

TIRTA

MURNI NUSANTARA

**TRANSFORMING
LIVES WITH
CLEAR DRINKING
WATER**

TRAINING, EMPLOYMENT PATHWAYS,
DELIVERY OF CLEAN DRINKING
WATER & WASH EVENTS
(WATER, SANITATION & HEALTH)

FOR MORE INFORMATION PLEASE VISIT

tirtamurninusantara.org



MISSION STATEMENT 2024

to supply **136,875,000** litres of drinking water,
to **3000 Indonesian communities** in need annually.

NGO – TIRTA MURNI NUSANTARA UNSDG 6

6 CLEAN WATER AND SANITATION



TARGET 6-1



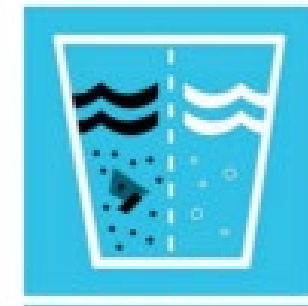
SAFE AND AFFORDABLE DRINKING WATER

TARGET 6-2



END OPEN DEFECACTION AND PROVIDE ACCESS TO SANITATION AND HYGIENE

TARGET 6-3



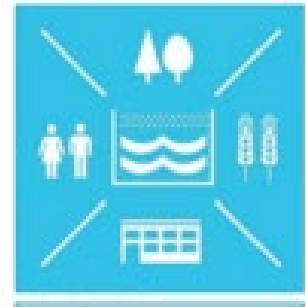
IMPROVE WATER QUALITY, WASTEWATER TREATMENT AND SAFE REUSE

TARGET 6-4



INCREASE WATER-USE EFFICIENCY AND ENSURE FRESHWATER SUPPLIES

TARGET 6-5



IMPLEMENT INTEGRATED WATER RESOURCES MANAGEMENT

TARGET 6-6



PROTECT AND RESTORE WATER-RELATED ECOSYSTEMS

TAX DEDUCTABLE IDR & USD YAYASAN INDONESIA & US BASED CHARITY

REGISTERED CHARITY – WASHINGTON UNITED STATES

Drinking Water Indonesia is registered a 501(c)(3) charitable organization.

Tax exemption is available in the United States under the name Drinking Water Indonesia.

Business Entity Name:
DRINKING WATER INDONESIA

UBI: 605483547
Expire: 03/31/2025

Employer Identification Number:
99-2151060

ITIN:
994975092

Address:
522 W Riverside Ave STE N
Spokane WA 99201 0580

<https://drinkingwaterindonesia.org>
office@drinkingwaterindonesia.org

REGISTERED CHARITY - INDONESIA

Tirta Murni Nusantara is a registered Yayasan

Tax exemption is available in Indonesia under the name Tirta Murni Nusantara

Business Entity Name:
TIRTA MURNI NUSANTARA

SK KEMENHUMKAM
AHU-0020799.AH.01.04
Tahun 2022

NPWP:
616690145907-000

Address:
Jl. Penestanan, Sayan,
Kecamatan Ubud,
Kabupaten Gianyar, Bali 80571

<http://tirtamurninusantara.org>
office@tirtamurninusantara.org
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Executive Summary

- » The UN estimates that **two-thirds** of the world's population will be living in **water- stressed** areas by **2025**
- » **UN SG6 environmental impact**, delivering clean water to over 3000 communities in the first 4 years, assisting millions of people with a basic human right
- » **Manufacturing in Indonesia** from 2026, reducing costs significantly and enabling export to the SEA and Asian markets that currently import from Australia
- » **Passionate Leadership Team**
Supported by highly experienced senior advisors to ensure strong governance, operational management and drive rapid growth.

