

# ***'Redefining the ABY Framework: Advancing Underground Pipeline as a Convergence Model in Haryana'***

## **Background**

Irrigation water is the scarcest natural resource in agricultural production system. Over the decade, its significance and importance has increased due to uneven distribution of rainfall and decreasing ground water table. In Haryana, 88 blocks of the state have been listed in over-exploited category tells the gravity of the problem, out of which 36 blocks have been covered under Atal Bhujal Yojana. Although, the state has 94% irrigated area and out of this area 65% irrigation is done through tube well. Farmers carry water from tube well or his irrigation source to every corner of his land through open channel. This led to various conveyance and evaporation loss of water, which decreases irrigation potential of source and costs him extra in form of electricity and diesel consumption. It has also led to over exploitation of aquifer. Therefore, on-farm water management through water saving devices such as Underground Pipeline System (UGPL) is need of the hour in the light of degradation of underground reserves.

## **Introduction**

In the agricultural landscape of Haryana, the Atal Bhujal Yojana (ABY) takes spotlight as a transformative initiative led by the Irrigation & Water Resources Department. Implemented across 1656 Gram Panchayats spanning 36 blocks in 14 districts, this scheme is designed to revolutionize irrigation practices and promote sustainable farming. Collaborating with the Agriculture & Farmers Welfare Department, the Irrigation & Water Resources Department has introduced a model of convergence, inviting applications for the Underground Pipeline (UGPL) scheme. This groundbreaking endeavour extends a 50 percent subsidy on UGPL to eligible farmers, positioning itself as a catalyst for positive change. ABY's commitment to a unified and coordinated approach underscores its mission to achieve sustainable groundwater management and foster agricultural development. By dismantling departmental silos and fostering collaboration, ABY aspires to craft a comprehensive strategy that leaves a lasting impact on critical water resource and agricultural challenges in the state of Haryana.

## **Aims And Objectives Driving the Promotion of the UGPL**

- i. Reduce losses of water from the system by seepage and leakage (transit losses).
- ii. Reduce time of water flow through the fields (travel time).
- iii. To enhance water use efficiency at farm level through various measures of minimizing the water losses in the watercourse and in the irrigated field judicious use of scarce irrigation water.
- iv. Saving of energy, labour, and time.
- v. To minimize the effect weeds, insects, and pests' infestation.
- vi. To Increase irrigation potential of Irrigation Source.
- vii. Reduce water-logging.

## Key Points to Note About the Convergence Model

### 1. Eligibility and Application Process:

- Agriculture and Farmers Welfare Haryana is implementing the scheme for Under Ground Pipe Line funded by ABY.
- The scheme is available to farmers in 1656 Gram Panchayats of 36 Over Exploited Blocks in Haryana.
- To participate, farmers must own the land for which they are seeking the subsidy.
- Applications for the subsidy can be submitted online, and the allocation of benefits follows a first-come, first-served basis.

### 2. Crops Registration Requirement:

- Farmers interested in availing the subsidy must register their crops on the 'Meri Fasal Mera Byora' portal. This step is mandatory for accessing the subsidy on the UGPL scheme.

**कृषि तथा किसान कल्याण विभाग, हरियाणा**

प्रिय किसान आपकी सूचित किया जाता है कि कृषि विभाग, हरियाणा सरकार द्वारा चलाई जा रही भूमिगत पाइप लाइन योजना पर अनुदान हेतु मेरी फसल मेरा ब्योरा पर पंजीकृत 36 अत्यधिक दोहन खण्ड (over ex-ploited blocks) बहल, कैरू, तोहारू, तोशाम, वाडरा, बल्लभगढ़, फरीदाबाद, दोहाना, फररुख नगर, गुरुग्राम, पटौदी, सोहना, गुहला चौका, राजौद, करनाल, साडवा, पेहवा, शाहवा, अटेली नांगल, कनीना, महेंद्रगढ़, नांगल चौधरी, नरनौल, हसनपुर, हथौन, होडल, पलवल, बापौली, सम्मलखा, खोल एट रेवाड़ी, ऐलनाबाद, रानियां, जगाधरी, रादौर, सडौरा, सरस्वती नगर की 1656 ग्राम पंचायतों के इच्छुक किसानों से आवेदन पुनः आमंत्रित किये जाते हैं। किसान भाई आवेदन पत्र स्वयं अथवा संबंधित मण्डल भूमि संरक्षण अधिकारी/सहायक भूमि संरक्षण अधिकारी/कृषि विकास अधिकारी/कृषि निरीक्षक के माध्यम से दिनांक 28.11.2023 से 12.12.2023 तक [www.agriharyana.gov.in](http://www.agriharyana.gov.in) पर ऑनलाइन आवेदन कर सकते हैं।

