


OXYMEM

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**Membrane  
Aerated  
Biofilm  
Reactor**

## The 'Drop-in' Solution for Wastewater Treatment Plant Expansions and Upgrades

Due to increasing populations, production demands, or changes in consent, Wastewater Treatment Plants (WWTPs) are being pushed to their design limits.

Conventional expansion of WWTP's typically uses crude and time-consuming expansion methodologies that are well proven but are inherently risky. The approach relies on a significant increase in capacity (25-50%) requiring additional space, civil works, and months of planning and mobilisation. This results in a lengthy, and costly, scale up cycle which delivers a plant which is oversized for the medium term.

OxyMem offers a much better alternative with faster results and lower risk. WWTP's acquire, and pay for, the capacity needed and do not have to interrupt the process, or drain the tanks, to do so. We believe firmly that WWTP's should use the best available technology which gives the best energy performance for the lowest cost to preserve our fragile environment.





**Add Up To 50% Additional  
Biological Capacity**

**No Need to Drain Tank**

**Zero Footprint**

**Easy and Fast Installation**

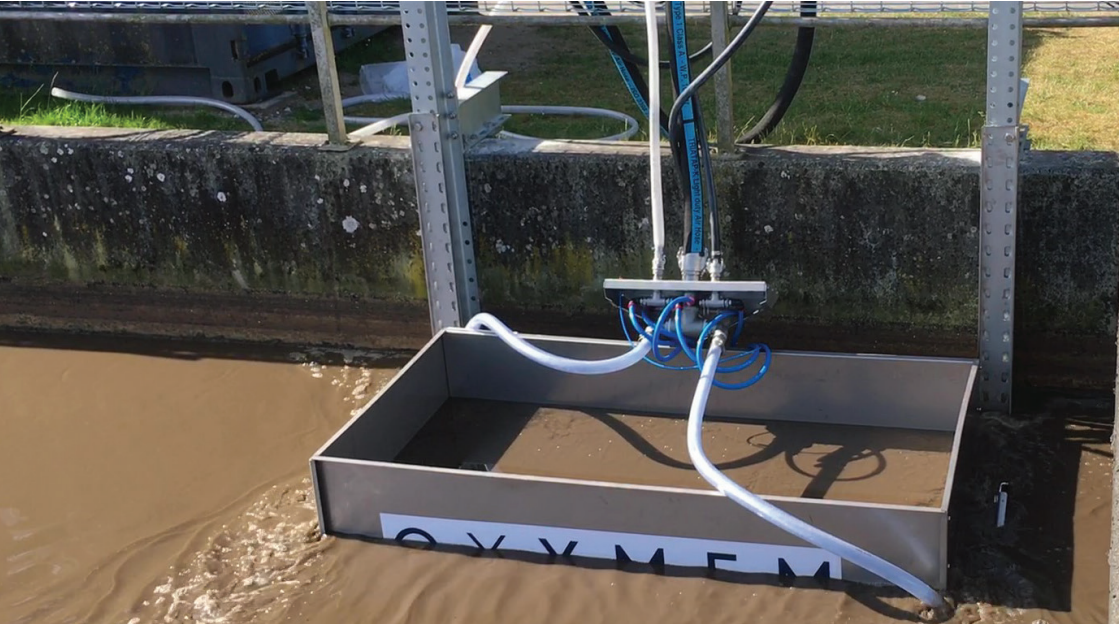
**Highest Energy Efficiency  
(Up to 14kgO<sub>2</sub>/kWh)**

**Resilient Process**

**No Need for Bubbles**

**Low Energy Solution**

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## Our 'drop-in' MABR make incremental expansion risk-free.

OxyMem understands the importance of eliminating the risk of deploying and scaling incrementally. With 'Drop in' MABR you can secure the most innovative, sustainable and cost-effective solution for wastewater treatment...with the lowest capital, process, and performance risk.



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