

A

BRIEF SURVEY REPORT

FOR

SOLAR STREET LIGHTS

AND

IMPLEMENTATION OF DRIP IRRIGATION SYSTEM

IN

PODAPADA, KHUDUPUR, ARGUL, KANSAPADA, AND PADANPUR

By: Submitted to:

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1. Podapada

Surveyors: Rohit and B. Vijay Sai

(i) Solar Street lights Survey

• Following are the surveyed locations for the solar street lights.

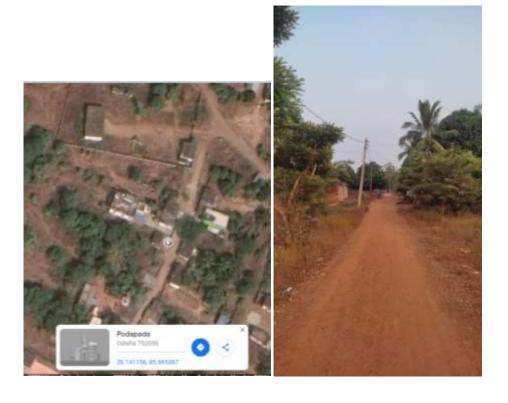
 $1.\ \underline{https://maps.app.goo.gl/1VXJJ94jJSJA4ka8A}$



$2.\ \underline{https://maps.app.goo.gl/nHdc7gWdhfiiEKgv8}$



 $3.\ \underline{https://maps.app.goo.gl/5iKbdHZbQZ9Y73WB9}$



- Source of Irrigation: Rain water (mostly) and one villager is already using drip irrigation.
- Crops: Rice, lentils and vegetables.
- **Interested** in the drip irrigation system.
- Villagers surveyed:
 - 1. Abgash Chasmal (8018136923)
 - 2. Ananth bari (9439647742)
 - 3. Parasuram (already using drip irrigation and got more yield)
 - 4. Lakshmi Dash Sahoo
 - 5. Abhimanyu Raudra (8144136799)



2. Khudupur

Surveyers: Krishna, Swastik and Harsh.

(i) Solar Street lights Survey

- The identified various locations for installing Solar lights:
- 1. https://maps.app.goo.gl/oaMZ6DVKVPgnvRKGA



2. https://maps.app.goo.gl/T5Mq3TbyaBnqpuHd6



- There are few farmers left in the village and most of the irrigation field is barren.
- There is less availability of water sources.





3. Argul

Surveyers: Sukumar and Sanjeet Swaraj

(i) Solar Street lights Survey

1. https://maps.app.goo.gl/3rpJANNXcPuNAFof7 (Link to four different suitable locations of solar street lights).

- Farmers willing to have good irrigation facilities and **interested in drip irrigation** to increase their productivity.
- They mostly do **mixed crop** cultivation and other crops like **rice cultivation** majorly.
- Source of Irrigation: They are particularly dependent on natural sources.



4. Kansapada

Suveryors: Rajesh and Shobhan

(i) Solar Street lights Survey

 $1.\ \underline{https://maps.app.goo.gl/FGuRtT2STJB42TNt6}$



 $2.\ \underline{https://maps.app.goo.gl/YCnBhExrNvRg1B518}$



- Source of Irrigation: Rain water (mostly) and well water.
- Crops: Rice (majorly) and vegetables in winter.
- All the surveyed villagers are **interested** in drip irrigation for their crops.
- Villagers surveyed:
 - 1. Ramesh Nayak (9777786562)
 - 2. Basanti Behera (6372429198)
 - 3. Prabhakar Dasa and Laxmidhar Das
 - 4. Kanhu Charan Behera (8114683037)







5. Padanpur

Surveyers: Rajesh and Prem Raj

(i) Solar Street lights Survey

- The successfully surveyed locations for 2 solar street lights:
- $1.\ \underline{https://maps.app.goo.gl/zGbn71qroT8Js3xw7}$
- 2. https://maps.app.goo.gl/dk2gESpJuPf31Skq7



- Source of irrigation: Rain water
- Also many people maintain their livelihood by storing water in wells.
- **Interested** in drip irrigation.

