

Foggara: A testament to centuries of wisdom in water management and a means of livelihood in the desert.

Section 1: General Information	
Summary	The foggara is more than just a method of irrigation; it represents traditional wisdom and serves as a crucial element of economic and social life in desert regions. Its preservation is essential not only for cultural traditions but also to offer valuable lessons in the current context of climate change and the growing pressures on global water resources. The Algerian government invests large sums annually in the preservation of foggaras. For example, in 2024, \$600,000 was released for foggaras.
Proponent Name(s)	Ministry of Hydraulics.
Proponent Type	National Governments
Primary Contact Name	ANSARI TAHA
Primary Contact Details	ans1967@gmail.com
Additional Contact Details	anrh.dg@anrh.dz
Region	Africa

Section 2: Commitment	
Linkages to SDG 6	Implement Integrated Water Resources Management
Target	In today's world, we are dealing with the devastating effects of climate change and growing population pressure. Therefore, it is of utmost importance to preserve foggaras. Not only do they represent our cultural and historical heritage, but they are also an ecologically sustainable water management technique.
Linkages to other SDG	No Poverty, Sustainable Cities And Communities, Life On Land

Section 3: Actions and Outcomes to Achieve Targets	
Relevant Sub-Theme	Knowledge and Innovation
Actions and Outcomes	<p>First, foggara protection often involves restoring channels damaged by natural erosion or human intervention. This restoration preserves cultural heritage and ensures the perpetuation of sustainable agricultural practices adapted to the region's extreme climatic conditions.</p> <p>Secondly, raising awareness and educating local communities is crucial in protecting foggara. By informing residents about the importance of this system and appropriate maintenance methods, we encourage community participation in the management and preservation of foggara. Workshops and educational programs can build local capacity for self-reliant and efficient water management. Legislation is essential to safeguarding the foggaras system. Enacting laws recognising its historical and ecological significance</p>

	<p>can help protect it from modern developments threatening its existence. Additionally, creating protected areas or heritage labels can also aid in the preservation of these ancient structures. The positive outcomes of these protective measures are evident. They play a significant role in maintaining food security in the respective regions by ensuring effective and sustainable irrigation while preserving the unique cultural and historical heritage. Allowing communities to manage water resources independently also enhances their ability to withstand the adverse effects of climate change and become more resilient.</p> <p>In conclusion, protecting the foggara is a remarkable example of how preserving cultural heritage and promoting sustainable development can go hand in hand. Ongoing efforts to restore, educate, and legislate around this ancient irrigation system are crucial for ensuring the future of the communities that rely on it while preserving their cultural and historical identity.</p> <p>Furthermore, raising awareness among local communities and decision-makers about foggara and palm groves' ecological and economic importance can encourage more effective conservation actions. Community initiatives can include training in sustainable agricultural methods and developing ecological tourism projects that value preserving the natural environment.</p>	
Implementation Period	Start Period	9/1/2024
	End Period	9/1/2027
Financial Commitment	<p>The estimated budget is 2 million dollars spread over three years</p> <ol style="list-style-type: none"> 1. Establish a rigorous budget to optimize expenses and investments. 2. Prioritize regular savings to secure the financial future. 3. Periodically reassess financial commitments to adapt to economic changes. 4. Use financial management tools to monitor and control cash flow. 5. Strengthen financial discipline to maintain solid and lasting commitments. <p>Actions to be carried out.</p> <p>Rehabilitate 2 to 3 foggaars per palm grove.</p> <p>Build capacity for 10 to 15 young people per palm grove.</p> <p>Educate and inform farmers on the importance of preserving foggaras and saving water and the threats of climate change.</p>	