“Setting the course”

PIANC Annual General Assembly (AGA),
19th June 2017, Cairns, Australia

Environmental Commission - EnviCom

Chairman
Harald Köthe

Interim Secretary
Edward Brauer

PIANC – EnviCom report 2016/2017
Mission

PIANC is “THE global organisation providing guidance for sustainable waterborne transport, ports and waterways”.

UN Millennium Development Goal No.7: ensure environmental sustainability

Sustainable means:
“… meeting the needs of the present without compromising the ability of future generations to meet their own needs.”

“No economy is possible in the absence of eco-system services”

Manfred Max-Neef* (2010)

* Chilean-German economist in the field of international development
**Mission**

**New UN SUSTAINABLE DEVELOPMENT GOALS (SDG)**

Roadmap 2030

Document is available at [http://undocs.org/A/68/970](http://undocs.org/A/68/970), Sept. 2015

<table>
<thead>
<tr>
<th>GOAL 6</th>
<th>Ensure availability and sustainable management of water and sanitation for all</th>
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<tbody>
<tr>
<td>GOAL 7</td>
<td>Ensure access to reliable, sustainable and modern energy for all</td>
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<td>GOAL 8</td>
<td>Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</td>
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<td>GOAL 9</td>
<td>Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</td>
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<td>GOAL 13</td>
<td>Take urgent action to combat climate change and its impacts*</td>
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<td>GOAL 14</td>
<td>Conserve and sustainably use the oceans, seas and marine resources for sustainable development</td>
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<td>GOAL 15</td>
<td>Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</td>
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17 goals with subgoals – relevance for PIANC
Mission

Important elements for a “Sustainable, Integrated and Resilient Management of Navigation Infrastructure”
- Dredging in environmental sensitive areas (WG 157, WG 170)
- Environmental Risk Management (WG 175)
- Working with Nature Nature philosophy – WwN (WG 176)
- Sustainability reporting in ports (WG 174)
- Climate change (PTGCC, Think Climate Coalition)
- Guidance on Climate adaptation (WG 178)
- Carbon management (WG 188),
- Resilience (TG 193)
- Ecosystem Services (new WG 195)

- of concern for all PIANC commissions


“Setting the course”
**Mission**

PIANC is “THE global organisation providing guidance for **sustainable** waterborne transport, ports and waterways”.

Expressed in PIANC Strategic Plans 2010 – 2014 – 2018

**Goals:**

- **Promote** the development and improvement of global waterborne transport infrastructure and **enhancement of** its economic, **environmental** and social **benefits**
- Be **proactive** in dealing with the impact of **climate change**
- **Promote** the philosophy of ‘Working with Nature’
- **Promote risk assessment** as a tool for addressing safety and hazard issues
PIANC Partner Associations are also striving for sustainability with comparable strategies and goals:

e.g. IAPH:

from the

**World Ports Climate Initiative (WPCI)**
(launched in 2008)

to the

**World Ports Sustainability Program (WPSP)**
(launch in March 2018)
Member situation

currently 15 nations and 7 associated partners

good participation: 15 – 20 participants per meeting

countries
Australia
Belgium
Columbia (nominated)
France
Finland
Germany
India
Iran
Japan new member
Netherlands
Norway
Philippines + YP
Spain + new YP
South-Korea - unstable
UK
USA + YP

partners
CCNR
CEDA new member
ESPO
EUDA
IAPH
IADC
Ports Australia

wanted: Italy, China, Brazil, Argentina.. IAHR requested

fruitful contribution by partner organizations!

PIANC – EnviCom report 2016/2017
Meetings 2016/2017


No. 46 Brussels, Belgium, 31. Jan./01. Feb. 2017

next: No. 47 Pittsburgh, PA, USA, 17./18. Sept. 2017
in connection with PTGCC meeting on 16. Sept. 2017

No. 48 Brussels, Belgium, February 2018

Edward Brauer interim secretary


last meeting of chair Harald Koethe

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PIANC – EnviCom report 2016/2017
Working and Task Group Reports

Dredged material management

Ongoing enlargement of PIANC DM guidance for environmental sensitive areas:

✓ WG 157: “Environmental Aspects of Dredging around coastal vegetation”
  Chair: Paul Erftemeijer (NL), Co-Chair: Matt Jury (IADC)
  Delayed - Publication in 2017/2018

✓ WG 170 “Good dredging practice around sea wildlife”
  Chair: Chris McDougall (UK)
  Co-Chair: Heidi van der Meij (NL)
  Kick off: 06./07.Feb. 2014
  2 meetings in 2015 (UK, NL)
  Publication in 2018
Working and Task Group Reports

Ports

✓ WG 174 “Sustainability reporting for ports“
  - Chair: Kris de Craene (IAPH);
  - Co-Chair: Tiedo Vellinga (PIANC-EnviCom)
  - IAPH-led, joint IAPH/PIANC WG; 25 members!
  - Successful Kick off on Oct. 9./10. 2014 in Antwerp, Belgium
  - last meeting in January 2017
  - Publication still in 2017

Follow up of WG 150 report
  „A Practical Guide for a Sustainable Seaport (Green Port)“
  published in 2014

World Port Sustainability Program
WSPS
launch in March 2018
Working and Task Group Reports

Interrelated WGs and activities:

- **WG 175** “A Practical Guide to Environmental Risk Management (ERM) for Navigation Infrastructure Projects“ kick off: 05.02.2015 Chair: Burton Suedel (USA), Secretary: Kevin Kane/AUS), first complete draft expected in summer 2017

- **WG 176** “A Guide for applying Working with Nature (WwN) to Navigation Infrastructure Projects“, kick off: 05.02.2015 New Chair in Oct 2016: Victor Magar (USA), Secretary: William Coulet (UK) publication intended for PIANC Congress 2018

Upcoming issue: How to deal with invasive alien species IAS?

