

A group of children, mostly girls, are playing with water. A stream of water is falling from the top, splashing onto their faces and hair. They are smiling and looking towards the camera. The background is a bright, sunny outdoor setting with trees.

Annual Report

2023



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**The hours-long walk for clean water should not be inherited from generation to generation.**

We are on a **mission** to end water crisis using clean energy!

# Dear Authors,



**Mustika Wijaya**  
Founder and Executive Director Solar Chapter

In the early days, when Solar Chapter was just vision, we considered many potential names. But it was “Solar Chapter” that resonated with us instantly. It symbolized a fresh start, a book to be filled with hopeful, resilient stories powered by solar energy. We refer to our supporters as “authors” because it is you who help write this impactful narrative. Your support is the cornerstone of our mission.

Our mission came to life with the installation of our first solar pump in 2018. The sun beat down relentlessly that day, I met a teenage girl who had to sacrifice her education, shouldering the burden of her family’s water needs so that her sister could stay in school. With the solar pump now installed, I knew her life would pivot. No more five-hour treks for water—her dreams were once again within reach.

That moment solidified a promise within us:

**To create and deliver sustainable programs to those most in need, from one generation to the next.**



2023

# A Milestone Year

2023 was our most impactful year yet, marked by several milestones!

## New Heights in Impact and Expansion



Thanks to your generosity in 2023, Solar Chapter achieved our **largest project expansion** yet, implementing **7 innovative water systems across 6 villages**, significantly extending our reach and impact.

## Innovation Effort



In a leap towards future-proofing our projects, we are advancing **remote sensor technology for real-time monitoring of water systems** and **capacity building curriculum** to empower communities in managing their water systems.

## Growing Our Organizational Capacity



Over **1200 passionate individuals** applied to join Solar Chapter to end the water crisis, we are proud to welcome **5 new full-time employees and 6 freelancers**, a significant increase from just 2 full-time employees the previous year. Additionally, we've established a **new office in Kefamanu, East Nusa Tenggara**, strategically positioned near our project sites.

# Our Values

## From Sun Energy to Water Tap: Ending Water Crisis

For over six years, we've transformed solar energy, an abundant resource in East Nusa Tenggara, into sustainable water access, with systems requiring minimal maintenance.



# 1

## Program Continuity

Our "Mengalir Sampai Anak Cucu" campaign aims for lasting solutions. We help Desa Biau and Desa Umunana communities by **fixing pumps, replacing systems, and setting up water committees** and funds for ongoing maintenance and support.

# 2

## Nurturing Community Self-Empowerment

We involve the community in every project phase, from planning to implementation, **where locals contribute materials, funds, and labor.** Currently, we're creating a curriculum to enhance water management and leadership skills within the communities.

# 3

## Targeting High-Need Areas

We targeted **high-need, low-income areas**, completing projects in Desa Tafuli and Boen this year. Despite challenges like limited access and remote water sources, our commitment to impactful change remains strong.

# Youth Action Empowering Future Leaders of Indonesia

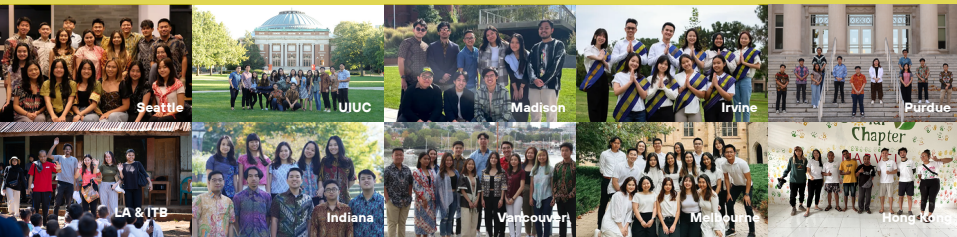


At Solar Chapter, we're not just building systems; We're building futures.

