1885 : Global Challenges

For infrastructure owners and operators (governments and ports)

• Expand Transport Infrastructure network

• Adopt new innovations

→ Establishment of PIANC

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For infrastructure owners and operators (governments and ports)

- Limited financial resources
- Extend the lifecycle of existing infrastructure
- Expand/optimize transport infrastructure network
  - Keep costs down
  - Increase effectiveness
  - Future proofing
Today: Global Challenges

- **Address Climate Change**
  - *Why?*
    - ≠ environmental risk, = business risk

- **Increase resilience of infrastructure**
  - What is the optimum?

- **Climate adaptation**
  - What level?

- **Decarbonise**
  - To stop Climate adaptation

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What PIANC Stands For

The global organisation providing guidance for sustainable waterborne transport infrastructure for ports and waterways

• PIANC is the forum where professionals from around the world join forces to provide expert advice on cost-effective, reliable and sustainable infrastructure to facilitate the growth of waterborne transport.

• Established in 1885, PIANC is the longest-standing organisation in its field, and continues to be the leading partner for governments and private sector in the design, development and maintenance of ports, waterways and coastal areas.
Our Membership

Types of Membership

• Qualifying Membership
  • Most important one: seat in Council and in all Commissions you wish

• Platinum Partner
  • Corporate believers who support financially

• Corporate member
  • Small and large

• Individual
  • reduced fee for students and CiT
Our Membership

40 Qualifying Members (QM) of which 27 have a National Section (NS)
(i.e. governmental and non-governmental organisations representing a country)

more than 2,000 Individual Members
(Students included)

more than 450 Corporate Members
(port authorities, chambers of commerce, universities, other public- and private-sector organisations)

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Our Regional Membership

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Our Membership

9 Platinum Partners

- **DEME**
  Dredging, Environmental & Marine Engineering

- **Jan De Nul Group**

- **Van Oord**
  Marine ingenuity

- **Port of Rotterdam**

- **Trelleborg**

- **五洋建設**
  Penta-Ocean Construction

- **Hira Industries**

- **Shibata Fender Team**
  on the safe side

- **Boskalis**
  Dredging & Marine Experts

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PIANC co-operates regularly with many other national and international organisations, including the International Maritime Organisation (IMO), the United Nations Environment Programme (UNEP) and international dredging organisations (IADC, CEDA, WODA).

PIANC has also signed Memorandums of Understanding with thirteen Sister Associations:

- IMPA
- IAPH
- The Yacht Harbour Association Ltd.
- gmi global marina institute
- IAHR
- CCNR
- ICOMIA
- IALA
- Association of Marina Industries
- The Association of Mediterranean Cruise Ports
- IADC
- WORLD OCEAN COUNCIL

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How we work

PIANC and River Basins

• Central Commission for the Rhine is an historic partner
• Other River Commissions such as MRC
• Smart Rivers session on African Rivers
• Waterway Classification for South America (with ECLAC)
PIANC and Ports

- **Ports are crucial**
  - Why?
  - Owner or operator of infrastructure
  - Benefit directly from know how
  - Can contribute to the discussion

- Did you know?
  - Chair Marcom = Port of Rotterdam
  - Full port coverage in several countries
  - Price membership is low because of our mission
Our Commissions and Working Groups reflect the unique variety of topics and issues covered by PIANC

- 4 commissions for technical and scientific activities, focusing on: inland navigation (InCom), maritime navigation (MarCom), recreational navigation (RecCom) and environmental matters (EnviCom).
- 1 commission for international co-operation and relations with Countries in Transition (CoCom).
- 1 commission dealing with the marketing and promotion of the Association (ProCom)
- Participation open to delegates from each member country.
Special focus on Young Professionals

- Specific commission (YP-Com) created in 2006 to better serve their needs and develop their involvement in PIANC’s activities.

- Our objective: create an international network of Young Professionals, to share knowledge and facilitate contacts with the world’s leading specialists across all working fields.