- 1) भूमिगत पाइप लाइन की खरीद पर 50 प्रतिशत से 25000/- प्रति हेक्टेयर व अधिकतम 60000/- रु. अनुदान दिया जाएगा। यह अनुदान अधिकतम 6 एकड़ भूमि पर ही दिया जाएगा।
- 2) आवेदन केवल ऑनलाइन ही स्वीकार किये जाएंगे।
- 3) अनुदान राशि " पहले आओ पहले पाओ " जिले की वरिष्ठता सूची एवं उपलब्ध बजट के अनुसार दी जाएगी।
- 4) किसान भाई भूमिगत पाइप लाइन, कृषि तथा किसान कल्याण विभाग के द्वारा सूचीबद्ध किसी भी निर्माता/सप्लायर से खरीद सकते हैं। किसान अपने स्तर पर रेट इत्यादि तय कर सकते हैं।
- 5) योजना के लाभ हेतु ' मेरी फसल मेरा ब्योरा ' पोर्टल पर फसल पंजीकृत अनिवार्य है।
- 6) अटल भू-जल योजना के अंतर्गत भूमिगत पाइप लाइन पर अनुदान का लाभ केवल 36 Over Exploited Blocks की 1656 ग्राम पंचायतों के किसान ले सकते हैं।
- 7) जिस किसान द्वारा भूमिगत पाइपलाइन के लिए आवेदन दिनांक 23.10.2023 से 06.11.2023 तक कर दिया गया है, उन्हें पुनः आवेदन की आवश्यकता नहीं है।
- 8) योजना से संबंधित सामान्य दिशा निर्देश, 36 Over Exploited Blocks की 1656 ग्राम पंचायतों का विवरण व अधिक जानकारी हेतु [www.agriharyana.gov.in](http://www.agriharyana.gov.in) के किसान अनुभाग के अंतर्गत कृषि योजनाओं के लिए आवेदन करें (Farmers corner -> apply for agriculture schemes) में देखें।

PRDH/1004/11/12/2024/22898/11/6 निदेशक।

### 3. Financial Outlay:

- Total funds allocated: Rs. 4000.00 lakh (Rupees Forty Crore)
- Nature of project: Social sector initiative for the farming community
- Risk assessment: No risks identified in legal, environmental, revenue, project management, or regulatory aspects of implementation.
- Block-wise physical and financial target:

Sr. No.	District Name	Block Name	Block Area (in Sq Km)	Actual required Benefitted (in Ha)	Actual Amount Required (in lakh)
1	Bhiwani	Behal	299.6829	100	25.0
2	Bhiwani	Kairu	350.6065	200	50.0
3	Bhiwani	Loharu	372.8652	150	37.5
4	Bhiwani	Tosham	581.4762	180	45.0
5	CharkiDadri	Badhra	387.0602	70	17.5
6	Faridabad	Ballabgarh	215.18	100	25.0
7	Faridabad	Faridabad	383.5933	50	12.5
8	Fatehabad	Tohana	402.2248	580	145.0
9	Gurugram	Farrukh Nagar	270.63	100	25.0
10	Gurugram	Gurgaon	386.6645	50	12.5
11	Gurugram	Pataudi	274.3737	50	12.5
12	Gurugram	Sohna	319.3084	200	50.0
13	Kaithal	Guhla	405.5684	800	200.0
14	Kaithal	Rajound	244.899	690	172.5
15	Karnal	Karnal	291.7137	500	125.0
16	Kurukshetra	Ladwa	156.9677	900	225.0
17	Kurukshetra	Pehowa	426.6103	900	225.0
18	Kurukshetra	Shahbad	275.9667	900	225.0
19	Mahendragarh	AteliNangal	218.7987	320	80.0
20	Mahendragarh	Kanina	352.3966	230	57.5
21	Mahendragarh	Mahendragarh	418.3974	300	75.0
22	Mahendragarh	Nangal Chaudhry	208.4601	250	62.5
23	Mahendragarh	Narnaul	281.0298	250	62.5
24	Palwal	Hassanpur	174.2644	250	62.5
25	Palwal	Hathin	359.9049	520	130.0
26	Palwal	Hodal	299.1348	430	107.5
27	Palwal	Palwal	199.4627	290	72.5
28	Panipat	Bapoli	129.453	990	247.5
29	Panipat	Samalkha	225.5816	890	222.5
30	Rewari	Khol At Rewari	186.0035	270	67.5
31	Sirsa	Ellenabad	546.3157	1250	312.5
32	Sirsa	Rania	562.1106	1240	310.0
33	Yamunanagar	Jagadhri	306.2419	550	137.5
34	Yamunanagar	Radaur	245.5519	470	117.5
35	Yamunanagar	Sadaura (Part)	153.7694	520	130.0
36	Yamunanagar	Saraswati Nagar	205.7175	460	115.0
<b>Total</b>			<b>11118</b>	<b>16000</b>	<b>4000</b>

