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Issue 3, Q1 & Q2, 2023

CHAIRMAN'S WELCOME

Dear friend,

Welcome to the latest edition of our Water-Share Ireland E-Zine, in which we are pleased to share the remarkable progress made through Water-Share Ireland's partnership with GOAL. Together, we are driving our vision to improve water quality and provide access to safe water and sanitation solutions for vulnerable communities in the Global South.

Through collaborative efforts, we are making tangible progress in delivering clean and safe water in Northern and Eastern Uganda, Sierra Leone and Northwest Syria. These accomplishments demonstrate the positive impact we can achieve when we unite with a shared passion for change.

I want to thank all our colleagues and friends from the water resources community who attended the stakeholders meeting back in March. We were very encouraged that so many of you attended and shared in our review of progress made in 2022. A special thanks, of course to our distinguished speakers, including Justin Abbott from ARUP, Alan Curran from RPS, Fiona Regan from DCU and

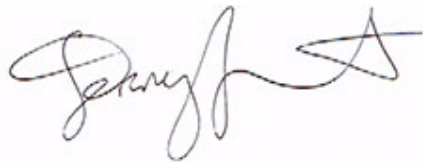
We were especially pleased to welcome Niall Gleeson, CEO of Uisce Éireann, to the meeting and officially announce that the utility has joined the Water-Share Ireland alliance as a strategic partner. Uisce Éireann has already demonstrated a strong commitment to supporting our cause and will be pivotal in providing management and corporate support through Yvonne Harris, Head of Customer Operations. Yvonne's experience and expertise will greatly strengthen our capability and lay the foundations for a sustainable long-term commitment.

On the brand and reputational side of the house, we are delighted to introduce our newly refined Water-Share Ireland logo, which now features a captivating globe with a focal point on Europe, placing Ireland at the heart of our commitment. As you will see, our designer has also embraced the GOAL GRIT (Guts, Resilience, Initiative and Tenacity) by incorporating watercolours and hand-drawn elements, reflecting the resilience and determination that drives our work.

Please share this e-zine with your colleagues and anyone interested in advancing Water-Share Ireland's mission. Together, let us continue our journey of transforming lives and creating lasting change through the power of sustainable water resources and WASH programming.

Again, we thank you wholeheartedly for your enduring support for Water-Share Ireland.

Kind regards



Jerry Grant
Chairman, Water-Share Ireland



Niall Gleeson, CEO, Uisce Éireann, Barry O'Connell, Chairman, GOAL, Siobhan Walsh, CEO, GOAL and Jerry Grant, Chairman, Water-Share Ireland at the Water-Share Ireland Stakeholders Meeting on 29 March 2023.

WATER-SHARE IRELAND 2023 VIDEO LAUNCH



We are thrilled to share our new Water-Share Ireland video, showcasing our initiative's incredible work and impact in delivering life-changing water, sanitation, and hygiene programmes to vulnerable communities in Northern and Eastern Uganda, Sierra Leone, and Syria.

This video serves as a powerful educational tool, and we encourage all e-Zine recipients to utilise it within their organisations and share it widely on social media and with colleagues across the water resources community.

By doing so, we can raise awareness and inspire others to join us in furthering the Water-Share Ireland mission.

WATER-SHARE IRELAND ROUND-UP

A) **NORTHERN and EASTERN UGANDA**

In the Kaabong area, where 3,500 people rely on three poor-quality boreholes, there is an urgent need for a safe water supply. To address this, the Joe and Helen O'Toole Charitable Trust is funding a project with a generous budget of €100,000 to bring sustainable water supply to the area. Given the poor quality of available sources, the project is based on finding a good quality source with enough capacity, solar-powered pumping, a reservoir, and a piped system to bring water to village tap stands.

Construction is now underway on the Molumbi Borehole scheme, which includes a new borehole, storage tanks and a gravity feed system to serve 5,200 people. The project is being supervised by GOAL and implemented by Bernoulli Contractors.