- Waterways and canals as well as their banks are prominent pathways for the spread of IAS.
- Damage to infrastructure and new challenges for maintenance of banks, meadows and floodplains.
- How to share the burdens, obligations for the prevention, control of IAS? Strategy: Fighting or accommodating?
- Start with a PIANC orientation paper.
- Second step: TG or WG.

(Source: Seebens et al., 2013, The risk of marine bioinvasion caused by global shipping)
Strategic Initiatives (1)

Working with Nature – WwN

- ongoing WwN presentations/courses worldwide
- WwN Position Paper in many languages available
- Thematic PIANC website
  http://www.pianc.org/workingwithnature.php
- WwN project booklet (2014)
- WwN online database collection and certification procedure successfully established since Feb. 2013
- EnviCom focal person: Paul Scherrer (F)
- Current WwN jury:
  Chair: Elmar Fuchs (DE)/EnviCom,
  Arjan van der Weck/MarCom,
  John D. Clarkson/InCom, Esteban
  Biondi/RecCom, Hartmut Brühl/CoCom, Pablo Arreco/YPCom)

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PIANC – EnviCom report 2016/2017
Working with Nature - WwN

Challenge:
Project submissions are still very low after 1st PIANC WwN award although there are many suitable projects known.

Undertaken measures were not successful so far:
- Letter to all national sections to support submissions
- Teaser on main PIANC website
- Changes in WwN R&R: non-consented projects can apply now

Further stimulating actions needed/intended:
- Advertisement by PR professionals
- 2nd WwN Award is approaching in PIANC Congress 2018
- Contact project managers personally of suitable known projects

Striving for sustainability needs implementation of the WwN philosophy!
Strategic Initiatives (2)

Permanent Task Group on Climate Change (PTGCC)

since 2009, focus on adaptation
Chair Todd Bridges & Secretary Sandra Newell (USA)

Meetings in conjunction with EnviCom:

incl. Brazilian guest presentation

No.16 in Brussels, Belgium, 30./31 Jan. 2017

Next: No.17 in Pittsburgh, USA on 1. Sept. 2017

Needs:
• New PTGCC chair
• More members/experts

“Setting the course”
PTGCC Working and Task Groups

- **WG 178** “A guidance on Climate Change Adaptation for navigation infrastructure projects” –
kick off: 05/06.2015, mentor: Jan Brooke (EnviCom)
Chair: Charles Haine (UK), Secretary: Ben Hodgkin (UK)
- around 30 members working in subgroups
- plus 4 regional workshops world-wide
- publication planned beginning 2018

- **WG 188** “Carbon Management for Port and Navigation infrastructure“, kick off: 04.02.2016,
mentor: Filip van de Putte (EnviCom)
Chair: Doug Dougherty (USA)

- **TG 193**: Resilience of the maritime and inland waterborne transport system;
Chair: Julie Rosati (USA)
Kick off in June 2016; timeframe 1 year
basis for further WGs in PIANC
Strategic Initiatives (2)

Navigating a Climate Change (NaCC) - the Think Climate Coalition

- PIANC-lead: Geoffroy Caude, secretary: Jan Brooke (UK), supported by PTGCC
- PIANC and Coalition partners show how the sector is striving to support the implementation of the PARIS AGREEMENT
- For the first time in the history of PIANC an Action Plan was presented at COP 21 (Transport Day), 06. Dec. 2015 and COP 22, Nov. 2016

Thematic Website with all information: http://www.pianc.org/thinkclimate.php.

Successful Conference, 27./28.03.2017 in Brussels
Strategic Initiatives (3)

EU WFD Navigation Task Force

✔ continuation of very fruitful cooperation of navigation stakeholder (organizations), increased to 14 partners now! PIANC lead: **chair Jan Brooke (UK)**

✔ close interaction and connection with EU COM in the WFD implementation process with MS by supporting guidance for navigation (e.g. river basin management plans, water services, e-flows, interactions with MSFD)

✔ 2 meetings per year in preparation to relevant EU COM meetings (2016: April 5 and Oct. 4; 2017: June)

evory good recognition and reputation of PIANC!

! EU-COM workshop for inland navigation: GEP mitigation measures on June 29-30, 2017!

Thanks to all EnviCom members and partner organizations for their engagement and contributions during this year.

Visit EnviCom personally and on the website:

http://www.pianc.org/envicom.php

+ Thematic Webpages on WFD, WwN, CC
Some personal remarks on the occasion of handing over the EnviCom chairpersonship today

The look back:

• 10 fruitful and enriching years with challenging new topics
• great support from EnviCom and ExCom members, HQ, host countries and my employer
• great experience to serve as chairman for EnviCom

The look forward:

• the track of sustainability has to be continuously paved in a pro-active and appropriate way for the WTI
• Todd Bridges has all the skills, experiences and motivation to guide EnviCom and PIANC into the next decade.

With many thanks

Harald Köthe
Chairman PIANC EnviCom