

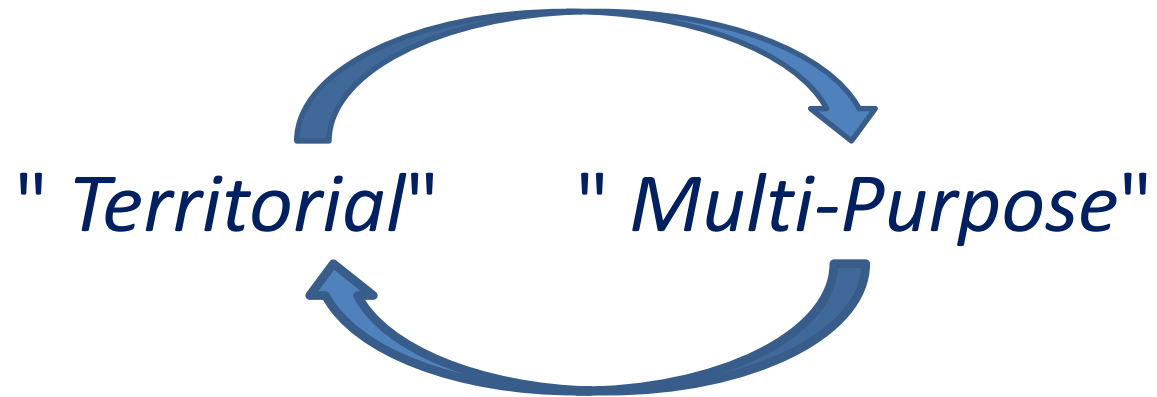
Theme 1

Giovanni Ruggeri, *ITCOLD (Italian Committee on Large Dams)*

Joel Gailhard, *EDF*



Theme 1 - "Territorial and Water Multi-Purpose Issues"





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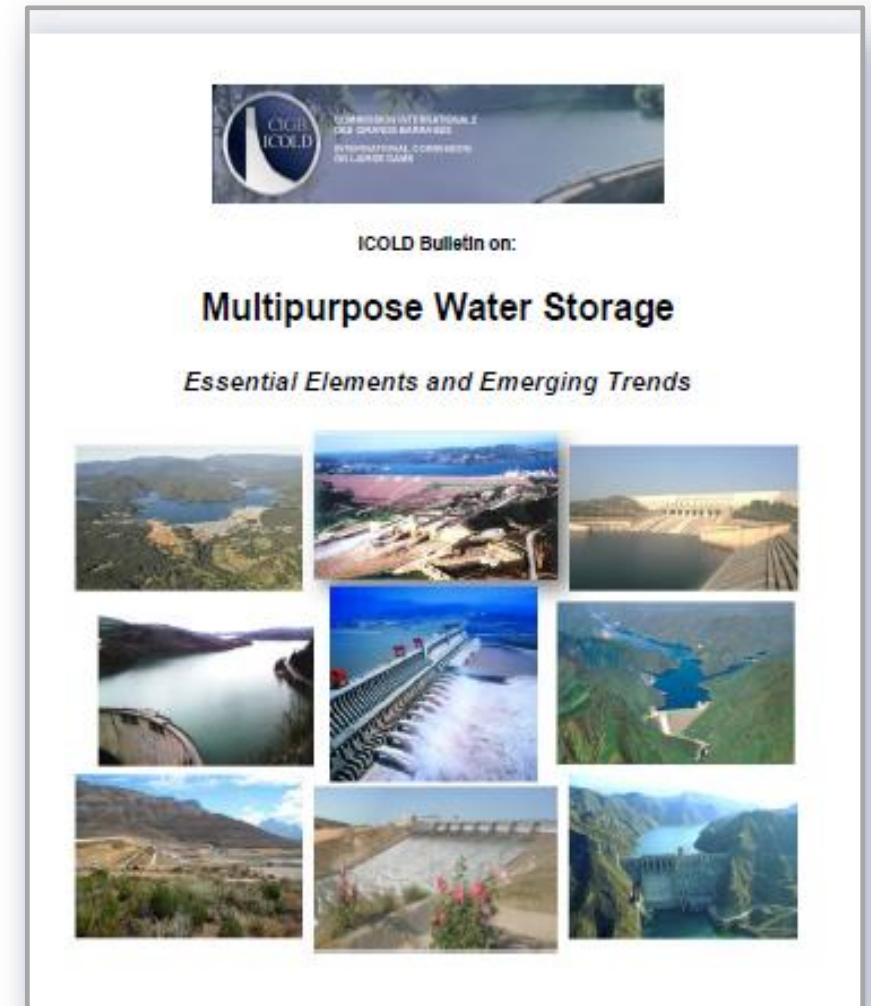