We are incredibly grateful for the generous support of Ward & Burke Construction, whose contributions have helped fully fund the project's budget of €115,000 through Water-Share Ireland.

can be done to advance a larger project in the region where 80,000 people in Namayingo County rely on poor-quality ground and surface waters that represent a high health risk, especially for young children. Working with Nicholas O'Dwyer and the RSK Group, we are exploring how we might mobilise well drilling to seek adequate safe borehole supplies for a larger piped water supply in the area.



Construction underway on the Molumbi Borehole storage tanks and gravity feed for 800-900 beneficiaries. Image taken June 2023.

B) FREETOWN, SIERRA LEONE

Sierra Leone's first Faecal Sludge Management (FSM) plant in Freetown has reached full operational capacity. The plant is now operating six days a week, successfully dewatering an average of eleven trucks of latrine sludge daily. Since its opening, the plant has processed over 11 Kilotonnes of latrine sludge from 1,500 trucks. We are proud of these achievements and the FSM plant's positive impact on sanitation in Freetown.

However, with the increased demand for sludge processing, the plant faces pressure from the municipality to handle even more sludge. To support this growing need, we have applied for wider funding for the FSM plant to the Africa Development Bank. If successful, there is a potential for the GOAL in-country team to continue managing the facility in collaboration with the Freetown City Council. This would ensure the long-term sustainability and effective management of the FSM plant to benefit the local community.

C) IDLIB PROVINCE, NORTHWEST SYRIA

This region was heavily impacted by the earthquakes which struck on 6th Feb. With a limited local workforce and dilapidated infrastructure in an already war-torn area, the Water-Share Ireland programme addresses difficulties providing consistent access to clean water for over 50,000 people in Salqin.

The work was inevitably interrupted by the catastrophic earthquake event, and limited funding further hampers efforts to operate pumping stations consistently and procure new equipment. The insufficient sustainable yield of raw water sources compounds the scarcity issue, resulting in water supply for only one day per fortnight in different zones of Salqin City, resulting in a network that is continuously drained and pressurised, complicating accurate night flow measurement.

The RPS – Cully Automation Water-Share Ireland partnership continues working on a water network study and establishing water loss measurement systems in Salqin, Idlib province. This project is being rolled out in three phases;

- **Phase 1 (Immediate):** high-level first-order testing in a single supply zone

- **Phase 3 (long term):** implementation of fixed/permanent water loss measurement infrastructure for the whole supply system & automation.

This is a particularly challenging project, given the disaster recovery imperatives in the region. However, sustainable water supplies are the highest public health priority for the local communities. Apart from the network issues, Arup is helping to address the longer-term hydrogeological resources in the face of increasing drought. This work has identified the need for irrigation as a major component of the water need.

WATER-SHARE IRELAND FUNDING & SUPPORT

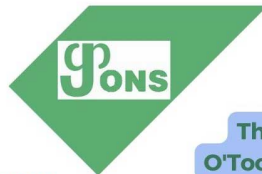
We extend our deepest gratitude to our incredible supporters and patrons who have played a pivotal role in the success of the Water-Share Ireland initiative.

Your unwavering commitment and generosity enable us to deliver life-changing water, sanitation, and hygiene programmes to vulnerable communities.

We are also grateful for the invaluable benefits-in-kind provided by our partners, which have greatly enhanced our ability to make a positive impact.



WATER-SHARE
IRELAND



WATER-SHARE IRELAND SPOTLIGHT

Water-Share Ireland is delighted to announce that Yvonne Harris has recently joined the Committee in a management and support role.

With an impressive 40 years' experience in utilities, Yvonne started her career in Bord Gáis in IT before moving on to broader business roles, driving organisational development and transformation before her appointment as Head of Customer Operations for Uisce Éireann in 2018.