**81% of our workforce comprises young individuals, demonstrating our dedication to youth empowerment.**

Our volunteers, all young changemakers aged 17 to 24, form the backbone of our 12 branches. They come from diverse corners of the globe – the USA, Canada, Asia, Melbourne – each bringing unique perspectives and energy, **with total number of 141 youths.**

Together, they are not just participants; They are architects of a greener, more resilient world.





# Our Impact

**7**

water projects  
completed

**5.660**

people get access  
to clean water

**11.886**

hours saved / day.  
Water now accessible  
within 3 minutes



# 2023 Where We Worked

## Golo Ketak

983 Villagers  
228 Families

## Mbuit

794 Villagers  
204 Families

## Umuthana

Replaced the  
water pump with  
the new one

## Bisesmus

852 Villagers  
234 Families

## Biau

Repaired the  
electrical  
panel box

## East Nusa Tenggara

## Boen

1055 Villagers  
302 Families

## Tafuli

1105 Villagers  
190 Families

## Nanin

1005 Villagers  
224 Families

## SMKN

## Sasitamean

238 Students

# Priority SDGs



By using renewable energy sources, our systems not only reduce carbon emissions but also **enhance climate resilience in vulnerable areas**



We provide water access just **3 minutes away from homes** in remote communities, enabling better hygiene practices and improved overall health



Improve agricultural practices and have been shown to **increase incomes by 151%**, directly contributing to poverty reduction



## Meet Mama Yohanna

In 2023, we returned to our first water project village, Desa Umutnana As-manuella, to check on the situation **six years after implementation**

Mama Yohanna can now water her backyard garden and **sell the produce in the market**. This has enabled her to **send her children to study** in Malang, East Java.

# Our Partners



Marriott International supported a water project for #WaterForTafuli through a fundraising running event, Road to Give 2023.



The New Zealand Embassy supported #WaterForMbut through New Zealand Head of Embassy Fund 2023 in August 2023 and backed an economic empowerment program for the community.



Google.org and ADB through AVPN granted funds in 2023 to support their remote monitoring sensor project, Water IQ.



Vinilon Group supported the piping for Water for Boen and offered a special support for piping in all of our water projects.



# 2023 Financials

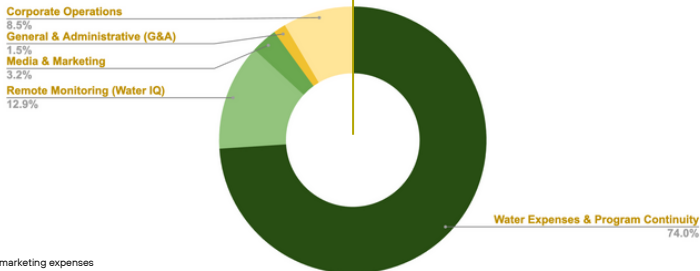
*in million Rupiahs*

## Consolidated Revenue

2021	Project Donations: 766.56
2022	Project Donations: 1,741.34
2023	<b>Project Donations: 2,351.65 + Water IQ Grant: 1,471,48</b>

## Operating Expenses

**2,654.71** Total operating expenses



Notes:

Media & Marketing - Documentation, marketing expenses

General & Administrative (G&A) - Legal, tax, subscription, bank fee, financial audit

Corporate Operations - management salaries, office operations, Office Rental

## Increase in Net Assets

**1,168.42** Total increase in Net Assets\*

\*Total increase in Net Assets includes ~950 millions IDR unutilized grant to be spent for Remote Monitoring R&D (Water IQ) in 2024

A woman with her hand on her hip, wearing a purple dress, stands in a rural setting. In the background, there are trees and a blue water container. In the foreground, there are several water jugs and a wooden structure. The overall scene is outdoors and appears to be a water distribution or collection point.

# LOOKING AHEAD

Our journey does not end here. Our journey at SolarChapter continues with great enthusiasm for the coming year. We're launching our Remote Monitoring and Capacity Building module, the Hope Reinsure Program, to ensure program continuity and expand our research and development efforts beyond water. With more authors joining, we are excited to find out what the coming year holds for us!

**Thank you.**

**Solar Chapter Team**