- Very active in many National Sections (31 delegates and 24 observers) and well represented (more than 100 YPs) in ongoing and former Working Groups.

- Year-round E-Networking
  - More than 2470 joined PIANC Young Professionals on LinkedIn
  - Upcoming events & questions are posted regularly
How we work

Management

• **ANNUAL GENERAL ASSEMBLY (AGA):** 1 meeting per year (May)
  - 2019: Kobe (Japan)
  - 2020: Bristol (UK)
  - 2021: Oslo (Norway)
  - 2022: Cape Town (South Africa)

  - Delegations of all Qualifying Members represented
  - Highest decision power

• **COUNCIL:** 2 meetings per year (May – October)
  - First Delegates and ExCom members

• **EXCOM:** 3 meetings per year (February, May, October)
  - President, Secretary-General, 4 Vice-Presidents, Commission Chairpersons
The Core Business of PIANC

- Provide state-of-the-art guidance on waterborne transport-related topics for professionals
- Drafted by international Working Groups supervised by a Commission
- An average of 15 to 20 Working Groups active at any time!

Available FOR FREE for all PIANC members on the Members Only pages!
Published (2019)

9 January 2019
InCom WG 141:
‘Design Guidelines for Inland Waterway Dimensions’

11 January 2019
InCom TG 204:
‘Awareness Paper on Cybersecurity in Inland Navigation’

5 March 2019
MarCom WG 184:
‘Design Principles for Dry Bulk Marine Terminals’

19 March 2019
MarCom WG 159:
‘Renewables and Energy Efficiency for Maritime Ports’
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Published (2019)

4 April 2019
MarCom WG 185:
‘Ports on Greenfield Sites – Guidelines for Site Selection and Masterplanning’

23 April 2019
EnviCom WG 188:
‘Carbon Management for Port and Navigation Infrastructure’

9 August 2019
InCom WG 125/I:
‘Guidelines and Recommendations for River Information Services’

9 August 2019
InCom WG 125/II:
‘Technical report on the status of River Information Services’

9 August 2019
InCom WG 125/III:
‘RIS Related Definitions 2019’
Upcoming Publications (2019)

25 September 2019
InCom WG 192:
'Report on the Developments in the Automation and Remote Operation of Locks and Bridges'

EnviCom WG 175:
'A Practical Guide to Environmental Risk Management (ERM) for Navigation Infrastructure Projects'

RecCom WG 147:
'Guidelines for a Better Integration of Recreational Navigation Activities within Fishing and Commercial Ports'

EnviCom WG 178:
'PIANC-PTG CC Working Group on Climate Change Adaptation for Maritime and Inland Port and Navigation Infrastructure'
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Our Yearbook

1 issue per year
(May)

- Full-colour publication
  (full version on Website)
- Technical articles dedicated to the host country of the AGA
- An overview of the activities of the National Sections & Qualifying Members
- The main points of interest of the commission on which they focused in the previous year, highlights of WG-reports, technical visits, etc.
- An overview of the activities of our Platinum Partners
- Article De Paepe-Willems Award winner
- ...
Currently 6 issues per year

CONTENTS

• Reports on activities at the international and national levels
• News from the National Sections
• News from the Commissions

OBJECTIVES

• To provide members and non-members with an overview of latest PIANC activities
• To become the means of communication between management and membership
7 reasons to join PIANC

1. Get connected to expert guidance and technical advice
2. Gain open access to advanced technological information
3. Fight climate change
4. Team up with decision makers
5. Take part in Working Groups, Commissions and National Sections
6. Come aboard the Young Professional Community
7. Become part of our international network

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Upcoming Events

PIANC – COPEDEC X
Tenth International Conference on Coastal and Port Engineering in Developing Countries
Manila, The Philippines - 16-20 November 2020

35th PIANC WORLD CONGRESS
Cape Town, South Africa - March 2022

See you at PIANC-Smart Rivers Conference
Nanjing, China PDR in 2021

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More information soon on:
www.pianc.org
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THANK YOU