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# Water Framework Directive Update 2013-2020

Presentation to the Climate Action, Energy and  
Environment Strategic Policy Committee

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# Role of LA Water Community Office





## Role of Local Authorities

- Coordinated delivery of measures at regional and local level
- Tracking progress and effectiveness of measures
- Annual reporting of progress
- Ensuring public and stakeholder engagement in implementation
- Integrated approach across functional areas
- Supporting national policy development and implementation



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## What does this mean for DCC?

- Seven rivers, Liffey, Tolka, Dodder, Santry, Camac, Poddle and Mayne.
- Estuaries and Coastal Areas.
- Ground water bodies. All good status.
- Continue with current measures as well as four proposed urban pilot studies on Dodder, Tolka, Camac & Santry.
- Liaison with DCC, 6 other LA's, LAWPRO, EPA, OPW, ESB, IFI, NPWS, Irish Water, Waterways Ireland, etc.
- EU Target to get rivers and coastal bodies to good status by 2027.



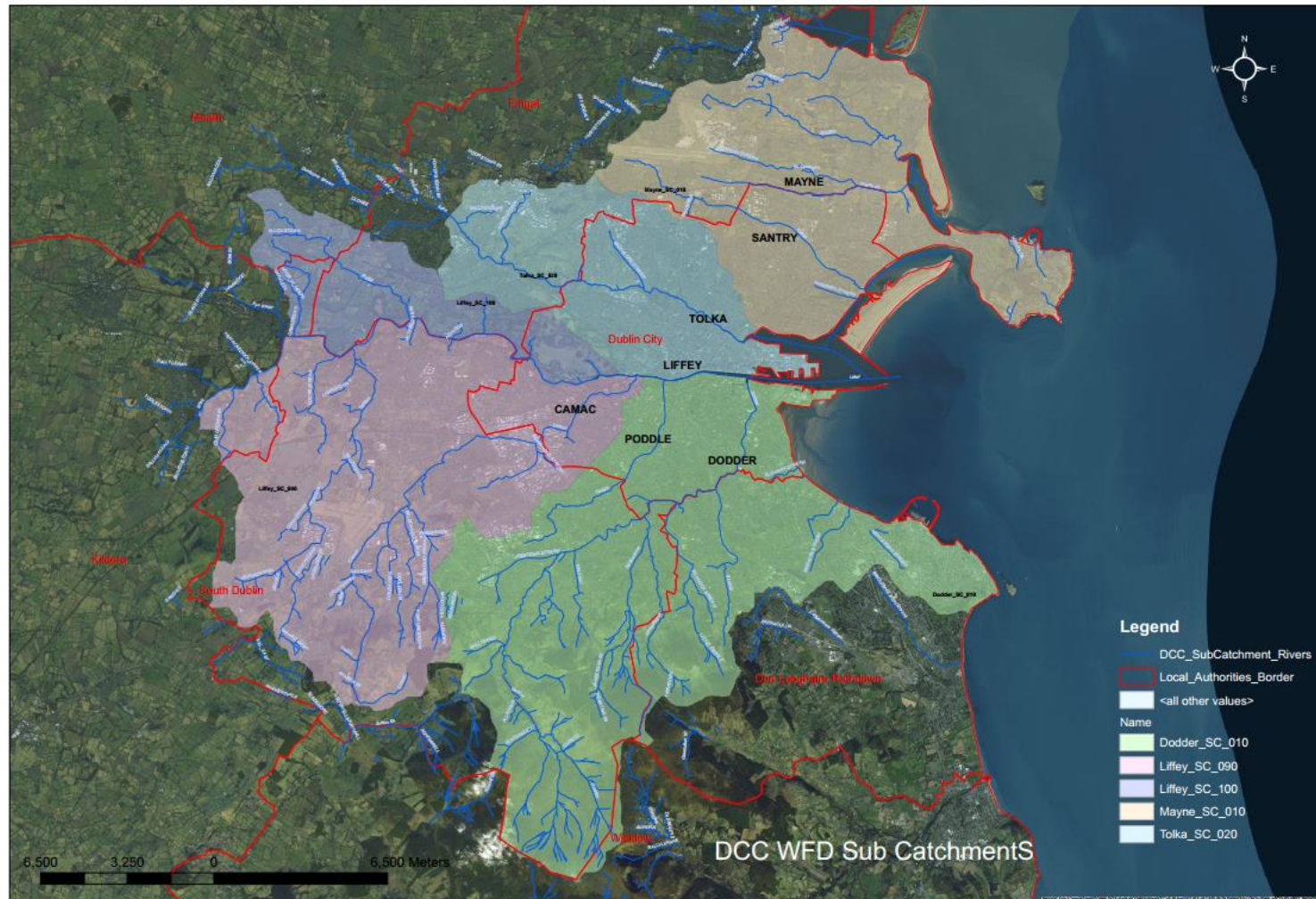
# Environmental Status

- Environmental Status includes:- Water Quality, Fish, Macroinvertebrates (water bugs).
- Five Categories
- High Status – Pristine
- Good Status – Minimum Target for parameters
- Moderate Status – just below good
- Poor Status – well below good
- Bad Status – very low to terrible.
- One low category brings overall river segment status to that level.



