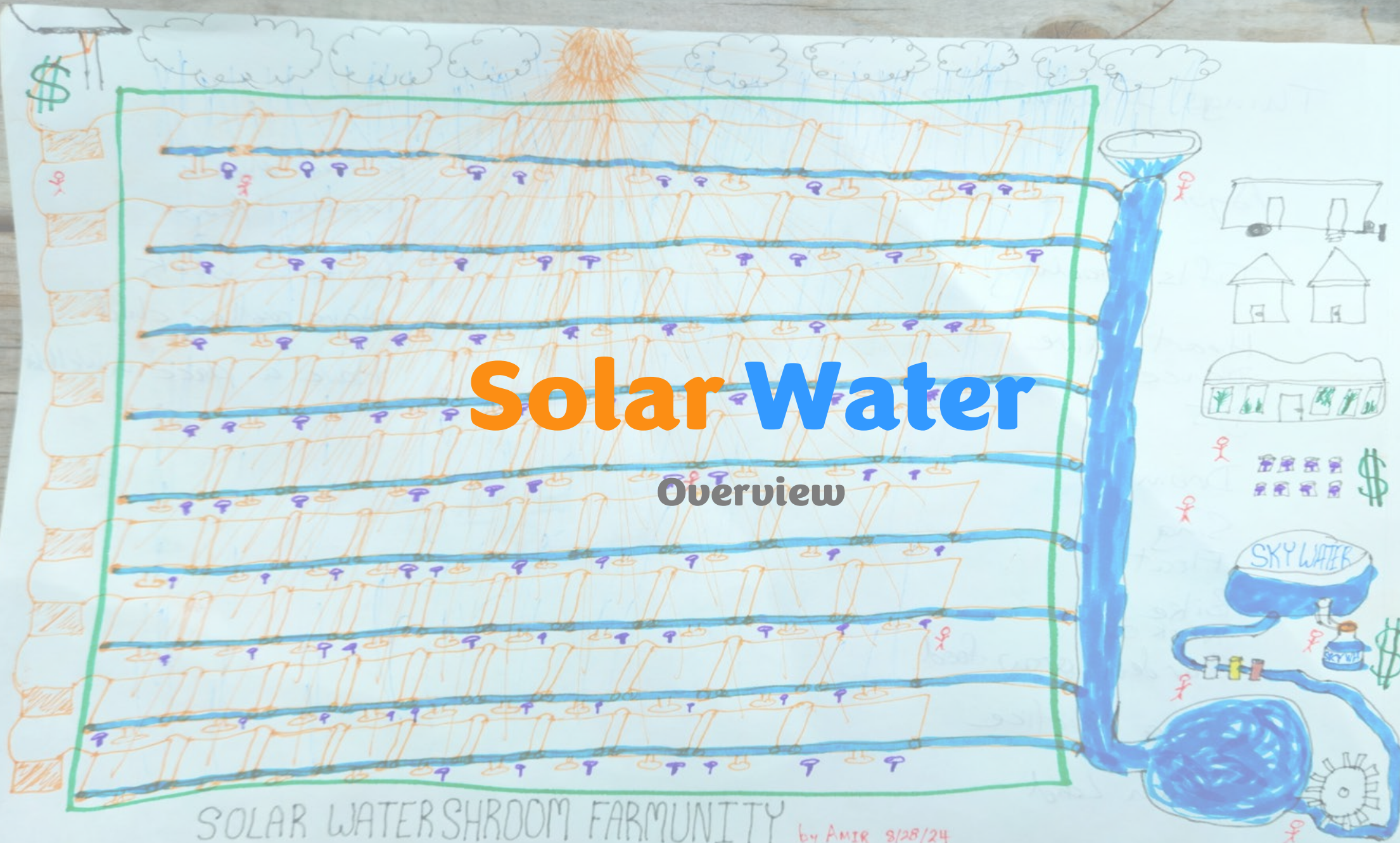


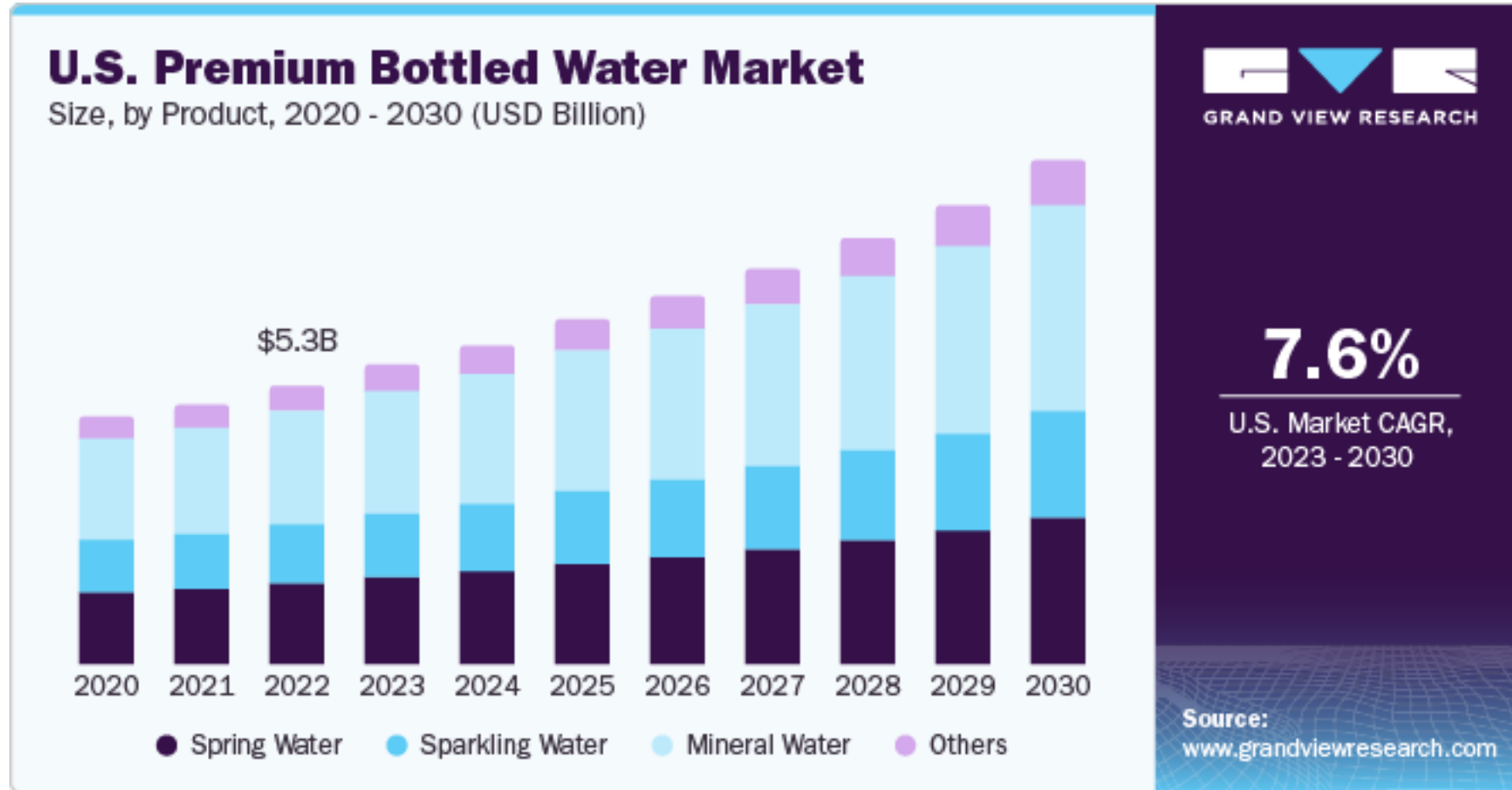
Solar Water

Overview

SOLAR WATER SHROOM FARMUNITY by AMIR 8/28/24



The premium water market is only growing...



A high-angle photograph of a natural rock pool in a desert environment. The pool's water is a vibrant blue-green, with bright green algae growing on the dark, wet rocks at the bottom. The surrounding terrain is composed of reddish-brown soil and scattered rocks. The scene is brightly lit, creating strong contrasts between the water, the rocks, and the dry ground.

but the bottled water industry is not sustainable

- **Over-extraction and depletion of water sources**
- **Carbon footprint of processing and logistics**
- **Waste from plastic bottling**

