



# PIANC And The Environment

International Navigation Association

Environmental Commission

-EnviCom –

Chairman  
Robert M. Engler, PhD

Chairman Elect  
Harald Koethe

Vice Chairman/Secretary  
Tiedo Vellinga

1994 - 2007

# Members of PIANC - EnviCom

CEFAS LABORATORY



15 Nations from 4 continents  
and CEDA, IADC, UNEP, CCNR

# PIANC - EnviCom

Assurance of an environmentally balanced approach to navigation infrastructure development and maintenance

The environmental vision is one of sustainable development, protection, and enhancement of global biodiversity

# PIANC - EnviCom

- Responsible for dealing with both broad and very specific sustainability and environment-related issues of interest to PIANC.

## Networking

- Partners with InCom, MarCom, ReCom, or CoCom.
- Represents PIANC in international organizations, e.g., London Convention, OSPAR, WODA, IAPH, the U.N., and the EU.
- Networks with other navigation related interests and has communications with non-traditional groups such as IMO, UN, CEDA, WODA, WEDA, EDA, IADC, IAPH, AAPA, RAMSAR, WWF, UNEP, SEDNET, PARALIA, INE, CCNR



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## Networking and Cooperation

- Environmental Awareness Training for Developing Countries - Train the Trainer - In Discussion at the ExCom and CoCom
- Actively represent PIANC interests at the London and OSPAR Conventions.
- Coordinate with the IAPH Dredging, Port safety, Environment and Marine Operations, and Port Planning and Construction Committee to discuss items of mutual interest (e.g., dredging, ballast water, anti-fouling paint and air quality issues).

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## Networking and Cooperation

- Support activities allotted to the “European Sediment Network (SedNet).”
- Input to the PIANC electronic newsletter
- Active Partner on WODCON (e.g. EnviDay).
- Input to COPEDEC and CoCom on training for developing countries.
- assistance in waste management training (e.g. wider Caribbean, Pacific Rim, South/Central America and African Nations; Ocha Rios, Jamaica, May 2002; Kenya, May 2004; China 2006.)

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## Working Group Reports

### Dredging

- EnviCom / WG 1: Management of Aquatic Disposal of Dredged Material. Published
- EnviCom / WG 5: Environmental Guidelines for Aquatic, Nearshore, and Upland Confined Disposal Facilities (CDF's) for Contaminated Dredged Material. Published.
- ReCom / EnviCom / WG 6: Dredging of Marinas. Published
- EnviCom / WG 8: Generic Biological Assessment Guidance for Dredging and Disposal. Published.

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## Working Group Reports

### Dredging (cont.)

- EnviCom / WG 10: Environmental Risk Assessment in Dredging and Dredged Material Disposal. Published
- EnviCom / WG 11: Management, Re-use, and Transformation of Existing CDF's. Publish 2007
- EnviCom / WG 13: Best Management Practices Applied to Dredging and Dredged Material Disposal Projects for the Protection of the Environment. Publish 2007.
- EnviCom / WG 14: Dredged Material Beneficial Use Options and Constraints. Publish 2007.
- MarCom/EnviCom WG 51: Water Injection Dredging. Initiate 2007.



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## Working Group Reports

### Navigation

- EnviCom / WG 6: Sustainable River Management as Related to Navigation Infrastructure. Published
- EnviCom / WG 7: Ecological and Engineering Guidelines for Wetlands Restoration in Relation to the Development, Operation and Maintenance of Navigation Infrastructure. Published.
- ReCom / EnviCom/WG 12: Recreation Navigation and Nature. Published.
- InCom / EnviCom/WG 27: Environmental Impact of Vessels. Publish 2007

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## Working Group Reports

### Navigation (cont.)

- EnviCom / WG 12: Sustainable Waterways Within the Context of Navigation and Flood Management. Publish 2007.
- EnviCom/WG 15: Navigation Around Coral. Kick-off in 2006.
- EnviCom/WG 16: Navigation and Fish Habitat. Kick-off Feb 2007

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## Working Group Reports

### Ports

- EnviCom / WG 2: Wildlife Habitat and Port Activities. Published.
- EnviCom / WG 3: Glossary of Environmental Terms. Published
- EnviCom / WG 4: Environmental Management Framework. Published
- MarCom/EnviCom WG 43: Minimizing Harbor Siltation. Publish 2007.