Some crucial considerations :

- Dam sites, are precious - and scarce – natural resources
- Multipurpose: social acceptance, long term sustainability
- A long term planning must always be adopted
- Multipurpose projects: decommissioning becomes very unlikely

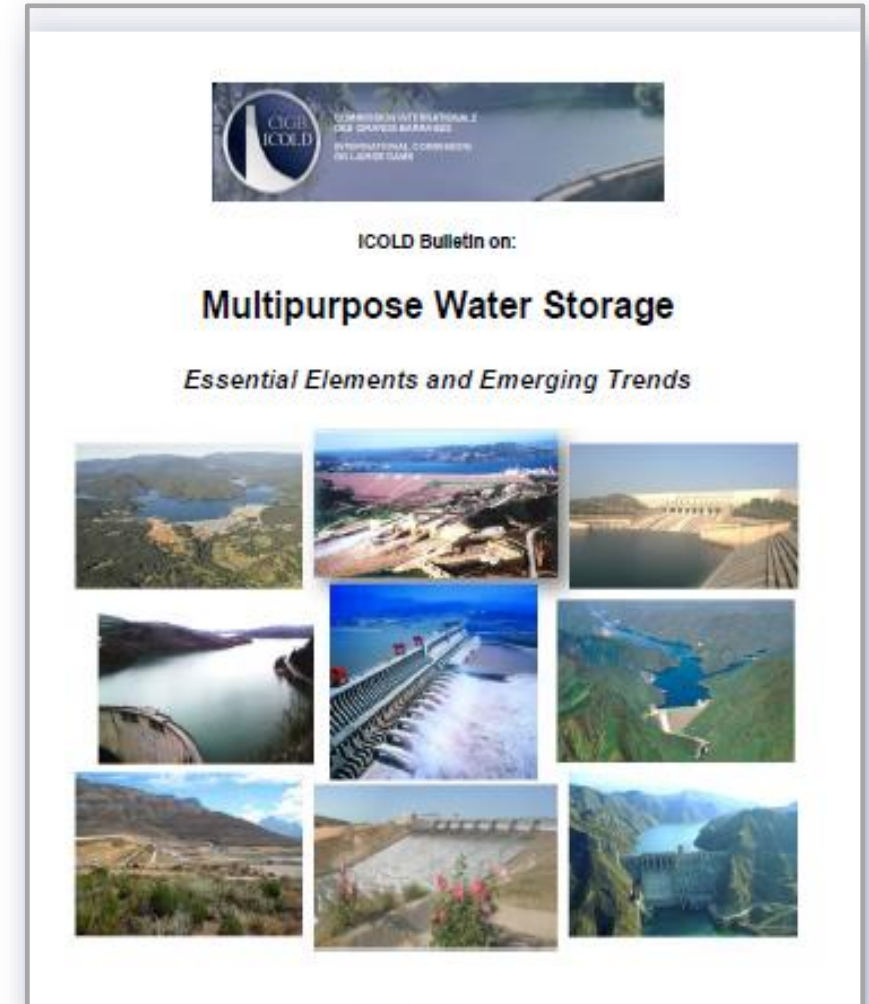


ICOLD Bulletin 171 :
Multipurpose Water Storage.
Essential elements and emerging trends