#### 4. Financial Assistance Details:

- The scheme offers a 50 percent subsidy on the purchase of underground pipelines.
- The grant provided is upto Rs. 25,000/- per hectare with a maximum ceiling of Rs. 60,000/- per beneficiary is admissible only on material (HDPE/PVC pipes and accessories) excluding earth work.
- The grant is applicable for a maximum of 6 acres of land.
- The subsidy will be disbursed directly to the farmer's bank account.

#### 4. Limited Scope and Deadline:

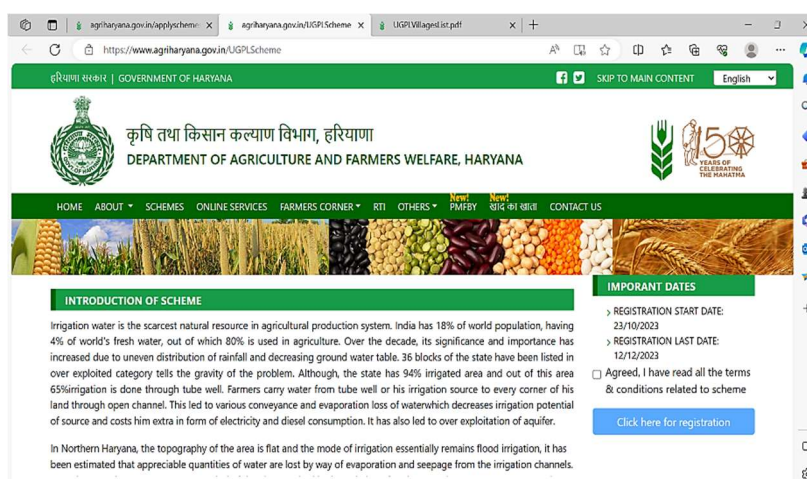
- The scheme is limited to specific Gram Panchayats and Blocks, focusing on areas identified as Over Exploited.
- Interested farmers need to act promptly, as the last date for submitting applications is 12 December 2023.

#### 5. Contact Information:

- The Director/Director General, Agriculture & Farmers Welfare, Haryana would be overall controlling officer of the scheme, whereas, concerned Assistant Soil Conservation Officers (ASCO) in the State will be the implementing agency of this project.
- Farmers seeking more information can also contact the office of the concerned Divisional Soil Conservation Officer, Assistant Soil Conservation Officer, Agriculture Development Officer, or Agriculture Inspector in their respective districts.

#### 6. Website Reference:

Comprehensive information, guidelines, and the application process can be found on the official website of Agriculture & Farmers Welfare Department i.e. [www.agriharyana.gov.in](http://www.agriharyana.gov.in).



The screenshot shows the official website of the Department of Agriculture and Farmers Welfare, Haryana. The page features the department's logo and name in Hindi and English. Below the header, there is a navigation menu with options like HOME, ABOUT, SCHEMES, ONLINE SERVICES, FARMERS CORNER, RTI, OTHERS, and CONTACT US. The main content area is titled 'INTRODUCTION OF SCHEME' and provides detailed information about the UGPL scheme, including its objectives and the registration process. A section titled 'IMPORANT DATES' lists the registration start date as 23/10/2023 and the registration last date as 12/12/2023. There is also a checkbox for 'Agreed, I have read all the terms & conditions related to scheme' and a 'Click here for registration' button.

