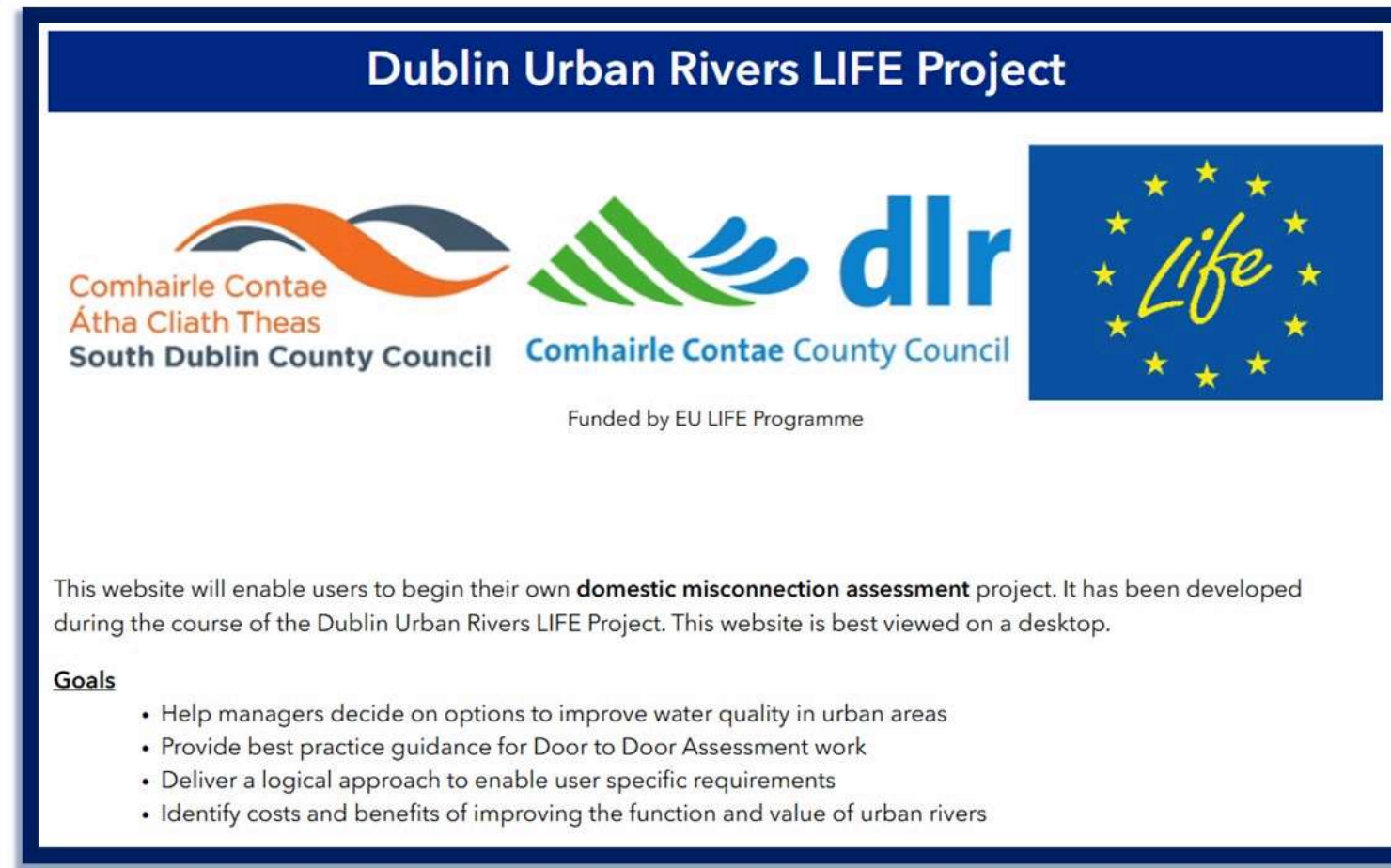


Awareness Events & Publications

Misconnection Decision Support Tool and Integrated Constructed Wetland (ICW) Builder Tool



A Misconnection Decision Support Tool and an Integrated Constructed Wetland (ICW) Builder Tool was developed to help interested parties use the learnings of the project to improve water quality and biodiversity in urban areas.