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## Task Groups

- Dredged Material Management Guide. Published.
- Public Relations Booklet, “Dredging: The Facts.”  
Published in partnership with CEDA, IADC, and IAPH
- Public Relations Booklet, “Dredging: The Environmental Facts”. Published in partnership with CEDA, IADC, and IAPH, UNEP, GPA
- Public Relations Booklet, “Managing Contaminated Dredged Material”. Published

# PIANC - EnviCom Task Groups (cont.)

- EU Water Framework Directive Task Force (PIANC, CEDA, ESPO, INE, EFIP, EUDA, EPA, EBU, ECSA, EFID, EURMEG, CENR, DC).
  - Seminar on EU Water Framework Directive, 2003
  - Seminar on EU Water Framework Directive, 2007
- EnviCom/TG3: Climate Change and Navigation.  
Kick-off in March 2007.  
Fundament for future PIANC Reports

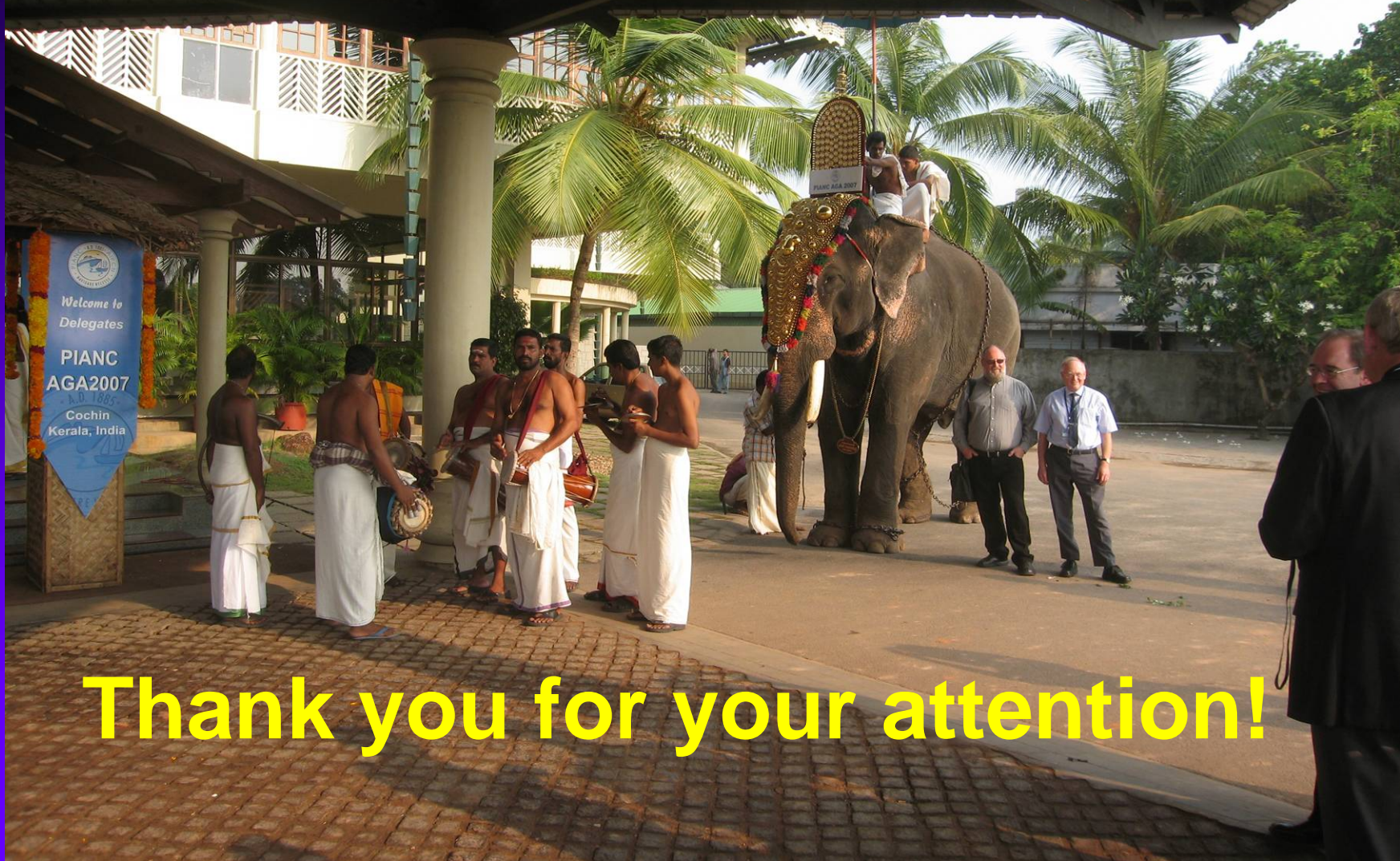
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## Future Working Groups and Tasks

- EnviCom / TG 2: Environmental Benefits of Waterborne Transport. Start in 2007
- Ballast Water Management on Board Dredges. Develop TOR's.
- TBT Anti-fouling consequences for Navigation. Develop TOR's.
- Reducing Air Emissions from Navigation (e.g. Shore-based electricity) Develop TOR's



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**Thank you for your attention!**