Yvonne was heavily involved in establishing the water utility in 2013, and she will bring this wealth of experience into developing a long-term enduring model for Water-Share Ireland.

"I am hugely excited to be involved in Water-Share Ireland. It is important for me to be able to give something back from a community and social perspective, so I jumped at the chance to get involved in this great charity," said Yvonne.

Yvonne has a long-term vision for Water-Share Ireland that will allow us to build on the work we have achieved with GOAL to broaden our reach to other charities and other parts of the world, driving water and sanitation projects in the world's most vulnerable communities.

What does success look like for Yvonne?

"This is something we need to define, but ultimately it is about making Water-Share Ireland bigger and stronger, having our patrons committed to financial and pro-bono support to deliver bigger, more challenging projects that will help the people who need it most", continued Yvonne.

Meaningful engagement from across the water services industry is key to this,

"I have seen how enthused people are to support Water-Share Ireland and get involved. This may be through fundraising events, getting involved in designing or project managing our projects, to going out on-site and supporting the teams on the ground. Water-Share Ireland will always be looking for various skill sets to join us in our vision to transform lives through delivering sustainable water, sanitation, and hygiene programmes. Defining how others can help us will be a key output of my engagement," added Yvonne.

WATER ACTION ON THE INTERNATIONAL STAGE

As an Irish-based initiative which works on the world stage, Water-Share Ireland encourages engagement by all our stakeholders in global awareness days, conferences, and events to promote a better planet for all.

We will be especially focused on the lead-up to the **UN SDG Summit** on September 18th and 19th and SDG 6 - Water Action Agenda Special Event.

This Summit will begin a new phase of accelerated progress towards the SDGs with high-level political guidance on transformative and accelerated actions leading up to 2030.

The Summit, which will be convened by the President of the UN General Assembly, Csaba Kőrösi, will mark the halfway point to the deadline set for achieving the 2030 Agenda and the SDGs.

As a precursor to the Summit, we will focus on the SDG 6 - Water Action Agenda Special Event, which

