**Biotechnological Optimization of Anaerobic Digesters**

1. **Digester’s net volume (m3):**
2. **Gas storage volume (m3):**
3. **Input quantity (m3/day):**
4. **Composition of input:**

**% of primary sludge: % of secondary sludge**

1. **Input’s overall solid content (%):**
2. **Reactor pH:**
3. **Reactor’s Total Organic Acid concentration (mg/l)**
4. **Reactor NH4-N content:**
5. **Solid content in digester (%):**
6. **Reactor temperature (oC):**
7. **Heating method:**
8. **Mixing method:**
9. **Mixing frequency:**
10. **How often is the reactor fed / day?**

**Continuous / periodical feeding?**

**If periodical, how many times is the reactor fed / day?**

1. **Gas production (m3/day):**
2. **Biogas Methane Content (%):**
3. **Gas engine type, power (kW):**
4. **% of total engine capacity used:**
5. **Specific power output (kWh/m3 biogas):**
6. **Organic matter removal efficiency (%):**