



# Production of bottled water in the Kyrgyz Republic

JSC "Kyrgyzindustry"

Bishkek 2022

# Fresh water reserves of Kyrgyzstan

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Lakes - 1745 cubic km;  
Glaciers - 650 cubic km;  
Groundwater - 13 cubic km;  
River drains - 52 cubic km;  
Renewable water resources - 46 cubic km



**The total volume is 2458 cubic km**



**Glaciers alone hold 20 years of global bottled water consumption**



## Source of natural glacial water in the National Park "Ala-Archa"

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- 2100 meters above sea level
- Water from an ecologically clean, protected area

- Crystal clear and pristine taste
- Living and soft water, the chemical composition practically does not change

- Ideal for daily consumption
- No deposition of mineral salts in the body

# Financial potential of the source

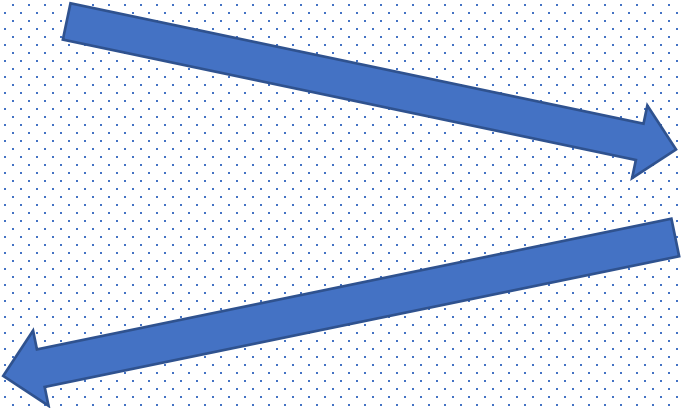
The flow rate of the source (water content) is 4320 cubic meters/day or 4.32 million liters/day

Use of 70% of this volume

756 million liters/year



\$225 million/year



Total exports of Kyrgyzstan  
\$226 thousand/year



1000 times



# Bottled water plant

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Compliance with international standard ISO/TS 22002-1:2009 Food safety prerequisite programs. Part 1. Food production"

Plant design according to HACCP principles



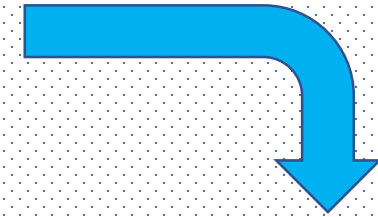
# Water treatment

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Filter system for mechanical water purification



Ultraviolet water disinfection system



Reverse Osmosis Equipment



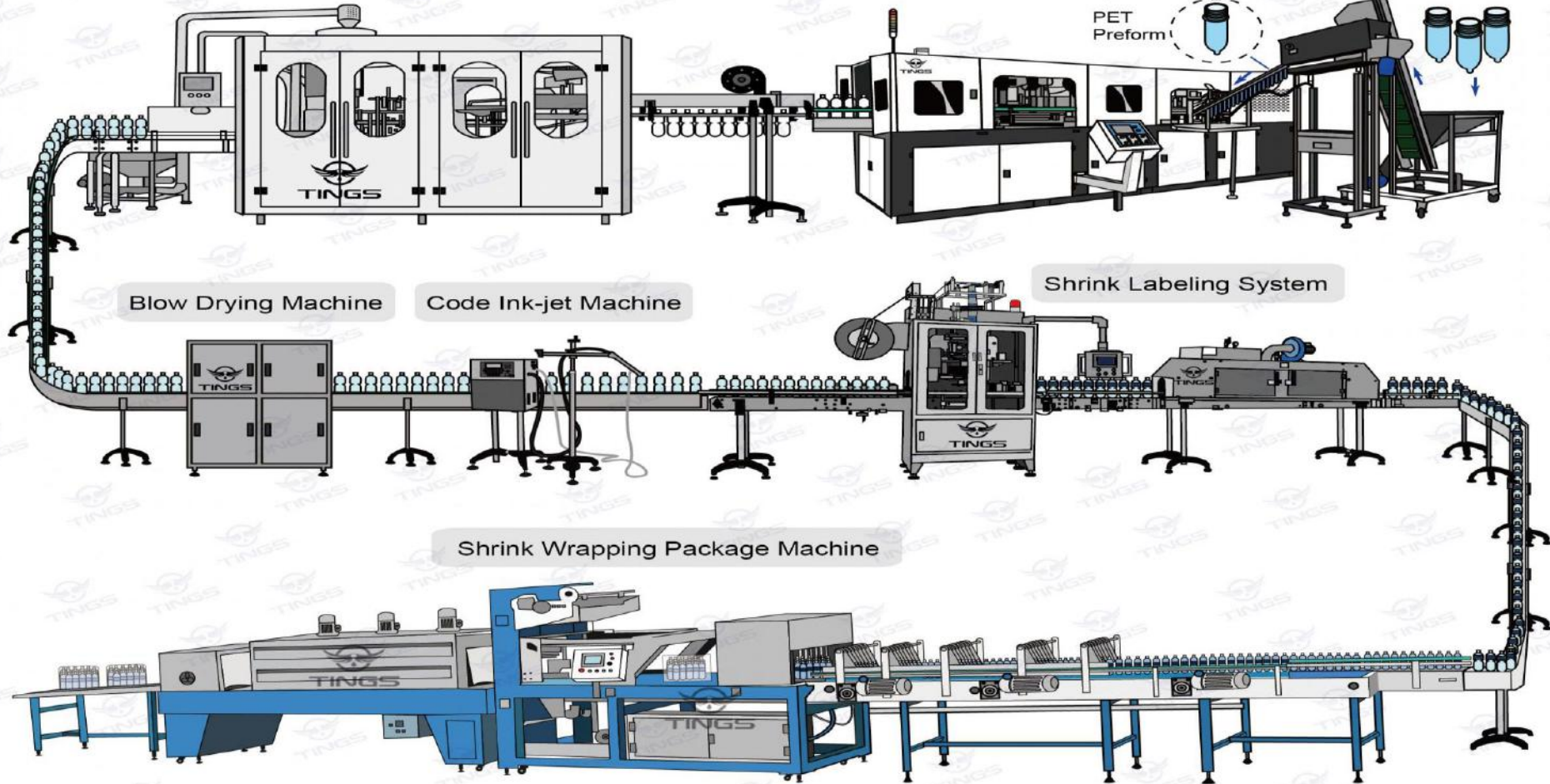
# Water bottling



Bottle Washing-Filling-Capping Integrated Machine

Blow Molding Machine

PET Preform



Designed by —  
Jiangmen Tings Drinking Water Equipment Co., Ltd.

# Water bottling equipment

PET bottle making machine



Packing machine



3 in 1 filling machine:  
rinsing, filling, capping



Labeling Machine







**Thank you  
for your attention!**