Improving infrastructure for water tourism in Germany

Subject: infrastructure, equipment, planning
Outline of the presentation:

1. Purpose of the Guideline
2. Timeline
3. Drafting principles
4. Installations used to overcome a change in elevation
5. Launching and landing points
6. Signage
7. Outlook
“Guideline for the design of water sports facilities along inland waterways”

• Installations used to overcome a change in elevation

• Launching and landing points

relates to the transport infrastructure
Timeline:

- Consulting with all stakeholders (users, planners) regarding the need for amendments: 13/11/2009
- Drafting of the Guideline by the expert working group: 17/12/2009
- Submission of stakeholder consultation paper to stakeholders: 14/09/2010
- Processing of objections: 29/10/2010
- Drawing up of the binding version: June 2011
Drafting Principles:

1) Providing binding requirements

2) Establishing clear standards; condensed guidelines
3) Developing **standard** technical solutions in order to **increase** safety through standard systems
4) Accessibility

Reference to:

User can operate installations himself from the boat without disembarking
Installations used to overcome a change in elevation:

1) Boat ramp

Longitudinal ramp

Mooring point
1) Boat ramp:
2) Boat chute

Flow control structures
2) Boat chute - dragging
3) Boat lock

Switch to continue lock operations
Width of lock: 5.50 m/ 6.00 m

Length of lock: 20 metres
Launching and landing points:

Pontoon with land access

Pontoon with various freeboard levels
Uniform **signage** to provide for better orientation:

a) Traffic Regulations for Inland Waterways

b) Pictograms for Pleasure Navigation

March 1996

EUROMARINA

Boat chute

c) Development of new pictogram
private infrastructure:
- fuel-filling stations
- waste disposal facilities
- supply facilities
- sanitation facilities
Thank you very much!