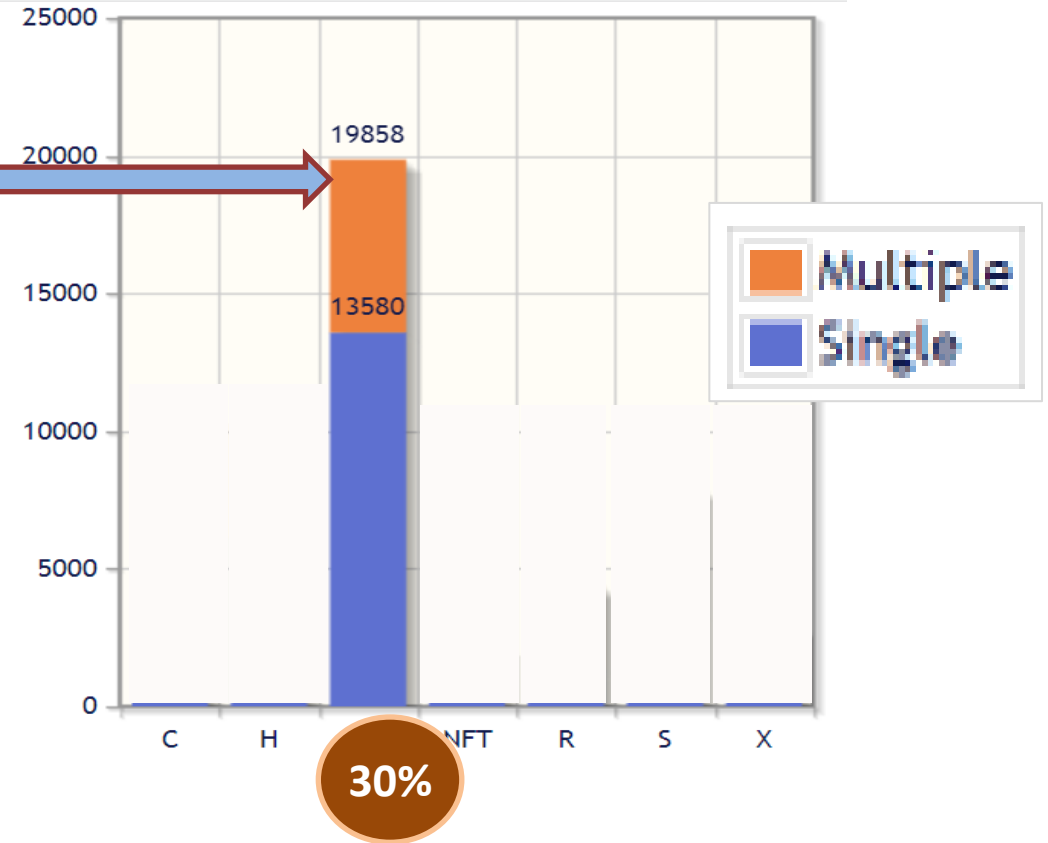
Treated aspects:

- *Main features of multipurpose projects*
- *Economic and financial assessment*
- *Long term planning*
- *Institutional and procurement aspects*
- *The challenge of good solutions*
- *Emerging trends*



