

## WFD NAVI Task Group. Drought risk management survey of inland waterway operators and managers

As the climate changes, drought and extreme low water conditions are expected to become more commonplace. Against this background, the organisations in the WFD Navigation Task Group<sup>1</sup> are interested to understand the extent to which those who manage, operate and use inland water bodies for commercial and recreational navigation are (or are not) engaged in discussions about drought management and water allocation.

Please complete this questionnaire to help us gain this understanding.

1. Response on behalf of [... .. **organisation** ... ..] [... .. **country**... ..]
2. Waterway or water body name [... ..]
3. Applicable Water Framework Directive classification(s) of waterway or water body [**natural river or lake / heavily modified water body / artificial water body / not known**]
4. Please **indicate whether your organisation engages in** discussions with water management agencies or other organisations **about each of the following?** If yes, please indicate the approximate date that you first engaged in the mentioned discussions and provide the name of the organisation or agency that leads that initiative.

Type of initiative	Yes /no	Approx start year	Name of lead organisation for the initiative
<b>Drought management planning</b> (proactive planning for preparedness, before a drought occurs)			
Identification, evaluation and implementation of <b>drought risk reduction measures</b> (proactive measures intended to prevent or reduce the severity of drought conditions)			
<b>Drought alert systems</b> (monitoring, forecasting, early warning systems)			
<b>During-drought management actions</b> (implementing pre-agreed responses or reactive control measures in response to the onset of drought conditions)			
<b>Water allocation</b> decision-making processes for water allocation under <b>'typical' conditions</b>			
<b>Reactive water allocation</b> (where changes to water allocation arrangements become necessary because of the onset of drought conditions)			

<sup>1</sup> The EU Water Framework Directive Navigation Task Group comprises the World Association for Waterborne Transport Infrastructure (PIANC), Central Dredging Association (CEDA), European Barge Union (EBU), European Boating Association (EBA), European Boating Industry, European Dredging Association (EuDA), European Federation of Inland Ports (EFIP), European Sea Ports Organisation (ESPO), International Council of Marine Industry Associations (ICOMIA), Inland Navigation Europe (INE) and the European IWT Platform. The Central Commission for Navigation on the Rhine, the Danube Commission and the International Sava River Basin Commission are also invited to participate in Task Group activities as observers.

Official process of setting <b>e-flows or environmental flows</b> (minimum/optimum flow regime to support the characteristic water body ecology)			
<u>Multi-stakeholder</u> <b>climate change adaptation planning</b> activities or strategy development			

5. Is your waterway already impacted in any way by drought management decisions or actions taken upstream or by other transboundary drought-related issues? **Yes / No / Not known.**  
If yes, please briefly explain [... ..]
  
6. As the climate changes, likely bringing seasonal changes in precipitation characteristics as well as more frequent extreme weather including droughts, how important is it for your organisation to become (or remain) involved in the types of initiative described above?  
**Very important / important / not important / no opinion.**