Department of Projects.

1994- Today: FCC CONSTRUCCIÓN in several positions in the Technical Services. Technical Director since 2015 with responsibilities of technical support to Works and Tenders for FCC Construcción.

Participates regularly in Courses, Congresses, Seminars, workshops and Roundtables, as Lecturer, Speaker, Session Chairman and Chairman or member of Organizing and Technical Committees.

Distinctions:

- 2nd Class Naval Merit Cross
- 2nd Class Military Merit Cross
- Japanese Association of Ports and Harbours Planning Award 2015 as MarCom Chairman