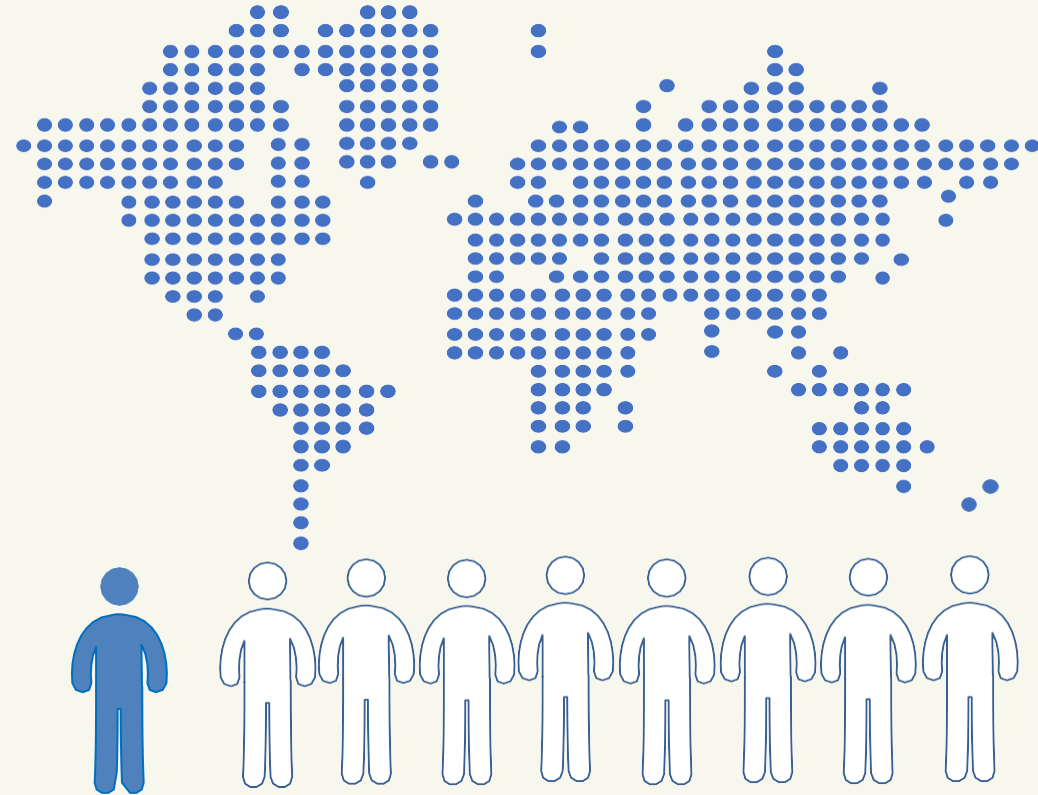
» **Children are most at risk**
Every day, over 700 children die from diarrhea linked to unsafe water, sanitation and hygiene.

» Globally, at least **2 billion people** use a drinking water source contaminated with eColi and harmful bacteria.

» Clean Water & Sanitation is one of the UN's most important sustainable development goals



