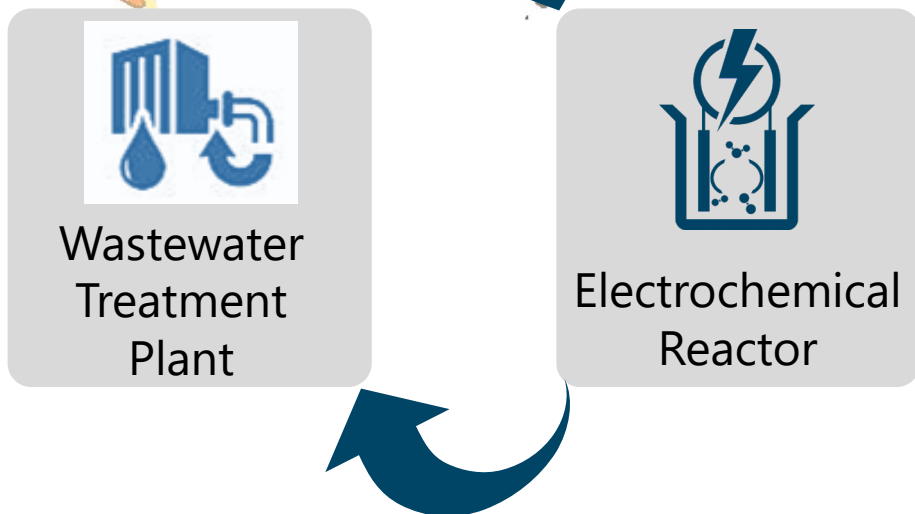
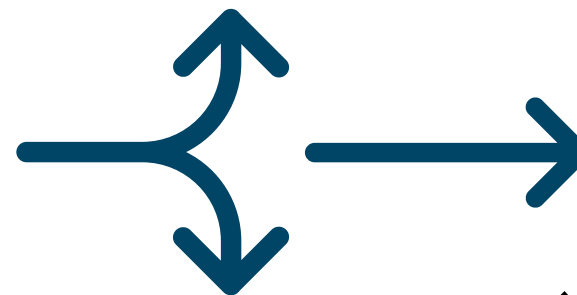


**P Deficit**
  
**P Surplus**
  
 US Phosphorus Distribution



## WWTP Cost & Energy Savings

- ✓ Hydrogen fuel
- ✓ Recycled nutrient fertilizer
- ✓ Reduced biosolids
- ✓ Energy efficiency
- ✓ Reduced chemicals usage
- ✓ Reduced aeration demand



Environment,  
Soil Health, &  
Toxicity

## Water Recovery

- ✓ < 0.2 ppm P
- ✓ < 8 ppm N
- ✓ Low turbidity (< 2 NTU)
- ✓ +15 MGD

- ✓ No additional salinity
- ✓ Low nutrient loadings