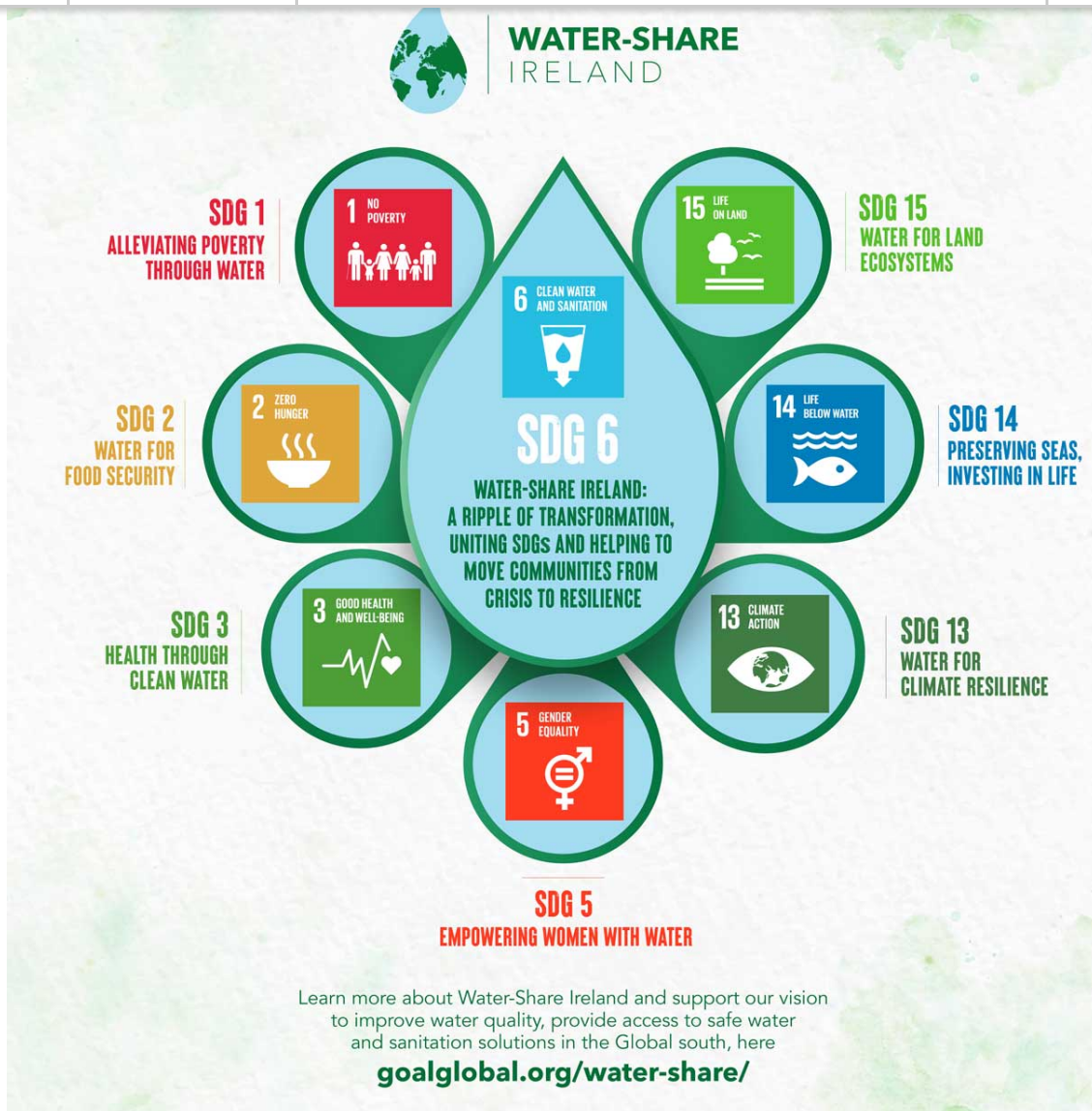
learned and generating new commitments to the global water action agenda.

We will update you again on the learnings from the July SDG 6 - Water Action Agenda Special Event in our next e-Zine.



WATER-SHARE IRELAND FOR A SUSTAINABLE FUTURE: EMPOWERING COMMUNITIES AND DRIVING THE UN SDGS

Discover the impact of Water-Share Ireland on driving the UN Sustainable Development Goals (SDGs), anchored in **SDG 6 - Clean Water and Sanitation**, while simultaneously reaching across multiple other goals, empowering vulnerable communities and fostering resilience.



SUPPORT WATER-SHARE IRELAND APPEAL

In closing, I would like to express my sincere gratitude to all our supporters and partners for their unwavering commitment to Water-Share Ireland. We are making a real impact in addressing multiple SDGs, and your support is instrumental in driving and delivering life-changing projects in Uganda, Sierra Leone, and Northwest Syria. Let us continue to strive towards our fundraising goal of €100,000 in subscriptions this year.

As a friendly reminder, I would like to inform you that the annual subscription for Patrons of Water-Share Ireland is €5,000 per year. By becoming a Patron, you support our initiatives and receive an invitation to join our esteemed steering committee. It is an excellent opportunity to contribute directly to project delivery and actively make a difference.

An annual commitment of €1,000 is equally welcomed for those who may prefer an alternative option. This commitment also enables your staff members to engage in project delivery, fostering a sense of purpose and involvement in our mission.

We also welcome technical expertise and pro-bono support in key areas such as solar power, flow measurement, leakage detection, supply chain management, project management and procurement.

Lastly, I would like to extend a special note of appreciation to Barry Leonard, Process Optimization Lead at Uisce Éireann, and Tim O'Connor for their incredible efforts in organising a bake sale at Uisce

If you or your organisation can help, please contact John Gowen at watershare@goal.ie or +353 89 234 9554.

Kind regards



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