

# Water footprint in the oil industry.

A study of the use and consumption of water  
in an oil drilling rig.

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**Richard Chango Valverde**

# Problematic

Fresh water for human  
consumption and ecosystems  
1%

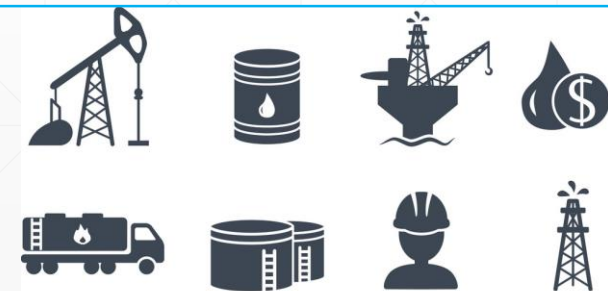
69%



12%

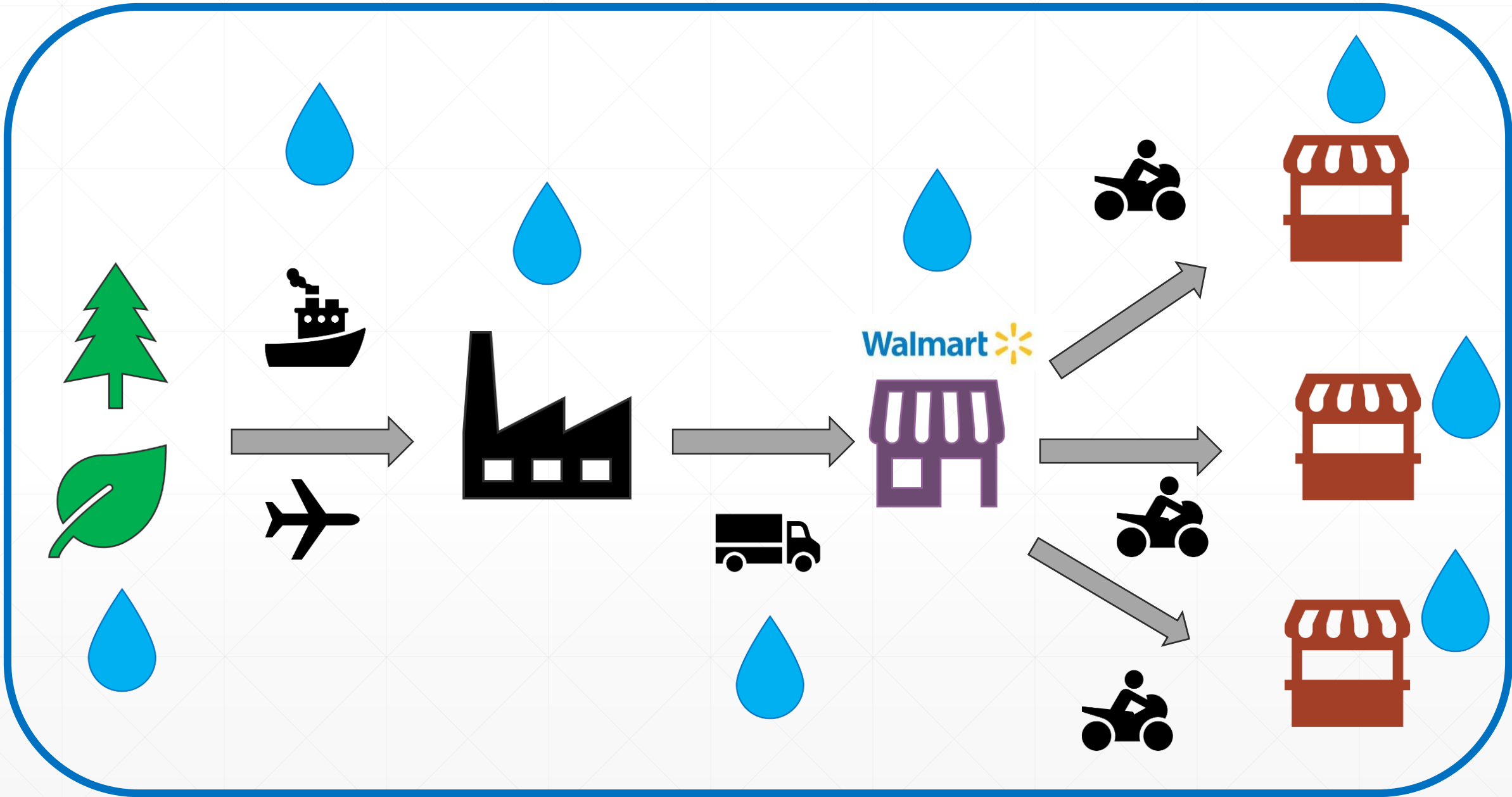


19%





WATER





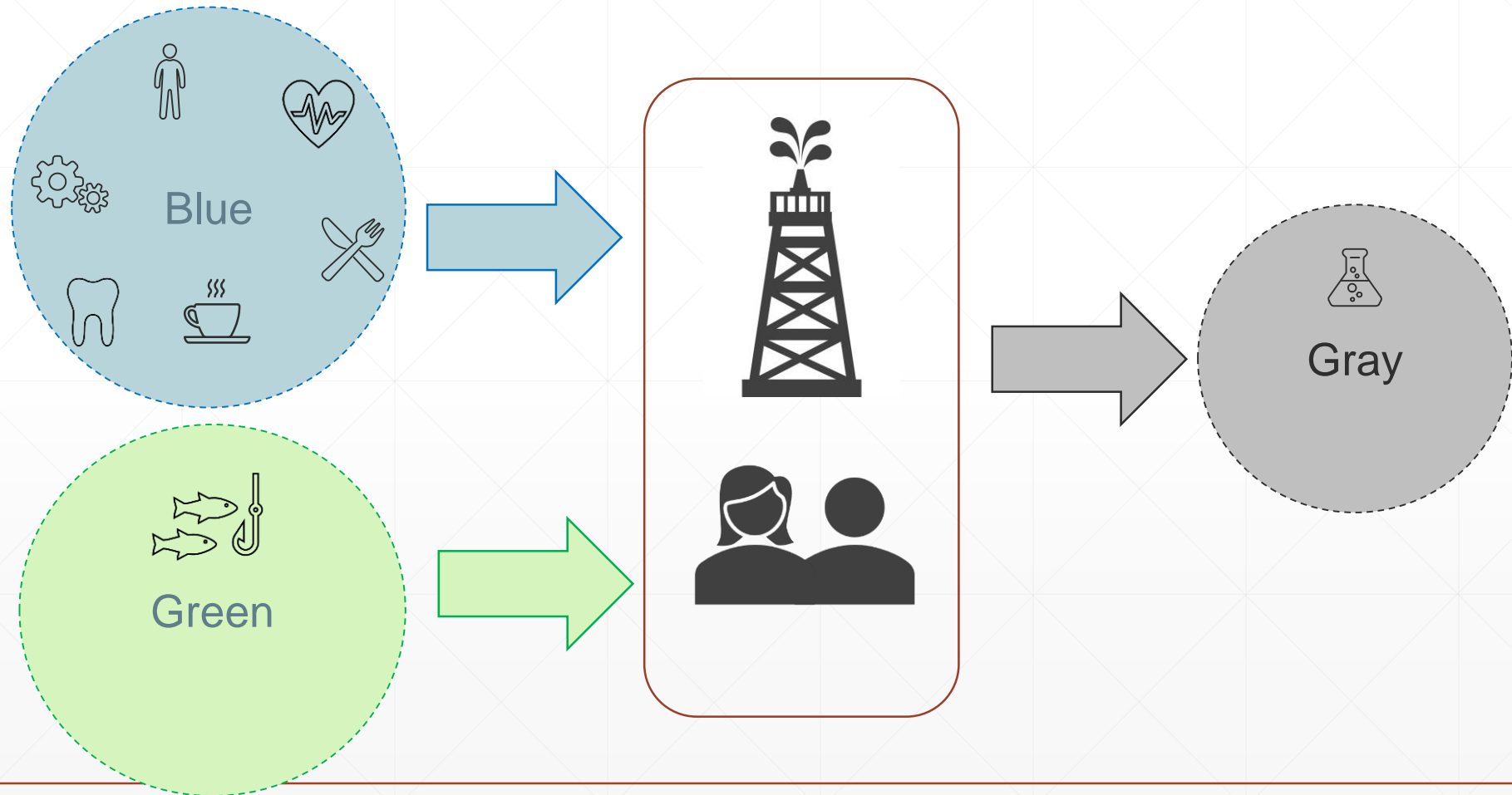
# 1<sup>st</sup> STEP

# IDENTIFY THE PROBLEM

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# System



# PRELIMINARY CONCLUSIONS

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**\$ 18 K**

**EACH MONTH  
WATER RESOURCES**

**DRILLING RIG**

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# 98 Olympics Pools



# ¡THANKS!

Richard Chango Valverde



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# References

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Hoekstra, A. Y., Mekonnen, M. M., Chapagain, A. K., Mathews, R. E., & Richter, B. D. (2012). Global monthly water scarcity: Blue water footprints versus blue water availability. *PLoS ONE*, 7(2). <https://doi.org/10.1371/journal.pone.0032688>

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