And smaller-scale solar farm ROI is not market competitive

3.9%


Average annual 1 MW
solar farm ROI over 20
years

11.3%

Average annual S&P
500 ROI over 20 years

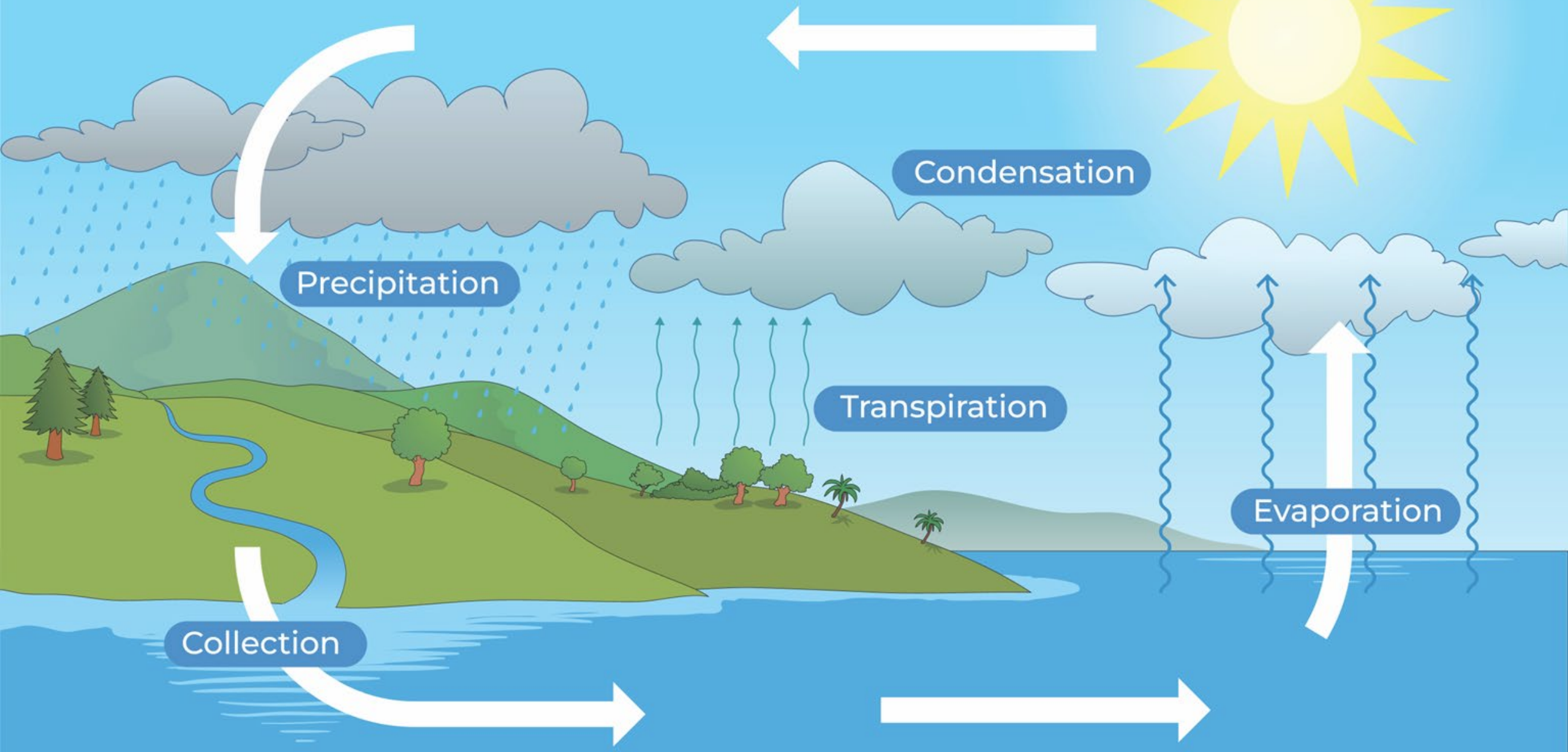


**Free sunshine isn't Nature's only gift.
Solar farms can harvest rainwater too.**



**A 1 MW (6 acre) solar farm can harvest
7.8M gallons of rainwater per year in MA.**

Rainwater is nature's cleanest water...



...and the best tasting too.

Average US tap water:



350 mg/l.
Total Dissolved
Solids

Most expensive* spring water:



225 mg/l.
Total Dissolved
Solids

* retails for \$7/gallon

Harvested rainwater in MA:



32 mg/l.
Total Dissolved
Solids

Opportunity to Increase Solar Farm Earnings by Two Orders of Magnitude

1MW **Solar** Farm Financial Summary Over 20 Years

Investment required: **\$1M**

Earnings over 20 years: **\$812K**

Assumptions:

- Land rented (not owned)
- Avg annual MWh: 1,373
- Avg price per MWh: \$53.05
- Avg annual revenue: \$72,101
- Avg annual expenses: \$31,522
- Avg annual earnings: \$40,579

1MW **Solar Water** Farm Financial Summary Over 20 Years

Investment required: **\$1.5M**

Earnings over 20 years: **\$105M**

Rainwater harvestings assumptions:

- Rainwater harvesting, filtration, storage, and bottling equipment cost: \$450,000
- Avg rainwater sold annually: 1.6M gallons
- Avg revenue per gallon: \$2.95
- Avg annual expenses: \$287K
- Avg annual earnings: \$5.2M

Exploring Pilot Project

3-Acre Solar Water Farm

- **Location:** New England
- **Investment required:** \$750K
- **Breakeven point:** 1.75 years
- **Projected annual return after breakeven:** \$500K+

Key Goals

- **Compliance with bottled water regulation requirements**
- **Optimize rainwater, storage, testing, and sustainable bottling**
- **Establish brand and commercial distribution partners**



Amir's Background

Serial Impact Entrepreneur, Permaculture Designer

- 6 impact ventures, 3 exits, \$20M equity raised, \$100M+ sales
- Experience designing and building solar and rainwater harvesting systems in NM, MA, FL, and Puerto Rico
- Experience building nationwide consumer brands from scratch
- Master's from MIT Sloan