The Misconnection Decision Support Tool provides best practice guidance for misconnection assessment work and incorporates standards and templates from the Project to replicate the domestic misconnection work on a local, regional and national scale. The ICW Builder Tool provides a comprehensive guide for those considering the feasibility of building an ICW, it delivers a logical approach to user specific requirements and streamlines decision making to support urban water quality improvement.

The tools can be accessed by clicking on the following link: **Decision Support Tool and ICW Builder Tool**
(https://experience.arcgis.com/experience/77f5857edefa44869e14fd41ca640438/page/page_5).

DURL Project Water Quality in Urban Rivers Conference 28th May 2024



The Dublin Urban Rivers LIFE (DURL) Project held its *Water Quality in Urban Rivers Conference* on 28th May 2024 and a tour of the two Dodder Valley Park wetlands on 29th May 2024. The conference focussed on raising awareness about the pollution impact of misconnections and enhancing urban water quality in our local rivers. In addition to presentations from Inland Fisheries Ireland, Dublin City University, University College Dublin, the Water Policy Section in the Department of Housing, Local Government and Heritage, Vesi Environmental Limited, SDCC, DLRC and the DURL Project team, the event included international speakers from the EU LIFE Programme, Scottish Environmental Protection Agency (SEPA), Scottish Water and a French City Council and LIFE Project.

The event was chaired by Richard Fitzpatrick, Climate Change Co-ordinator, DLRC, and water quality and policy representatives from local authorities and state agencies attended the event both online and in person in the Rua Red Arts Centre, Tallaght. A first view of the DURL Project animated video was showcased on the day and the Conference contained a workshop demonstrating the projects' *Misconnection Detection and Wetland Builder Tools* to enable the replication of the DURL Project water quality enhancement work. Huge thanks to all our speakers who helped to make the event such a success.

You can watch the DURL Project Conference talks by using this [YouTube Playlist \(https://www.youtube.com/playlist?list=PL9Uy7CnpoaV8EO4HwfTWsIKQmtOymW6FI\)](https://www.youtube.com/playlist?list=PL9Uy7CnpoaV8EO4HwfTWsIKQmtOymW6FI).

We have also shared links to the recordings of each session and a pdf of each of the presentations, which can be accessed by clicking on the following presentations:

<p>Session 1: (https://www.youtube.com/watch?v=ApsmT9nR6mE&list=PL9Uy7CnpoaV8EO4HwfTWslKQmtOymW6FI&index=5&t=7s)</p>	<p>Welcome Address: Teresa Walsh, Director of Environment, Water and Climate Change Department, South Dublin County Council</p>
	<p><u>Setting the Scene on Urban Water Quality Policy</u> <u>(/en/services/environment/dublin- urban-rivers-life/awareness-events- publications/urban-water-quality- policy_averil-gannon-water-policy- advisor-dhlgh.pdf)</u></p> <p>Averil Gannon, Water Policy Advisor, Department of Housing, Local Government and Heritage (DHLGH)</p>
	<p><u>Urban Water Quality in Europe – is the Polluter Paying?</u> <u>(/en/services/environment/dublin- urban-rivers-life/awareness-events- publications/urban-water-quality-in- europe-is-the-polluter-paying!- dr- lynne-barrett-elman.pdf)</u></p> <p>Dr. Lynne Barratt Technical Monitor ELMEN EEIG, on behalf of the European Commission supporting the LIFE Programme</p>

	<p><u>Scotland's Bathing Water Improvements</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/scotland-s-bathing-water-improvements-a-collaborative-case-2.pdf)</u></p> <p>Ruth Stidson, Principal Scientist (Bathing Waters), Scottish Environment Protection Agency (SEPA)</p> <p>Gary Small, Environmental Regulation Advisor, Scottish Water</p>
<p><u>Session 2:</u> (https://www.youtube.com/watch?v=s2_MOaE6FTE&list=PL9Uy7CnpoaV8EO4HwfTWslKQmtQymW6FI&index=4).</p>	<p><u>Improving the Quality of the Seine: A Focus on Disconnections and Misconnections</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/improving-the-quality-of-the-seine-a-focus-on-disconnections-misconnections_paul-kennouche.pdf)</u></p> <p>Dr. Paul Kennouche, <i>LIFE ADSORB Project Manager</i> and Head of the Water Cycle and Water Quality, Water and Cleanliness Department, <i>Paris</i></p>
	<p><u>Optimisation of Misconnection Detection Resources</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/optimisation-of-misconnection-detection-resources_lauren-redmond-durl-project.pdf)</u></p> <p>Lauren Redmond, Assistant Scientist, Dublin Urban Rivers LIFE (DURL) Project</p>