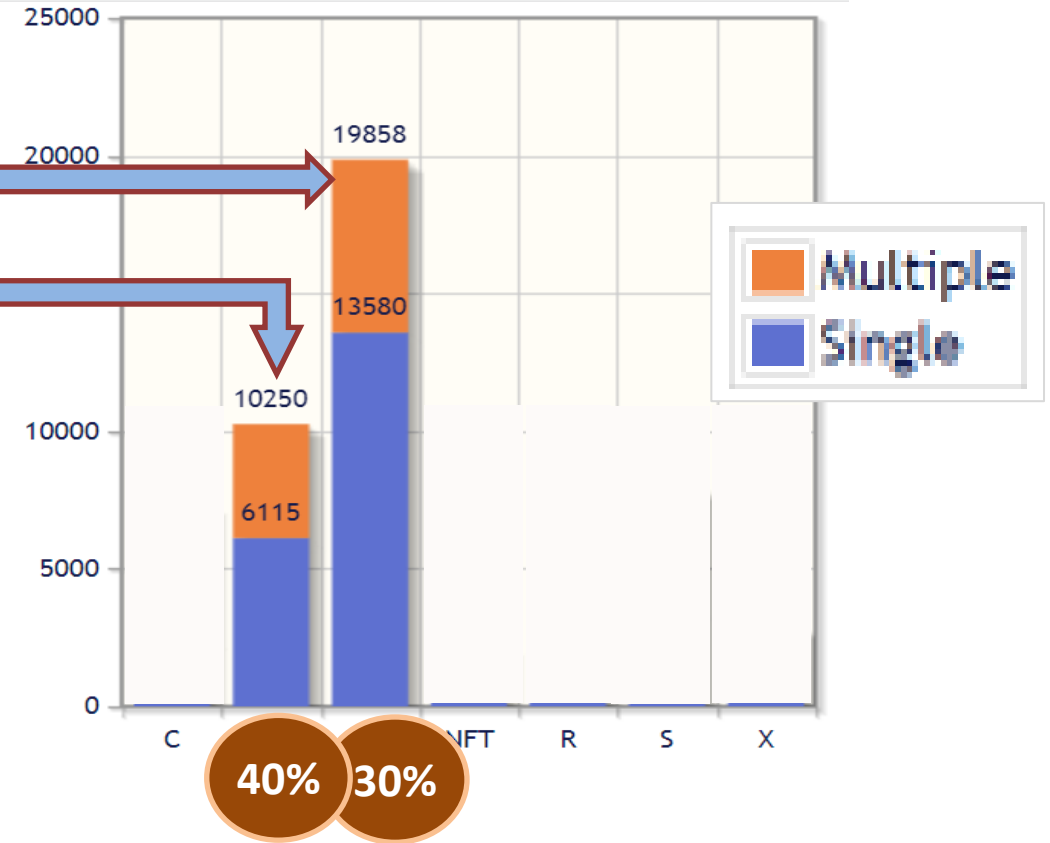
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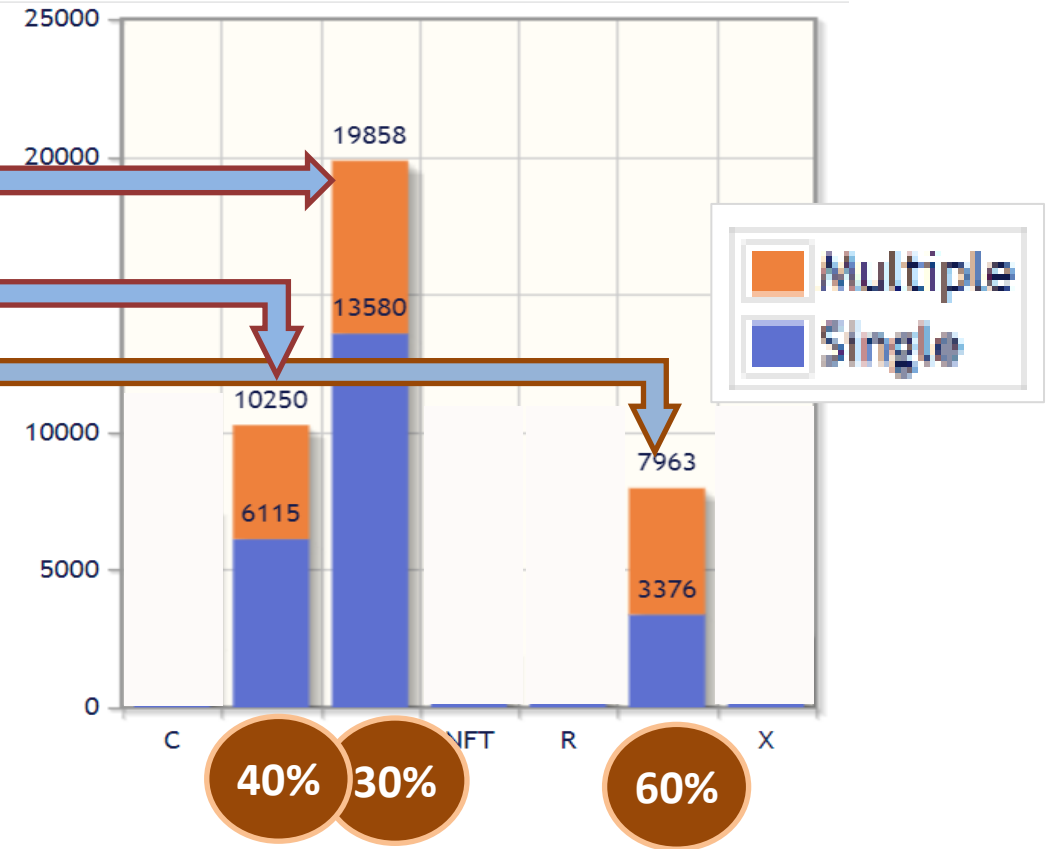
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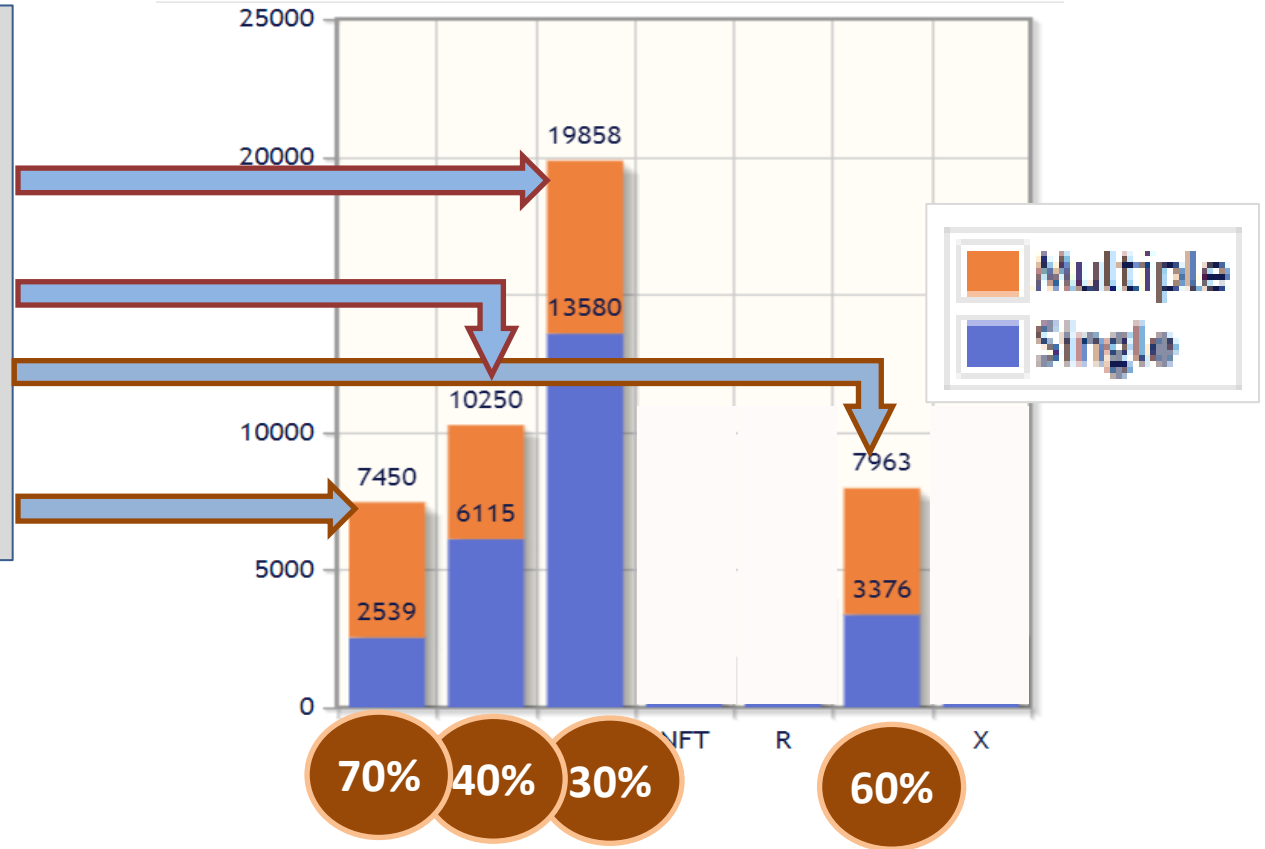