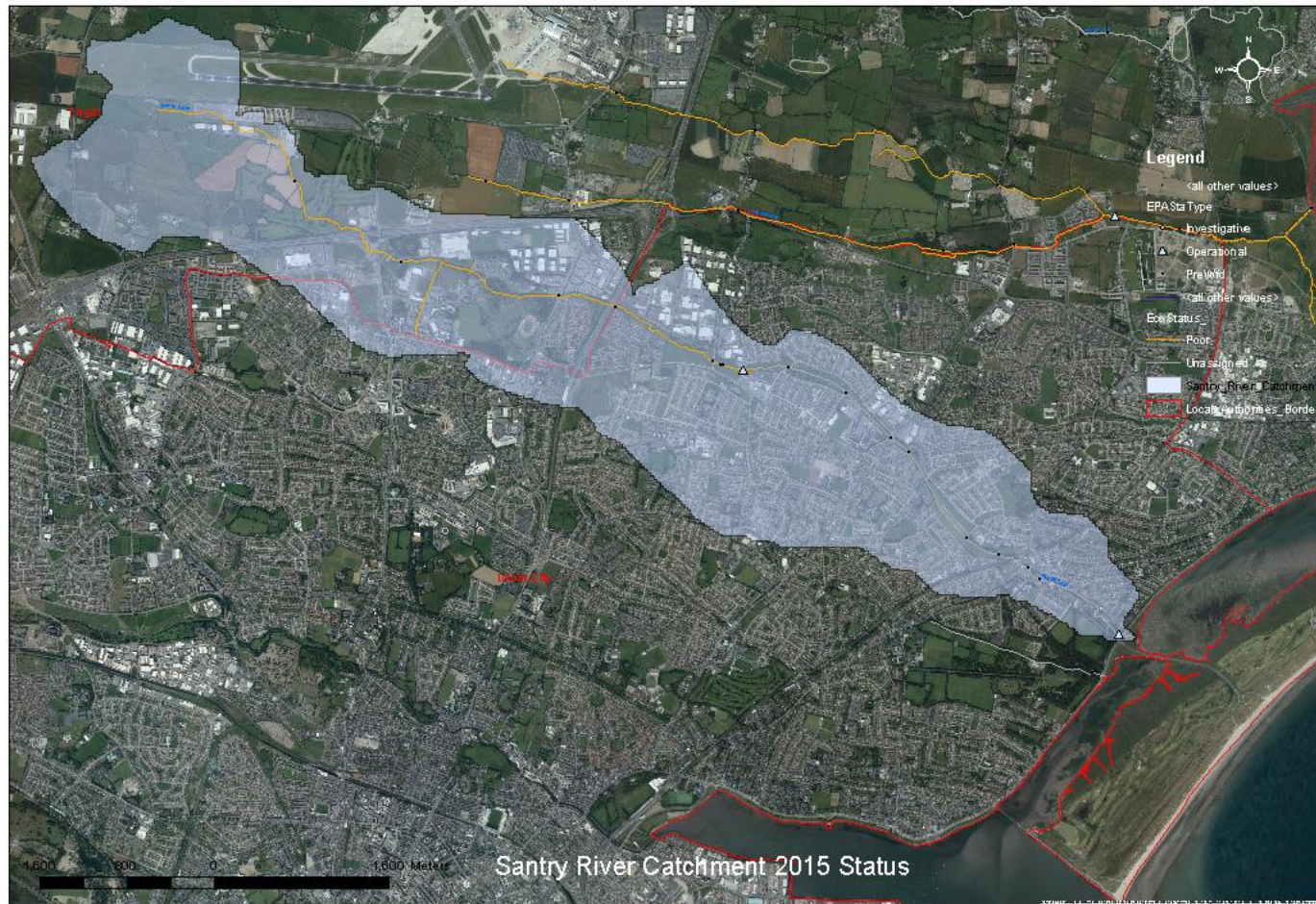
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## Seven Dublin City River Sub catchments.