The Need for Clean Water Globally



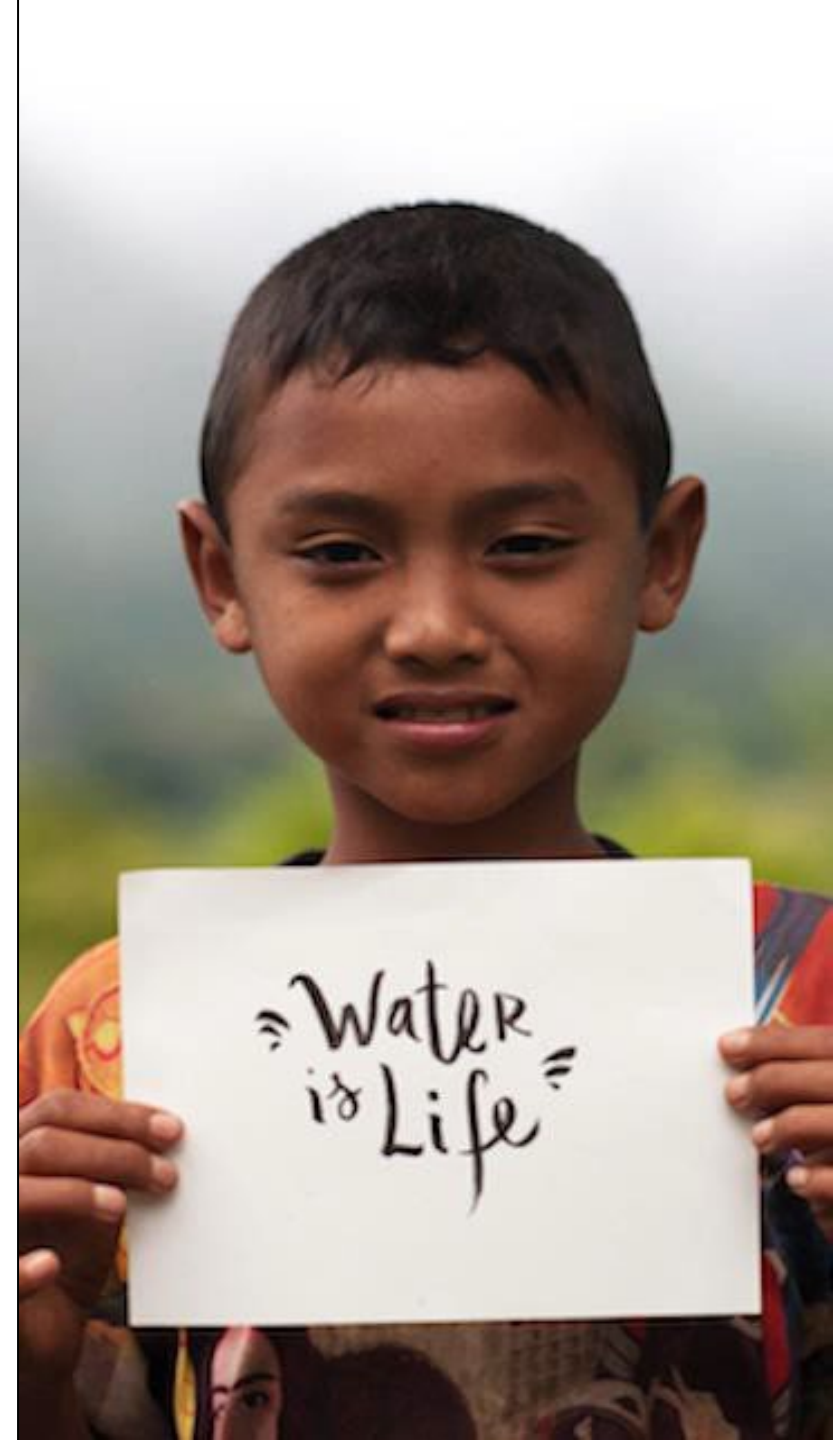
01 Globally 785 million people
1 in 9 – lack access to safe water at home

02 The UN estimates that **two-thirds** of the world's population will be living in water- stressed areas by **2025**

03 According to Water Aid, poor water causes the death of a child under the age of five about every two minutes

The Need for clean water in Indonesia

- » There are 80m Indonesian children and 57% are deprived of basic utilities such as clean drinking water.
- » 20% of Indonesia's 83,000 villages access water sources with widespread eColi and harmful bacteria contamination – 17,000 villages.
- » 25% of the deaths of children under 5 is from Diarrhea, caused by lack of clean drinking water and poor sanitation.
- » 79% of the 236,000 Indonesian schools lack access to a clean drinking water source – 186,000 schools.
- » Many of the nearly 10,000 Puskesmas (Health Centers) lack access to a clean drinking water source and need to purchase distilled water for washing wounds.
- » Purchasing water in plastic bottles has a devastating impact on the environment



The Need for clean water in Indonesia



The Indonesian Government has stated that 17,000+ villages lack access to clean water

