



PIANC MMX Congress

Liverpool

10-14 May 2010



Programme Themes and Topics

<p>1. Navigation for the future</p>	<ul style="list-style-type: none"> • Climate change, adaptation and mitigation • Impact of ultra-large container ships • Development of LNG terminals • Innovation in inland barge transport • Developments in recreational navigation
<p>2. Innovative design</p>	<ul style="list-style-type: none"> • Ports and terminals infrastructure • Maritime Quays and Terminals • Navigation Channels • Inland waterways and terminals • Locks • Marinas and yacht harbours • Materials in port infrastructure
<p>3. Sustainable renovation</p>	<ul style="list-style-type: none"> • Upgrading old port areas • Renovation of waterway infrastructure • Ports and cities • Life-cycle approach to maintenance
<p>4. New major links and nodes</p>	<ul style="list-style-type: none"> • Inland waterways • Seine-Scheldt • Seaports • Maasvlakte 2 • Panama Canal
<p>5. Working with nature</p>	<ul style="list-style-type: none"> • Dredging and sediments • Managing Harbour Siltation (MHS) • Breakwaters • Bank and Shore protection • Environmental management • Ports and Tsunamis
<p>6. Safety and security</p>	<ul style="list-style-type: none"> • Marine safety and risk analysis • Use of AIS in waterways • Modern mooring systems • Information and communication technology • River information systems