	<p><u>Misconnection Case Studies: How Perseverance Pays</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/misconnection-case-studies-how-perseverance-pays-durl-project-stormwater-assessors.pdf)</u></p> <p>Sylvester Asiedu-Appiah, Wesley Sinclair, Fergal Nugent and Gerard Spain, Stormwater Assessors, Dublin Urban Rivers LIFE (DURL) Project</p>
<p><u>Session 3:</u> (https://www.youtube.com/watch?v=VNM3awKNMas&list=PL9Uy7CnpoaV8EO4HwfTWsIKQmtOymW6FI&index=3).</p>	<p><u>Anyone for a Cocktail? A Brief Look at the Chemicals Entering our Surface Waters</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/anyone-for-a-cocktail-a-brief-look-at-the-chemicals-entering-our-surface-waters_.pdf)</u></p> <p>Professor Fiona Regan, School of Chemical Sciences, Dublin City University (DCU) and Director of the DCU Water Institute</p>
	<p><u>Identifying Sources of Faecal Contamination in a Small Urban Stream Catchment and its Contribution to Bathing Water Quality at Sandymount Strand and Merrion Strand</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/acclimatize-outcome-and-impacts-in-ireland-prof-wim-meijer.pdf)</u></p> <p>Professor Wim Meijer, Professor of Microbiology and Director M.Sc. Biotechnology Programme, University College Dublin (UCD)</p>

	<div><div><p><u>Insight into Misconnections in the River Griffeen, Carrickmines Stream and Shanganagh River Catchments</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/insight-into-misconnections-in-the-river-griffeen-carrickmines-stream-shanganagh-river_.pdf)</u></p><p>Lorraine Beirne, Project Co-Ordinator, Dublin Urban Rivers LIFE (DURL) Project</p></div></div>
<p><u>Session 4:</u> (https://www.youtube.com/watch?v=LK9lt-XYGME&list=PL9Uy7CnpoaV8EO4HwfTWsIKQmtOymW6FI&index=2).</p>	<div><div><p><u>A Local Authority Engineers Perception of Misconnections</u> <u>(/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/a-local-authority-engineer-s-perception-of-misconnections_paul-buggy-dlrcc.pdf)</u></p><p>Paul Buggy, Senior Executive Engineer, Dún Laoghaire-Rathdown County Council (DLRCC)</p></div></div>

	<p><u>Integrated Constructed Wetland (ICW) Builder Workshop (/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/durl-conference-icw-builder-autosaved-copy.pdf).</u></p> <p>Ger Staunton, Project Engineer, Dublin Urban Rivers LIFE (DURL) Project</p>
	<p>Closing Remarks: Aidan Blighe, Director of Planning and Economic Development, Dún Laoghaire-Rathdown County Council (DLRCC)</p>

DURL Project Radio Interview

The DURL Project Co-ordinator Lorraine Beirne did a Liffey Sound 96.4 FM radio interview to raise awareness about misconnections and the impacts on our waterbodies.

You can listen to a recording of the interview here: <https://www.mixcloud.com/liffeysoundfm/lucan-community-hour-elaine-hannon-080524/> (<https://www.mixcloud.com/liffeysoundfm/lucan-community-hour-elaine-hannon-080524/>)

Publications

A set of reports will be prepared over the four years of the project.

- Layman’s report,
- Design of Integrated Constructed Wetlands for water quality in public parks,
- Domestic misconnection detection and prevention,
- Urban water improvement conceptual model and Decision Support Tool,
- Geographical Information Systems for Domestic Misconnection detection,
- AfterLIFE Conservation Plan,
- Leaflets to companion video infographic for use by homeowners.



Related file(s)



DURL Project Information Leaflet (/en/services/environment/dublin-urban-rivers-life/awareness-events-publications/durl-project-information-leaflet.pdf)
[PDF] (file size 1.3MB)