

The water footprint of the activities of the Food Bank of Navarra

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1. Water footprint assessment

- ▶ Water Footprint Assessment Manual:
Water footprint of an organization
 - Measures the total water consumed and contaminated, directly or indirectly, by an organization.
 - Unit: m³ of freshwater
 - Water footprint calculations are measured in terms of:
 - ❖ Green WF
 - ❖ Blue WF
 - ❖ Grey WF

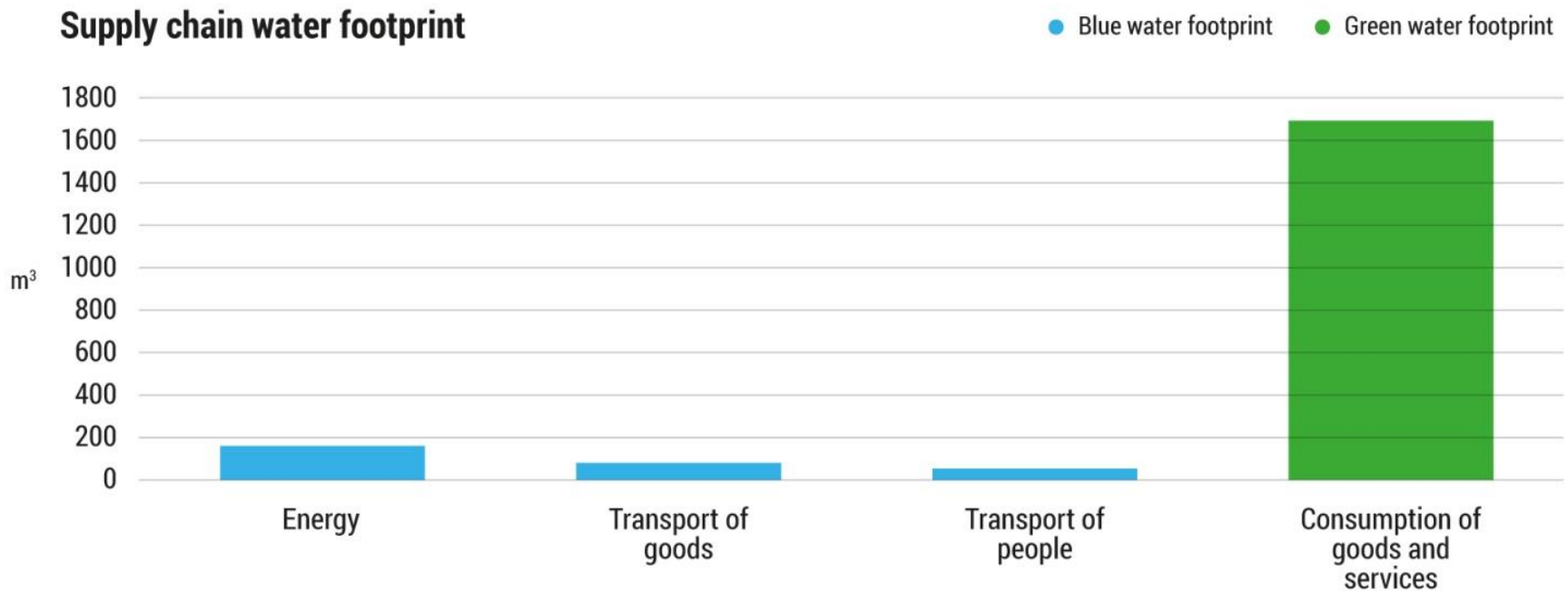
2. Water footprint of the activities of the Food Bank of Navarra

➤ Direct WF ➡ 0 m³

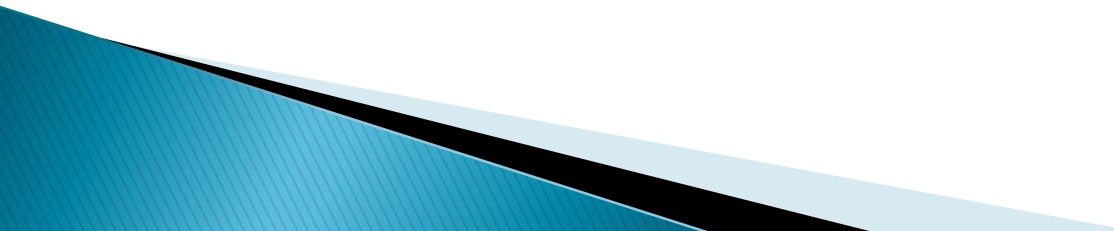
➤ Indirect WF ➡

WF Green	WF Blue	WF Grey
1685	240	0

➡ 1925 m³



3. Water used in a scenario without the activities of the FBN

- ▶ Water used as a result of two elements:
 - The **additional food production** that would be necessary for the beneficiaries to feed in the absence of the FBN.
 - The **waste management**, mostly organic, that the food wasted would generate.
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3. Water used in a scenario without the activities of the FBN

