

Hasar's recycling system was recognized by the KRG

The General Directorate of Water and Sewerage has officially recognized the Hasar Water Recycling System (developed in partnership with UNICEF) as a system that can recycle household wastewater to a level that is safe for environmental use, such as watering park trees.



Latest News

At the beginning of the second quarter, the total number of trees planted by the Million Oak Project reached more than 300,000.

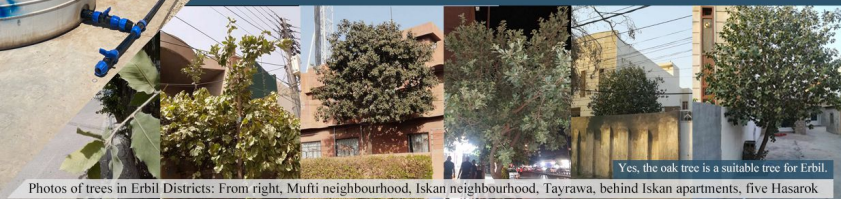
Hasar presented the Net Zero Water Consumption Initiative to Sami Abdulrahman Park to provide water resources through recycling.

Despite the economic crisis and reduced support, the organization continued to maintain the achievements of the project, thanks to the dedication of Hasar's staff and volunteers.

The growth rate of the trees is twice as high as last year, due to the improvement of the project design and the lessons learned from last year.

We were able to complete the baseline report for Sami Abdulrahman Park, which includes a solution initiative for watering through recycling as part of Hasar's Net Zero Water Consumption project.

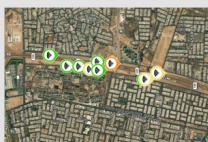
We have digitized the irrigation process by installing moisture measurement sensors in the soil where the project was carried out. We are moving towards data-driven decision making.



Yes, the oak tree is a suitable tree for Erbil.

Major Accomplishments in Q2 2023:

Hasar's Resilience, Progress, and Pioneering Initiatives



Green indicates no need for watering, yellow signifies approaching water requirement, and orange signals the right time for watering. This data-driven irrigation approach, initiated a year ago, has transformed us into a decision-making agency for our project's irrigation needs.



During the second quarter, meticulous irrigation preparations were accomplished. Despite financial challenges, prioritizing irrigation remained steadfast. The entire project's trees received timely irrigation, with a focus on utilizing recycled water for this purpose.



Prior to the commencement of the dry season, we proactively established fire lines for protective measures against potential wildfires. Throughout the second quarter, over 10 fires occurred beyond the project perimeter, yet none posed any harm to our initiative.



We successfully introduced various segments of the neighborhoods adjacent to the Million Tree Project to our initiative and educated them about its protection. Through more than four organized meetings with local leaders, we extend our gratitude to UNICEF and PAO for facilitating this valuable opportunity.

Our Next Move

Securing trusted certification for the Million Tree Project and initiating the Net Zero Water Consumption Project for Sami Abdulrahman Park.



After initiating an extensive study for Sami Abdulrahman Park in early 2023 with support from the Ministry of Municipalities and Tourism and sponsorship by Cihan Bank, the second quarter marked the submission of our comprehensive report to the pertinent authorities. The baseline report delved into the park's sustainability, combining field research, discussions, and data collection. Our findings underscored the threats posed by climate change, dwindling groundwater, and technical hurdles, endangering the park's long-term viability. Recognizing the heightened risk of groundwater depletion due to irrigation needs, we introduced the Net Zero Water Consumption Project. This initiative aims to address these concerns by utilizing water recycling to ensure the park's sustainable water resources.



Our upcoming endeavor involves attaining international certification for the Million Oak Project, positioning it as the inaugural initiative in the Middle East combating climate change by establishing urban natural forests. To expand trust and garner more backing, we intend to globalize this effort. Progressing toward this objective, we've embarked on introducing the project globally in the third quarter. Simultaneously, we're committed to nurturing the growth of the Million Trees project, diligently ensuring its irrigation. We assess project strengths and areas for improvement, setting the stage for the subsequent phase while recording invaluable lessons. This year's notable observation is the remarkable growth rate, with seedlings flourishing twice as rapidly and robustly compared to last year. Impressively, root depth surpassed a meter in just seven months. Enhanced biological activity signifies the rich biodiversity, moisture, and fertile soil at the project site.

We appeal to you to provide financial support to ensure the organization's continuity and impact

There are multiple ways to support Hasar: donate on our website or become a sponsor. Any form of assistance greatly influences our project's success, with a nationwide impact on Kurdistan. Young individuals, citizens, and diverse entities have backed us, propelling our work. Join us in creating a positive environmental and societal impact through our projects.



How to support us?

We value any support, no matter its size, in realizing our vision through the Climate Change Resilience Program. Donations can be made on our website, and potential project sponsors can reach out for details. Your backing holds the potential to significantly influence projects success.

Acknowledgment

We extend our gratitude to all who've aided us from project inception. The government's land provision was commendable. Our partners and sponsors in the Million Trees project, whose logos are listed below, deserve thanks. We appreciate the General Directorate of Water and Sewerage for recognizing our recycling system (ACUW) with UNICEF. Kudos to Humanblink for backing our project's digitization. Lastly, members and volunteers' continued support significantly contributed to this success.