## Proposed Pilot Study 1 – Santry Mayne Rivers





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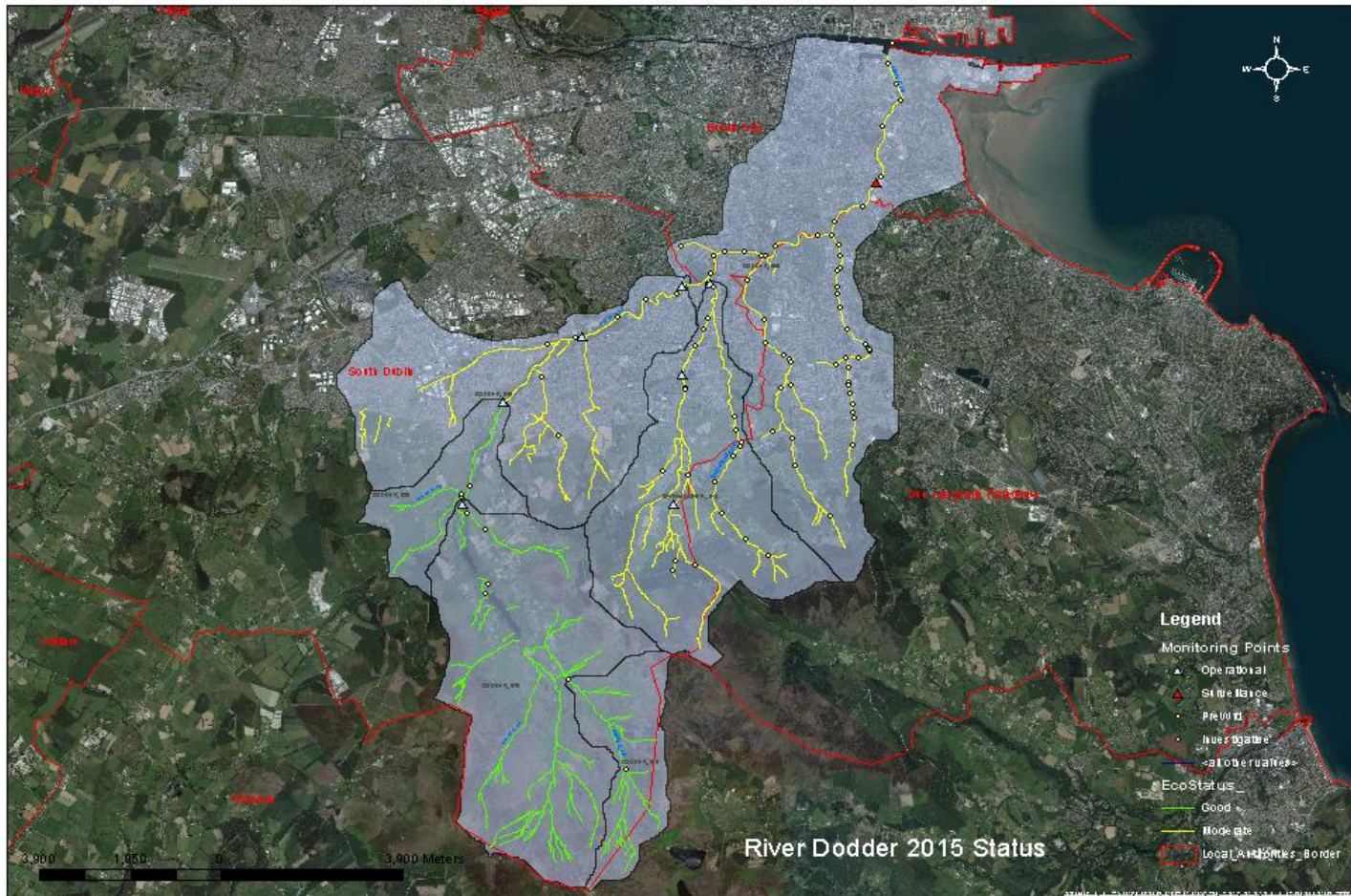
# Santry and Mayne Rivers

- Poor status in Dublin City with main pressures
- Misconnections, Urban runoff, CSO discharges, Illegal dumping, Ongoing urbanisation (e.g. Northwood in the Santry and most of the Mayne Catchment at Belmayne and Clongriffin) and Hydromorphology.
- The Santry River Restoration and Greenway project will reduce these.
- Community Engagement & Schools
- 5 Pilot sites using Green Infrastructure to reduce pollution.



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## Proposed Pilot Study 2 – Dodder River





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# Dodder River

- Moderate Status, salmon lower reaches.
- Main pressures are urban runoff, wastewater discharges from CSOs, hydromorphology, and effects human interactions with the river.
- 4 Pilot Sites using Green Infrastructure.
- Primary and Secondary School Programmes.
- Biodiversity friendly planters and rain gardens in schools.
- Dodder Wilder Wanderer App.



