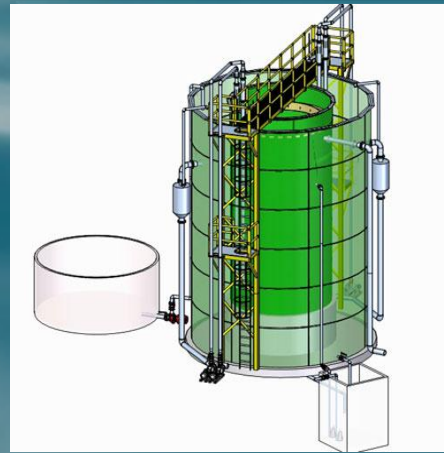


# Jet-Loop System<sup>®</sup>



Jet-Loop System – Dois Portos., Torres Vedras,  
by Tecnia, Lda  
2002-2003



Jet- Clear – 3D web model - Ecologix,  
Atlanta, USA  
2010



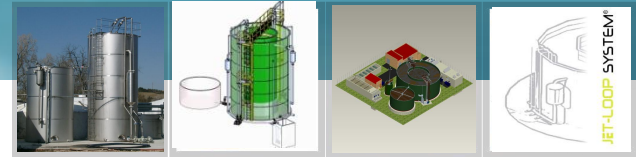
Jet-Loop System – Baghdad- Iraq., 15.000  
m3/day  
By ValorSabio, Lda  
2008



Jet-Loop System – LOGO , By Tecnia, Lda  
2006

*The **NEW** ADVANCED GENERATION  
in wastewater treatment*

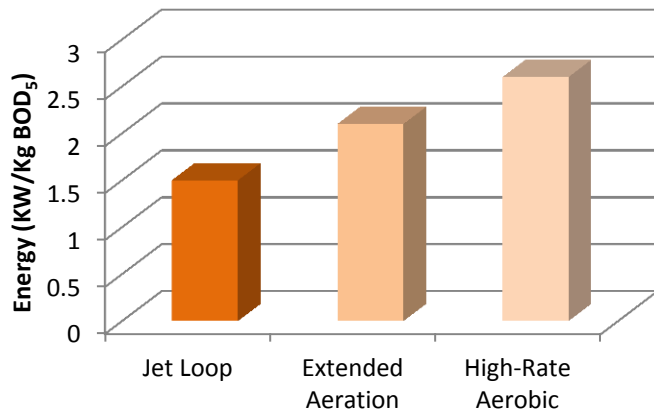
# Jet-Loop System<sup>®</sup>



## Unique advantages:

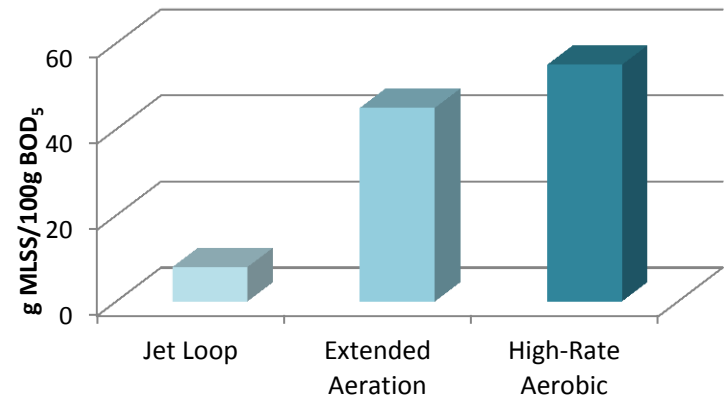
- › Near **Zero excess Sludge** production
- › **Low Volume** and space installation
- › **Competitive** installation cost
- › Very **Low Energy** consumption
- › **Large Range** of Wastewater Treatment Applications

## Comparative Energy Consumption



**Example:** Wastewater treatment plant for a 1M inhabitant city:  
 High Rate AEROBIC TREATMENT energy required: 5,958 kWh.  
 Extended Aeration: = 4,812 kWh.  
 The **Jet Loop System<sup>®</sup>**: = 1,895 kWh.  
**Energy reduction per year: 35,591 MW/year**

## Significant Sludge Reduction



**Example:** wastewater treatment plant for a 1M inhabitant city:  
 High rate sludge production: 30.250 Tons/day.  
 Extended aeration: 24.750 Tons/day.  
 The **Jet Loop System<sup>®</sup>**: 4.950 Tons/day.  
**Sludge reduction per year: 9,234.5 Tons/year**

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