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[®] **lequia** **ECO-INNOVATIVE**
UdG **WATER SOLUTIONS**



TECNIO
Be tech. Be competitive


Universitat de Girona

About LEQUIA...

<http://lequia.udg.cat>

...25 years providing cutting edge eco-innovative water solutions

Sustainable Urban Water System Management Technology

- ✓ Environmental Decision Support Systems
- ✓ LCA and water footprint
- ✓ AI techniques and integrated mathematical / knowledge-based modelling

- ✓ **Our research products**
 - Novedar_EDSS**
 - sustainable WWT technology selection
 - ✓ **Smart Air MBR**
 - online monitoring and control EDSS for sustainable MBR operation
 - ✓ **WWTP risk assessment model**
 - Activated sludge bulking
 - Nitrous oxide production

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Future directions

<http://lequia.udg.cat>

For Water_1b_2015 we can provide...

Sustainable Urban Water Cycle EDSS

- ✓ Water Quality
- ✓ Asset management
- ✓ GHG
- ✓ Energy
- ✓ Resource recovery
- ✓ Online monitoring and control

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