Water footprint of the additional food production

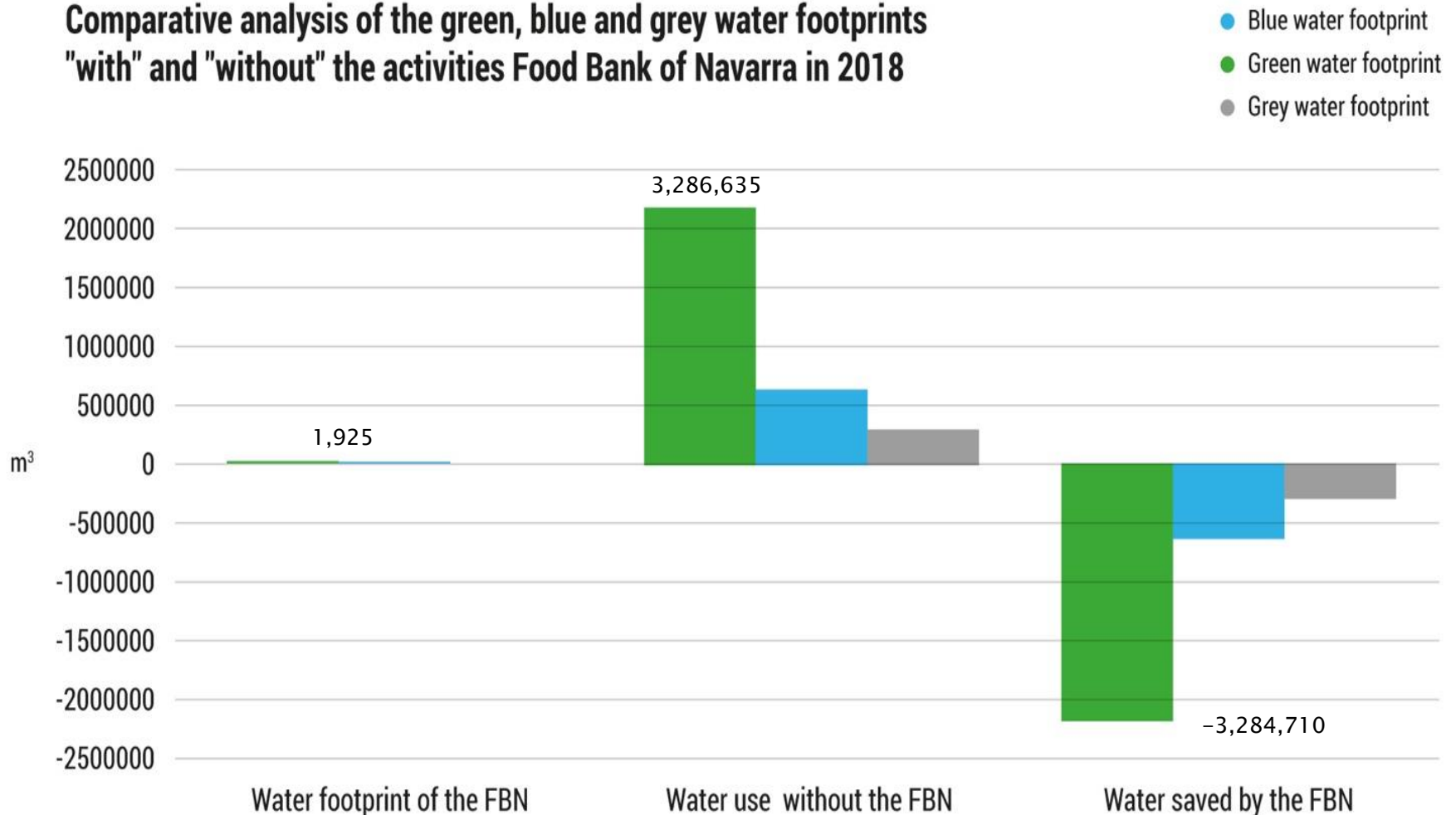
Green WF	Blue WF	Grey WF	
2,379,370	556,550	310,677	3,3 million m ³

Water footprint of the waste management

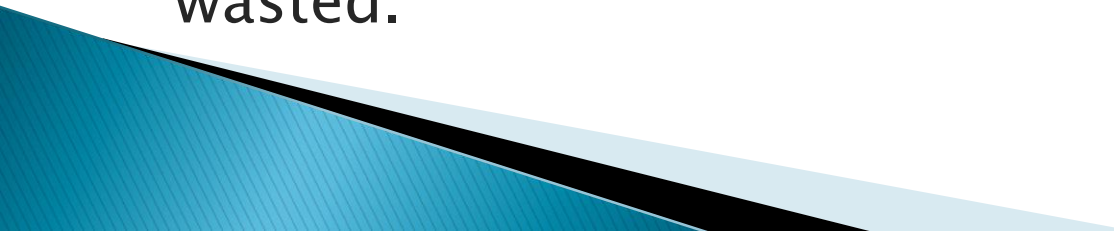
Green WF	Blue WF	Grey WF	
0	4,851	35,187	40 thousand m ³

4. Comparison of the water used “with” and “without” the action of the FBN

**Comparative analysis of the green, blue and grey water footprints
"with" and "without" the activities Food Bank of Navarra in 2018**



5. Conclusions

- The water footprint of the FBN was **1925 m³** of fresh water in 2018, mostly green water associated with the consumption of paper and wood.
 - The water use avoided by the use of food, which would otherwise be wasted, is **1997 times higher** than those uses caused by the activities of the FBN.
 - Consequently, the activity of the FBN prevented the use of **974 Olympic swimming pools** of fresh water in 2018.
 - These results highlight the importance, **not only social but also environmental**, of the FBN, since it prevents a large amount of fresh water from being wasted.
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Thank you all
for your
attention