## Pilot Study 3 -Camac





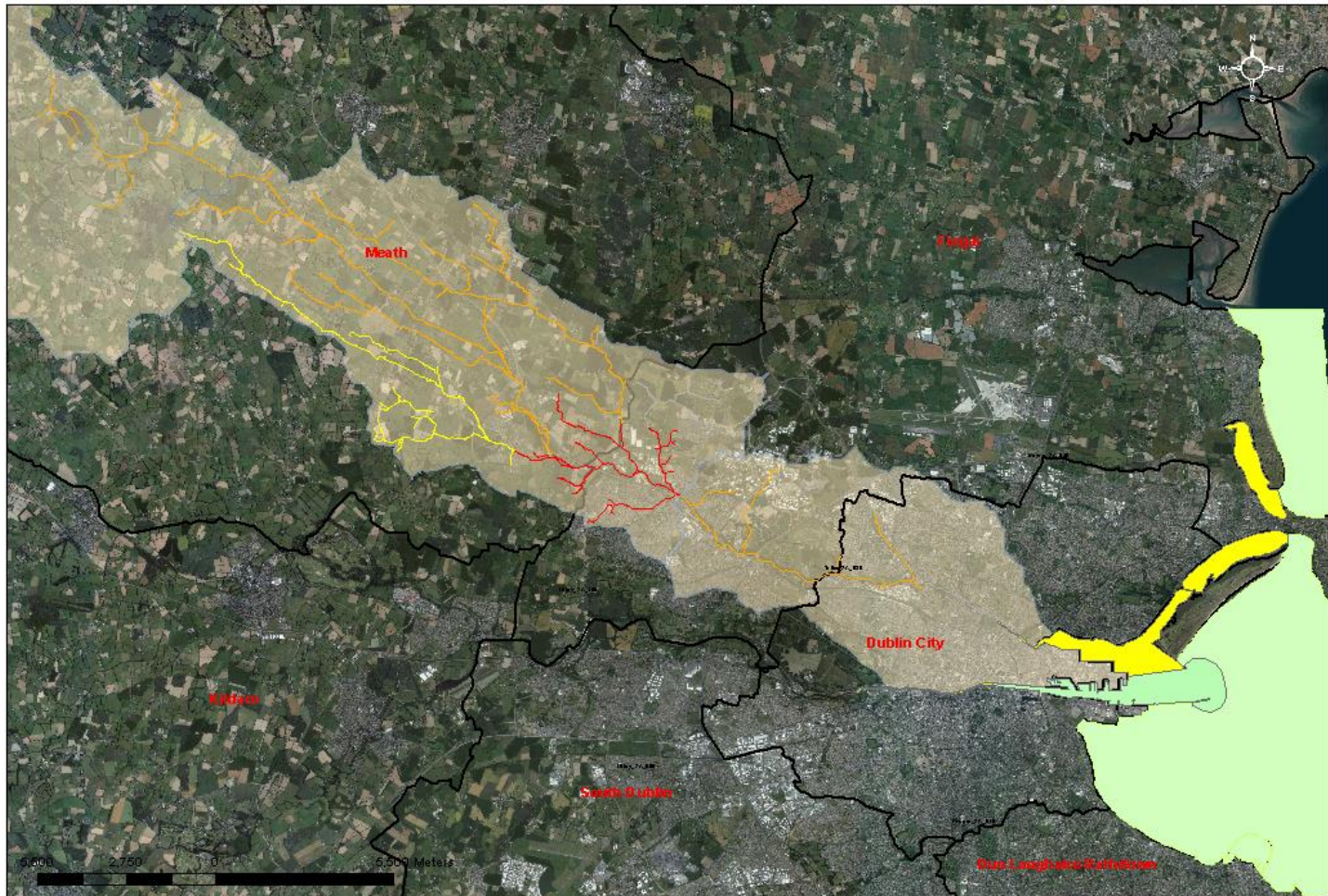
# Camac River

- Poor Status
- Main pressures:- Hydromorphology (walls, weirs), Wasterwater, Urban Runoff, etc.
- Community engagement, Heritage.
- Environmental Studies for possible flood alleviation Scheme found young salmon.
- Planning initiatives, Kilmainham-Inchicore URDF, River Restoration Strategy, Naas Road URDF lead by SDCC.



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## Pilot Study 4 -Tolka River





# Tolka River

- Status Poor for river & moderate for estuary.
- Main pressures:- water pollution, dumping (monthly clean up), invasive species ( some current removal), surface water runoff, siltation.
- Analysis of drainage outlets started to identify sources of main pressures.
- Community engagement, LAWPRO, Drumcondra-Glasnevin Projects.
- Pollution incident analysis.



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# Dublin Bay

- Water Quality generally Good Status
- Beach Monitoring ongoing.
- Elm Park and Trimlestown Streams monitoring.
- New Marine Planning Framework.
- Dublin Port expansion projects being monitored by DCC.



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# Any Questions?