#### 7. Awareness:

Harnessing the power of local newspapers for UGPL advertisements, coupled with the strategic distribution of brochures and pamphlets, serves as a pivotal means of disseminating crucial information about the UGPL scheme. This multifaceted approach not only acts as informative content but also serves as a source of inspiration for farmers to actively engage and apply.

In addition, the on-spot registration of UGPL, facilitated by DPMUs and guided by Agriculture Experts, is significantly contributing to the upscaling of UGPL applications. This hands-on registration process ensures that farmers receive immediate support and guidance, reinforcing the seamless integration of UGPL into agricultural practices.



## “UNDERGROUND PIPELINE SCHEME” UNDER ATAL BHUJAL YOJANA

Get 50% subsidy on Under Ground Pipeline (UGPL) scheme. applications are invited on first come first serve basis to apply online

**TERMS & CONDITIONS**

Last date of application: 12 December 2023

- ✦ Applicant must register the crop on 'Meri Fasal Mera Byora' portal.
- ✦ Only farmers of 1656 Gram Panchayats of 36 Over Exploited Blocks can avail the benefit of subsidy on underground pipeline.
- ✦ The applicant must own the land.

On the purchase of underground pipeline, a grant of 50 percent to Rs 25000/- per hectare and more than Rs 60000/- will be given. This grant will be given on maximum 6 acres of land only.

APPLY BY VISITING  
<https://agrharyana.gov.in/UGPLScheme>

## अटल भूजल योजना के अंतर्गत "भूमिगत पाइपलाइन योजना"

**नियम व शर्तें:**

हरियाणा राज्य सरकार की राज्य के किसानों को सिंचाई के लिए अंडर ग्राउंड पाइपलाइन (UGPL) योजना पर 50 प्रतिशत सब्सिडी प्रदान करने की योजना है। इस चरण में, ऑनलाइन आवेदन करने के लिए पहले आओ पहले पाओ के आधार पर आवेदन आमंत्रित किए जाते हैं

योजना के लाभ हेतु 'मेरी फसल मेरा ब्योरा' पोर्टल पर पंजीकरण अनिवार्य है।

आवश्यक दस्तावेज़ एवं पात्रता

परिवार पहचान पत्र, आधार कार्ड

जमाबंदी/फ़र्द की नकल

सिंचाई का साधन (ट्यूबवेल इत्यादि)

आवेदक भूमि का मालिकाना हक रखता हो।

भूमिगत पाइप लाइन की खरीद पर 50 प्रतिशत से 25000/- प्रति हेक्टेयर व अधिकतम 60000/- ₹ अनुदान दिया जाएगा। यह अनुदान अधिकतम 6 एकड़ भूमि पर ही दिया जाएगा।

अधिक जानकारी के लिए अपने जिले के संबंधित संभागीय भूमि संरक्षण अधिकारी/सहायक भूमि संरक्षण अधिकारी/कृषि विकास अधिकारी/कृषि निरीक्षक के कार्यालय से संपर्क करें।

आवेदन करने के लिए अपने नजदीकी CSC संचालक से संपर्क करें या <https://agrharyana.gov.in/UGPLScheme> पर जाकर आवेदन करें।

<http://https://agrharyana.gov.in/UGPLScheme>

आवेदन की अंतिम तिथि  
**12 दिसम्बर 2023**

## Conclusion

In conclusion, the collaborative synergy between the Irrigation & Water Resources Department and the Agriculture & Farmers Welfare Department stands as a testament to their unwavering commitment to the successful implementation of the Atal Bhujal Yojana (ABY). This united front is poised to bring about a transformative impact on irrigation infrastructure and agricultural development in Haryana. The subsidy program, a pivotal component of ABY, not only signifies a financial boost for farmers but also serves as a catalyst for the advancement of sustainable and efficient farming

practices through the widespread implementation of underground pipelines. As the deadline approaches, it is imperative for interested farmers to seize this opportune moment and submit their applications promptly. The amalgamation of resources, expertise, and cross-sector initiatives in this concerted effort further underscores the dedication to maximizing the positive impact and effectiveness of the Atal Bhujal Yojana. Through these combined efforts, the vision of a more resilient and prosperous agricultural landscape in Haryana is well within reach.