Indonesian population
273 million



20%



Do not have safe drinking water
from a total of 83,441 Villages

34 Million
Indonesians

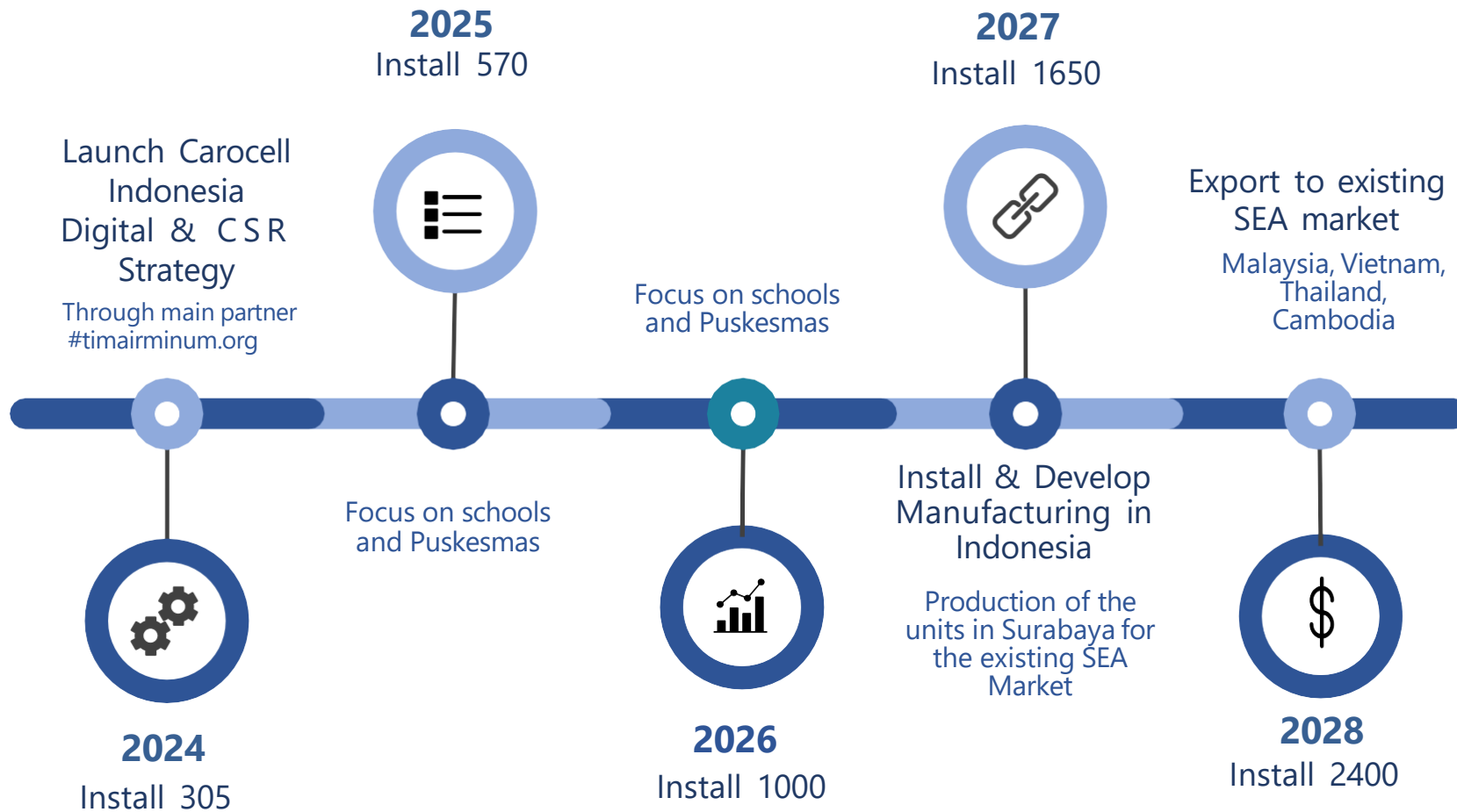
Lack access to safe drinking water



Strategy & Goals to achieve our mission

Road to market and scaling up

From Installation to Manufacturing in Indonesia



Target Installations



Dedicated Not For Profit Partnership

AIR MINIMUM BERSIH NFP
Single Purpose UN SDG no 6.
Dedicated NFP for Clean Water
Indonesia.
Carocell is our dedicated local
partner. With a mission to
install 3000 units by 2024



Health Centres. Puskesmas

There is approximately
9718 Puskesmas
around the country
according to the
Ministry of Health of
Indonesia



Government Funding

Collaborative efforts with local
government to achieve their
targets for 2025 UNSG no 6.
The Indonesian Government
has stated that 17,000+
villages lack access to clean
water



Hospitals

2,813 hospitals in Indonesia,
63.5% of which are run by
private organisations.



