



JET-LOOP SYSTEM®

Portfolio of main projects

Jet-Loop System, was first developed and tested during 1996-1999, in Portugal by Antonio Ferreira, supported by the European Commission LIFE program on Environmental Research and Technology Innovation.

The first commercial application started in 1999, with an installation in Portugal, for food industry wastewater treatment.

During the decade 2000-2010 several projects and installations were done, in Portugal, and worldwide.



JET-LOOP SYSTEM chronology and main projects:



1996-1999: European Commission LIFE project : “JET-LOOP SYSTEM”. Project supported by EC LIFE 6. Consortium project: Antonio Ferreira, INETI-Portugal, Tuscia University – Italy.



1999- First commercial Jet-loop system sold in Portugal. Client: Adega Coop de Trevões. Capacity for treatment 170 M³ wastewater / day.





2000- JET-LOOP SYSTEM for Cruz & company Winery – Portugal. Capacity for treatment : 300 m3/d.

2000- JET-LOOP SYSTEM for Caves Sta. Marta – Portugal.



2001- JET-LOOP SYSTEM for Luis Pato winery. Portugal. For all winery and civil installations wastewater.

2002- JET-LOOP SYSTEM for adegas de Olhalvo. Portugal. Capacity to treat all wastewater from a storage wine capacity above 8 million Liters.

2003- JET-LOOP SYSTEM for Adega Coop Tondela. Tondela city, Portugal. Capacity for 200 m3/d



2004- JET-LOOP SYSTEM for Campolargo, Lda.Anadia, Portugal .

2005-JET-LOOP SYSTEM for Dois Portos, CRL: Location: Dois Portos, Portugal.

2006- JET-LOOP SYSTEM for Quinta do Cadão , Lda, location: Douro region, Portugal.

2006 – JET-LOOP SYSTEM for UNITUS, Viterbo, Italy. Pilot plant for new treatment for olive oil factories.

2007- JET-LOOP SYSTEM for EPC contracting, Sweeden. Capacity: 15000 m3/day sewage. Number plants: 13. Status: delivered detailed Engineering Project, Procurement and final suppliers lists.

2007- JET-LOOP SYSTEM for Hovione-Macau: Prototype unit for pharmaceutical wastewater developing treatment.

2007- JET-LOOP SYSTEM /MBR Atral-Cipan, Portugal. Prototype unit for pharmaceutical wastewater developing treatment.

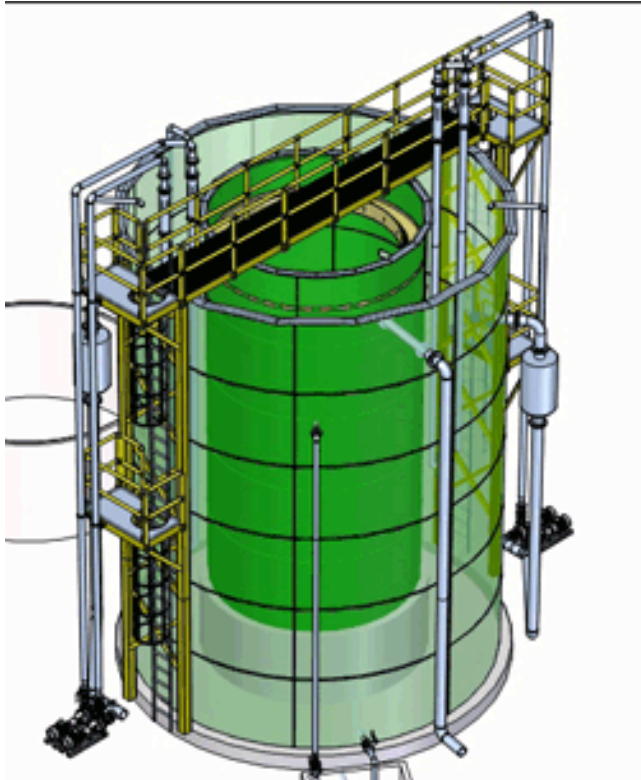


2010- JET LOOP SYSTEM for Crocus group, Russian Federation. Location: Ruskiy Island- Vladivostock , Russia. Capacity : 10000 m3/day Sewage.

2010- JET-LOOP SYSTEM for ZHD Sports, NEOCHINA, LLC, China. Capacity: 25000 m3/day sewage.

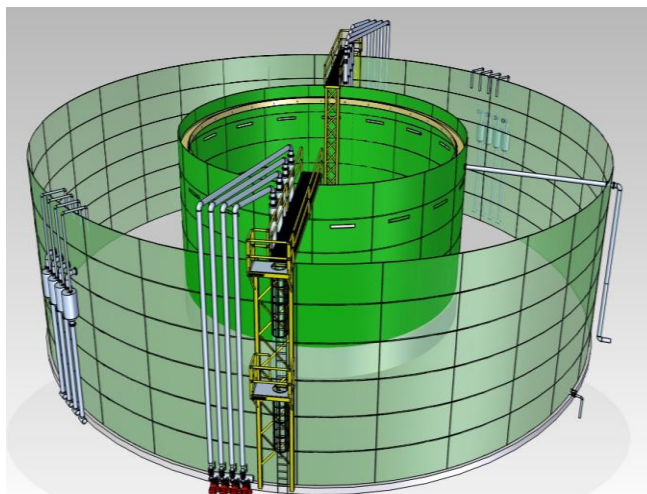


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2010- JET-LOOP SYSTEM for Hui Nan Industrial Zone, China, 50000 m³/day domestic+ industrial sewage.

The Jet-Loop System wastewater treatment is an advanced solution, simultaneously simple and effective, applicable with advantages on several situations, from municipal wastewater, to industrial water with high organic loads, producing very low amounts of sludge, demanding less energy per unit charge treated and keeping the process mechanically reliable with low maintenance, simple, efficient, with low CAPEX & low OPEX.





RECENT PLANTS:

2011-Hisyn pharmaceutical company (Zhejiang – China) : capacity : 600 m³ /day

2012- PRIMOVE-India:

Doha STP: 200 m³/day requalification technology with JET-LOOP SYSTEM aeration.

New 100 national STP series of 4000 m³/day STP plant.

2013- JET-LOOP PRO pilot plants for JUST University- Aman Jordan.

Olive oil industry wastewater treatment and water reclamation for irrigation.

2014- Gori STP plant (Georgia Republic) : capacity : 25000 habitants /day .Ongoing project

2015- Iran:

3 JET-LOOP PRO new STP plants for sewage treatment

11000 m³/day capacity up to 25000 m³/day capacity. Ongoing projects