

The benefits of Inland Waterborne Transport

How can we sell them!

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Presentation Objectives
Role of InCom
History of Inland Waterborne Transport
Impact on Regional Development
Convincing stakeholders
Events
Working Group outputs
Current Working Groups
Conclusions



Presentation Objectives:

Inland Waterborne Transport (IWT) has been used for centuries to move goods, but how do we sell the idea in the 21st Century when the focus for the development of transport networks is the use of wheeled transport (both road and rail).

So for Regional Development we need Regional Transport and how can we show that IWT can *deliver the goods!*



Role of InCom:

Responsible for the technical activities of PIANC in the field of inland waterways; including inland ports, channels, river engineering and structures



Why Inland Waterborne Transport?

- Geography
- History
- Commerce
- Government
- Stakeholders
- Environment
- Markets
- Globalisation
- Climate Change
- Green House Gas Emissions



Impact on Regional Development!

- Economics
- Global markets
- Sustainability
- Energy costs
- Regional governance - EU



Convincing “Stakeholders”

- Sustainability
- Capacity compared to road and rail
- Bulk cargoes
- “Just in time”
- Access to ports and trade



World Water Forum

- UNESCO sponsored
- Millennium Development Goals
- Invest in rivers
- Create added benefits- water supply , sanitation, etc



Smart Rivers

- Biennial Conference for all involved in inland/river transport
- *Strategic Maritime Asset Research and Transformation*
- Systems, finance, safe operation, port and landside economic development, infrastructure regulation, climate change etc
- Brussels, Louisville, Vienna, New Orleans–2011
- 2013 – where in Asia?



Working Group Reports

Or how can we help!

- Working with Nature
- River Information Systems
- Guidelines for environmental impacts of vessels
- Organisation and management of River Ports
- Performance indicators for IWT



Current Working Groups

or how you can help PIANC!

- Impacts of seismic loads and ship impact on lock gates
- Inland navigation safety
- Design guidelines for inland waterways
- Semi probabilistic design concepts
- Asset management
- Resilience to overloading
- Mechanical and electrical engineering lessons learned



Conclusions

So how do we sell inland waterborne transport?

- Beneficial – UNESCO World Water Forum
- Build on history and geography
- Economic impacts, global markets
- Sustainable form of transport
- Preach to stakeholders and funders!
- Use the tools
- Share best practice



Thank you
and any questions?



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