Schools

170,000 primary schools,
40,000 junior-secondary
schools & 26,000 high
schools..

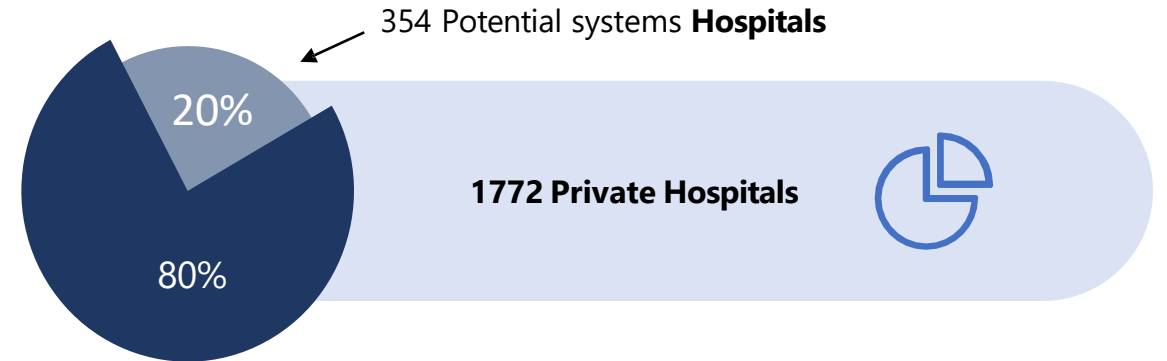
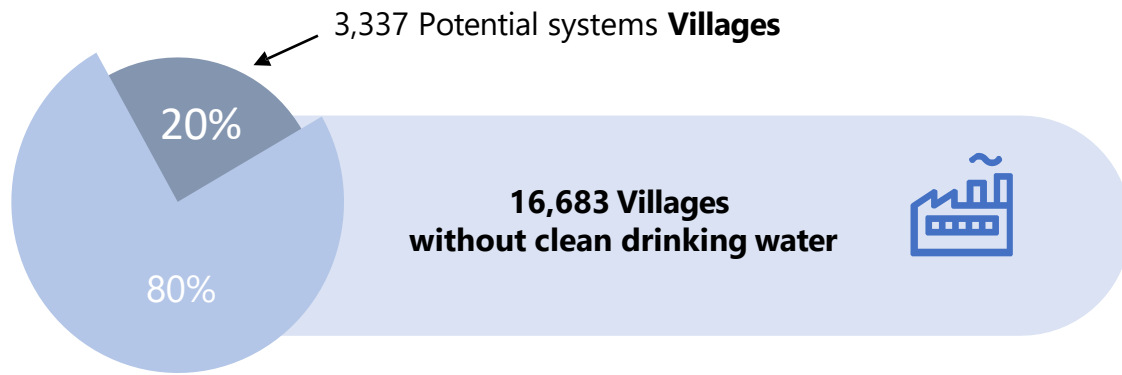
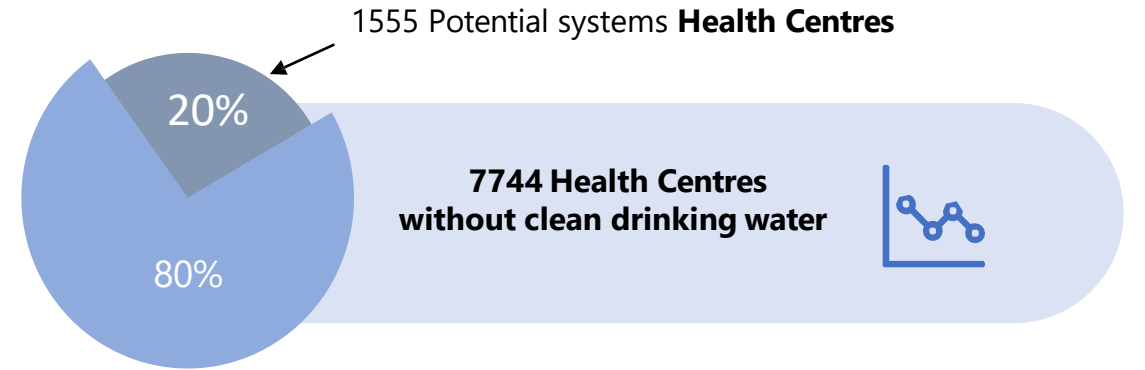
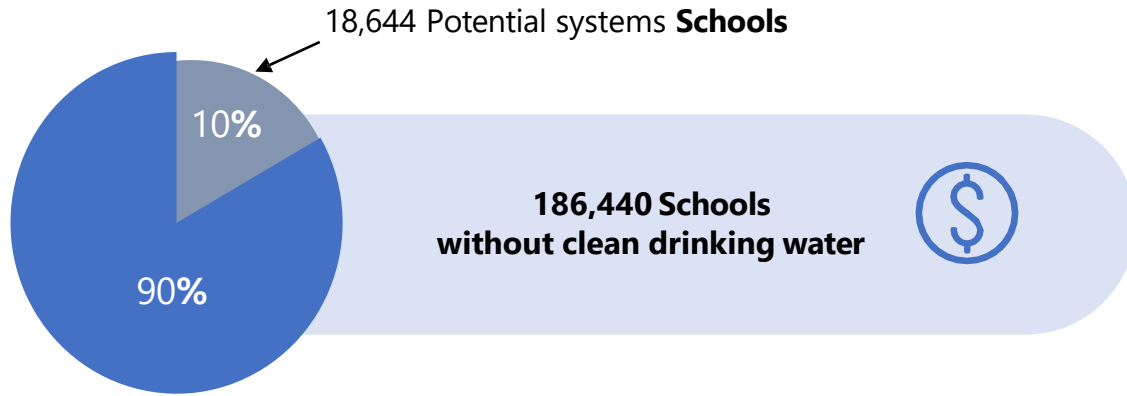
Sister School Program
across Indonesia and
Internationally focusing on
1000 schools



