

# Key Takeaways

## Launching of National Solar Water Pump Multi-Stakeholder Platform

Organized by: ESEDA and SNV-SEFFA

29 Aug 2023



# National Solar Water Pump Multi-stakeholder Platform(SWP-MSP) August 29, 2023

## Welcoming and Opening Remarks



*"Proud to launch Solar Water Multi Stakeholders Platform as historic occasion happening during the time where energy nexus has been presented on the National Water and Energy Exhibition at the Science Museum"* said Berhanu Woldu, CEO of Rural Energy Technology Development, Ministry of Water and Energy(MOWE)

*"The platform will serve as a form for dialogue, coordination, knowledge sharing, innovation and advocacy as well as to address challenges and create opportunities related to development and dissemination of solar water pump in Ethiopia"* said Hawi Tesfaye, Chairperson, Ethiopian Solar Energy Development Association (ESEDA)



### **National Solar Water Pump Multistakeholder Platform was officially launched!**

It brought together multi sector actors in Ethiopia: private actors, associations, farmers groups, government, programmes, finance Institute, service providers, development organisations and donors to share insights, knowledge, and experience.

The platform discussed goals, structure, activities, and timeline. The forum also created many opportunities for SWP users and suppliers for introduction and network among each other and with government and other development actors during the half day.

### **Objectives of the platform**

- To create enabling environment towards the sustainable promotion of solar water pump technology
- To strengthen the collaboration among key players in the sector by creating platform to share experience, skills, knowledge, technologies and bringing policy dialoguing issue
- To have a joint voice to forge a win-win approach.

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# Platform Agenda



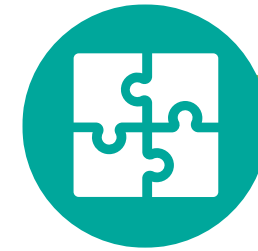
## What is SWP-MSP?

The National Solar Water Pump Multi Stakeholder Platform's( SWP-MSP) idea, structure, activities and timelines shared with participants.



## What users said about SWP?

Four farmers irrigation user groups from Lume, Meskan, Shebedino and Bahir Dar Zuriya woredas shared their view on the process of procuring, install and using SWP.

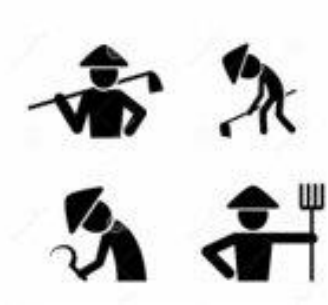


## Who is doing what ? What did we learn?

Five actors (Minster of Agriculture(MoA),Agriculture Transformation Institute (ATI),SNV, Solar Development PLC, and Energy Market Accelerator (EMA ) shared their insights on SWP in Ethiopia, lesson and main challenges faced and focus area for the platform to work on through panel discussion.

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## SWP users' discussion



### What users said about SWP?

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## Irrigation User Farmers Group Testimony

 **SNV Ethiopia**  
@SNVEthiopia

“Farmers are interested in the solar water pump. They visit our site and ask us how they could acquire the technology”, Beddasa Jareso, Goro Irrigation Users’ Association, Lume woreda.



 SNV Energy and 2 others


10:02 AM · Aug 30, 2023 · 53 Views

<https://twitter.com/SNVEthiopia/status/1696780344794423473?s=20>

 **SNV Ethiopia**  
@SNVEthiopia

“We travel long distance carrying the broken diesel pump. Sometimes we ought to pay extra birr to get the fuel” Desalegn Alem, Abay Mender Irrigation users’ Association.



 EU in Ethiopia / የአውሮፓ ህብረት በኢትዮጵያ and 3 others

9:52 AM · Aug 30, 2023 · 58 Views

<https://twitter.com/SNVEthiopia/status/1696777839234756832?s=20>

 **SNV Ethiopia**  
@SNVEthiopia

“We accessed solar water pump on cost sharing basis. The water discharge capacity of the system has improved irrigation time efficiency” Ibrahim Redi, Chairman, Green Legacy Irrigation Farmers’ Association, Meskan woreda.



10:00 AM · Aug 30, 2023 · 51 Views

<https://twitter.com/SNVEthiopia/status/1696779968775119049?s=20>

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## Stakeholder Panel Discussion



### Who is doing what? what did we learn?

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## Panel Key Takeaways for next SWP-MSP Meeting



### Access to Finance

Finance access is an issue for both users and suppliers.

Explore the new and past initiation developed with various financial institution to avail loans for SWP users and suppliers.

Promoting joint ventures or FDI in assembling factories.



### Informed Actors

Awareness to farmers to make informed decision on SWP purchases.

Awareness to all other actors including experts on SWP.

How to! simple guide to design layout and operate the machine.



### Business case of SWP

Project based SWP supply: Most SWP at user's hand is distributed through project either for free or with a subsidy.

Affordability:

exploring ways to reduce the high upfront cost: SNV- SEFFA project experience on group ownership reduced the per farm upfront cost.

Sustainable business case for users and suppliers.

Explore ongoing business case/model: SNV- SEFFA and MOA are working on case/models to be further explored and shared.

Fit for the purpose: Need based SWP product packaging based on the plot size, water source and major crops to be cultivated.



### Product Quality

Standard/quality. Assurance Mechanism:

Explore current practices, Develop a national SWP product standard for smallholder farmers.

SEFFA, MOA and Solar Development PLC have on going activities /practices to be explored.

Private actor association self-regulation: Explore more ESEDA's practices and build on them.



### Sustainable Use of Water

Follow the status of water policy submitted by MOWE for parliament's endorsement.

Explore further on How to ensure sustainable use of water.

# National Solar Water Pump Multi-Stakeholder Platform(SWP-MSP) August 29, 2023

60 participants  
22 organizations attended



Green Legacy  
Irrigation User Farmers Group



Meseret Mare Gebre  
Solar Importer

GORO  
Irrigation Users Farmers Group



Abay Mender  
Irrigation user Farmers group



GGGI  
Ethiopia

SUN TRANSFER TECH  
Sustainable Off-grid Energy Solution



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Acme Engineering and Trading Plc



Shebedino Renewable Energy  
Small Scale Irrigation Group



# About SEFFA Donors and Partners

The Sustainable Energy for Smallholder Farmers (SEFFA) in Ethiopia, Kenya and Uganda project was designed by leveraging over 15 years of practical experience of EnDev. The strategic partnership identified lack of modern energy access as one of the critical development barriers in rural areas since it undermines agricultural productivity, exacerbates pre- and post-harvest loss, and makes it challenging to store and process produce. The IKEA Foundation has provided an EUR 8 million grant to support EnDev's efforts. [Learn more about the project here.](#)

## Funded by:



## Government Partner:



## Coordinated and implemented by:

