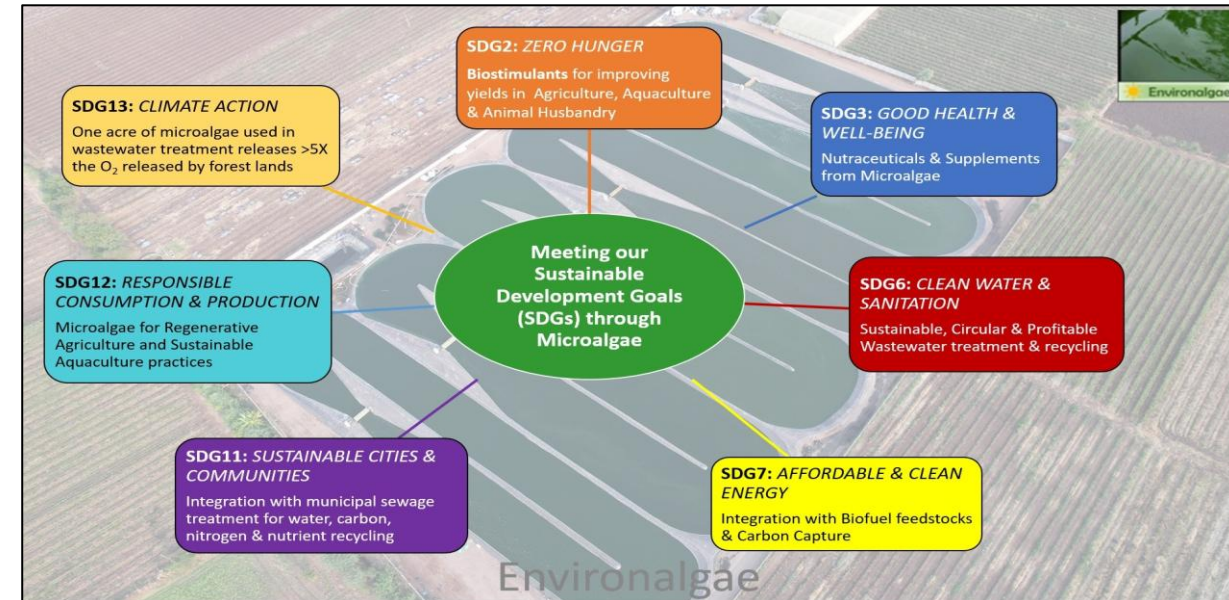
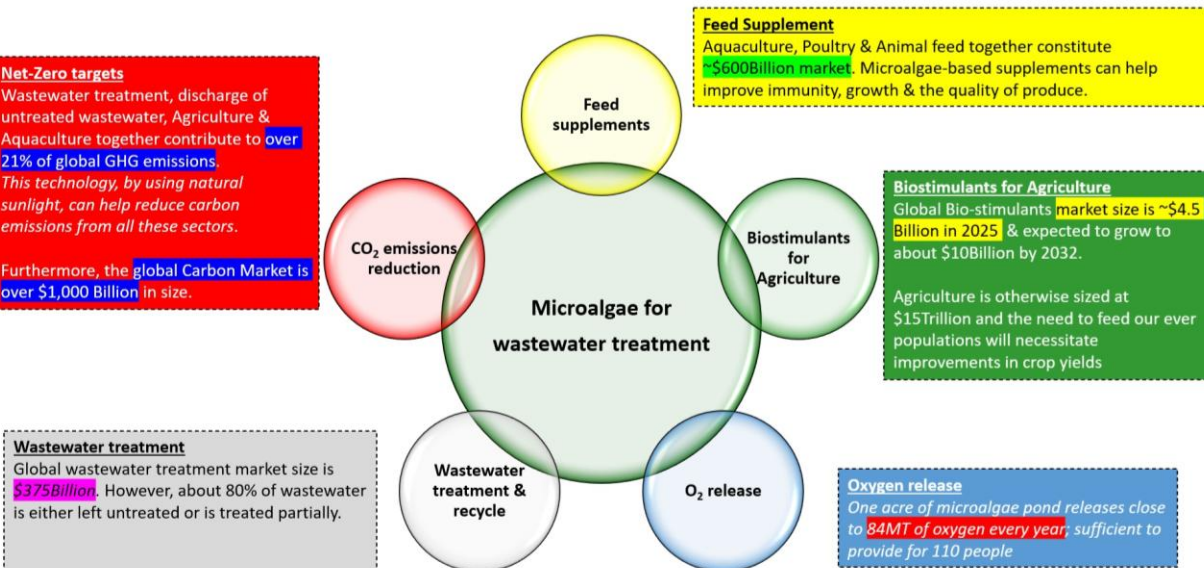


[Process Video](#)



Circularity

Microalgae at the multi-nodal intersection of Environment, Water, Agriculture & Aquaculture



Sustainability Impact



Profitability

Techno-Economics & Sustainability benefits from investing on a microalgae-based ETP

Capacity of plant	300 KLD ETP	3,000 KLD CETP	10 MLD STP	150 MLD STP
COD assumed, mg/L	4,500	4,500	750	750
Ammoniacal-N assumed, mg/L	100	100	40	40
Land required, acres	2.8	28	19	278
Algae# generation, MT/year	928	9,281	6,118	92,813
Payback on CAPEX, years	2.5	0.9	0.7	0.5
Min. RO water generated KLD	184	1841	8,500	127,000
CO ₂ Eq. Reduction MT/year	9,517	95,169	62,996	944,933
O ₂ released MT/year	653	6,535	4,357	65,350