Later Manufacturing for SEA

Decreasing the cost of importing,
while scaling up to supply the
existing South East Asian Market

25,308 Total Systems





Pilot Report Program Bebandem Karangasem Health Centre
1650 litres of drinking water per month in **plastic bottles**

Pilot Program Bebandem Karangasem Health Centre

1650 litres of drinking water per month in plastic bottles

600 ml Bottle of Water

Retail average is A\$0.40 per bottle

25 billion litres of plastic bottled water is consumed in Indonesia each year.

It takes 3-4 litres of water to produce one 600 ml of bottled water.

600 grams of CO₂ produced for 12 grams of PET (1 Bottle)

Each 600 ml plastic bottle uses A\$0.03 of oil in its manufacture.



Economic & Environmental Impact for Bebandem Puskesmas

Currently purchase 2,750 bottles per month for A\$1,100.00 per month

33,000 plastic bottles are manufactured for and disposed of annually at Bebandem Puskesmas

100,000 litres of water used to produce bottled water for Bebandem Puskesmas

20.0 million grams of CO₂ produced for water consumption annually at Bebandem Puskesmas

A\$1,000.00 in oil for the plastic bottles at Bebandem Puskesmas

Installation

Bebandem Puskesmas Bali



Pilot Program Bebandem Karangasem Health Centre Cost Benefit

Bottled Water	2017	2018	2019	2020	2021	Total
Yearly consumption litres	19,800	19,800	19,800	19,800	19,800	99,000
Water Cost Yearly \$	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200	\$ 66,000
Cost per litre \$	\$ 0.67	\$ 0.67	\$ 0.67	\$ 0.67	\$ 0.67	0.67

Carocell Solar Farm	2022	2023	2024	2025	2026	Total
Yearly production litres	36,000	36,000	36,000	36,000	36,000	180,000
Purchase cost \$7,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 7,500
Cost per litre \$	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04

Savings over 5 years						\$ 58,500.00
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