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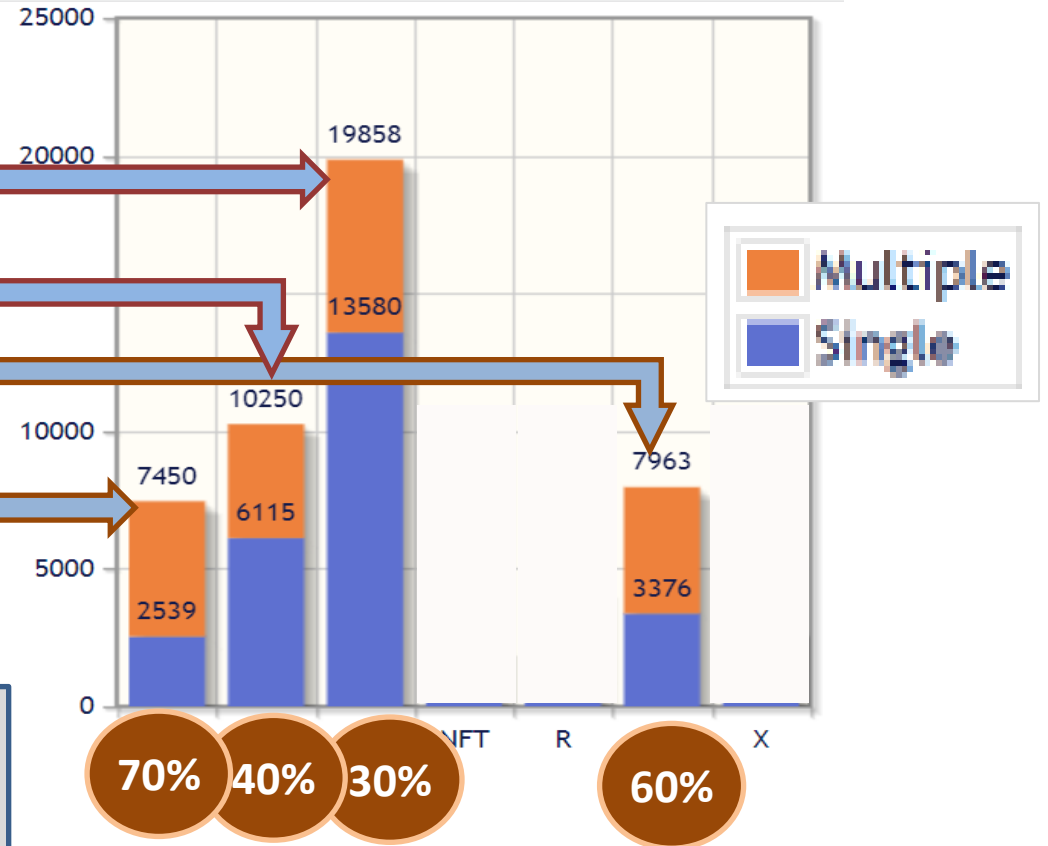
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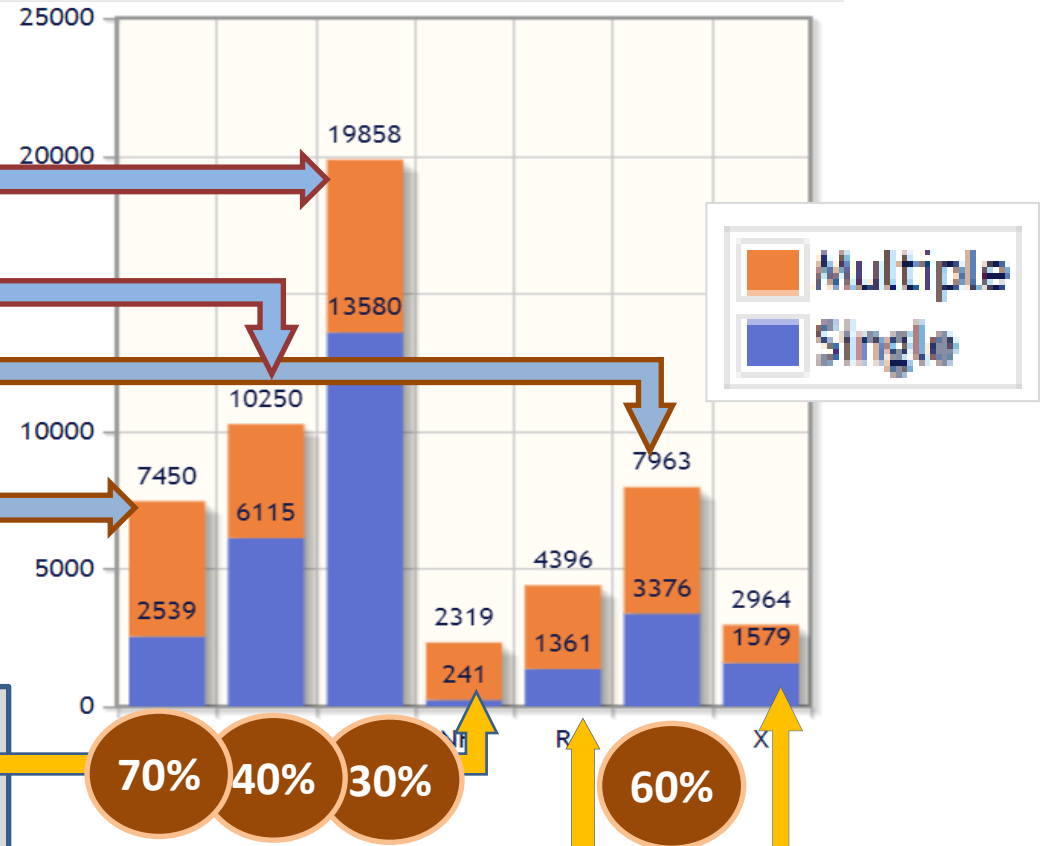
Navigation, Fishery, Tailing
Recreation, Tourism
Other (fire fighting, wetland, etc.)
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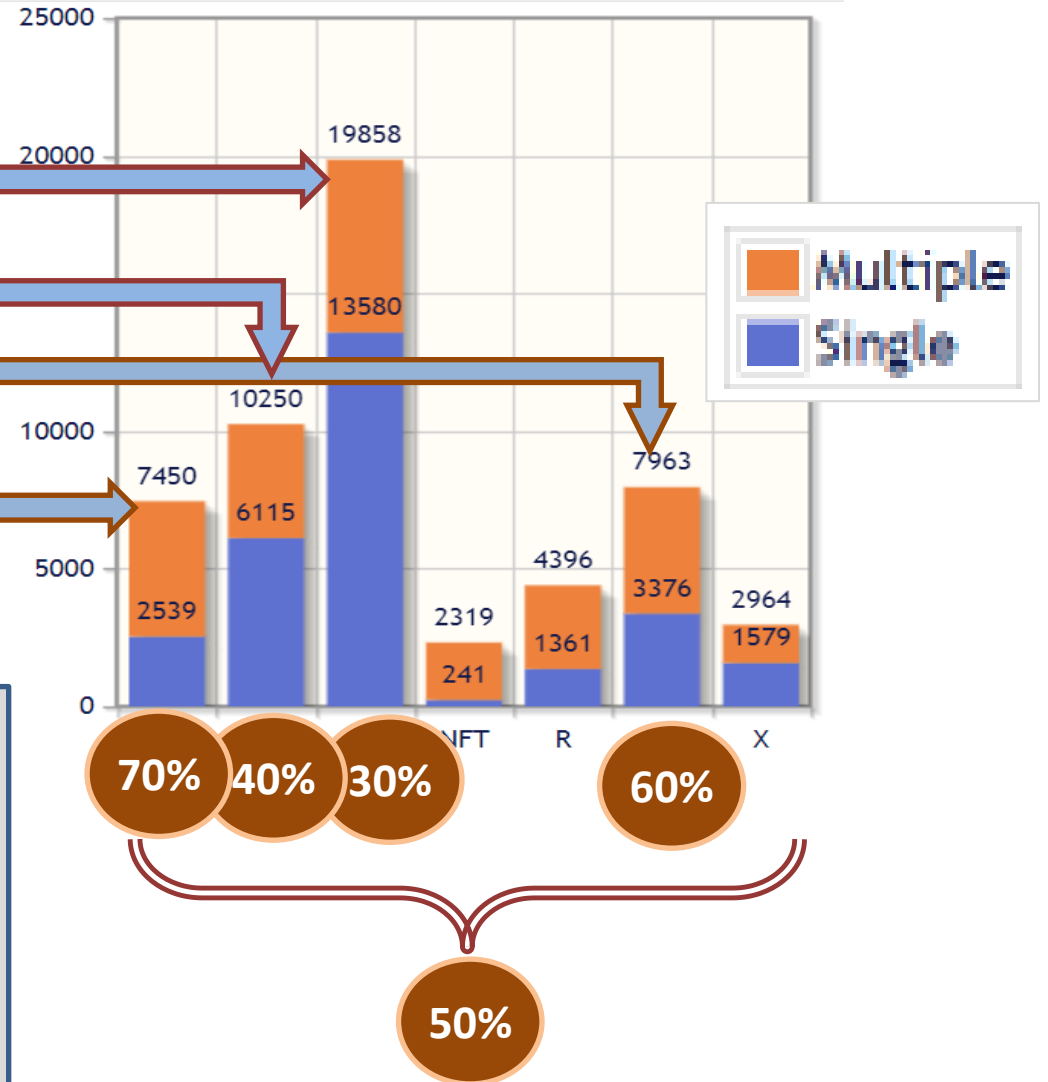
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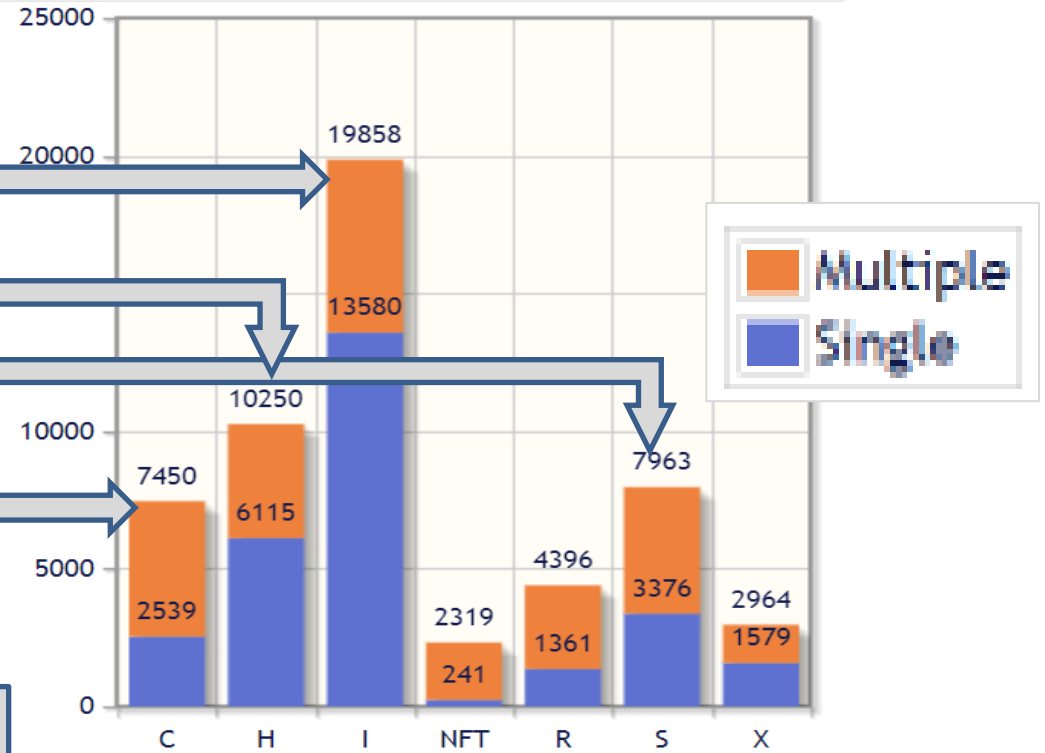
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”Official uses”



"Un-official uses ":

- Often arising during long term operation, often accomodated*
- Much more frequent than expected*
- Almost never valued towards the not directly stakeholders*

➔ The real value of a dam/reservoir is often underestimated.



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THEME 1 - "TERRITORIAL AND WATER MULTI-PURPOSE ISSUES"

29 papers, from 10 Countries

- 9 from China
- 7 from France
- 3 from The Netherlands
- < 2 from Canada, Germany, Iran, Italy, Japan, Korea, Philippine

