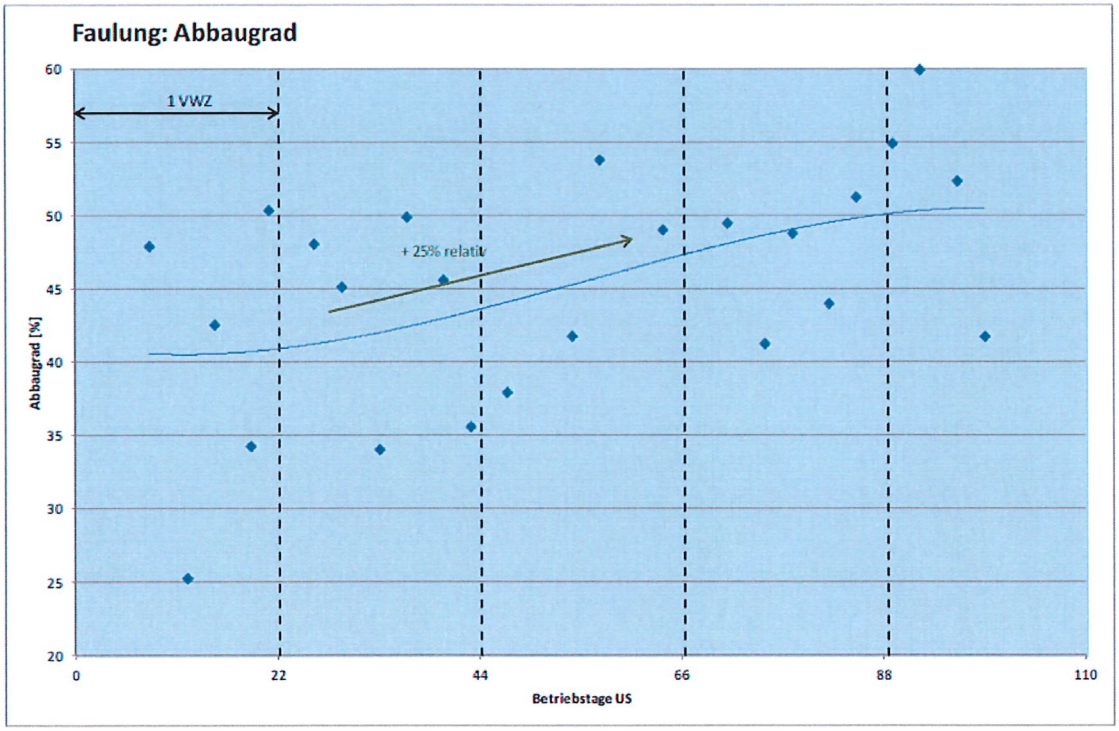
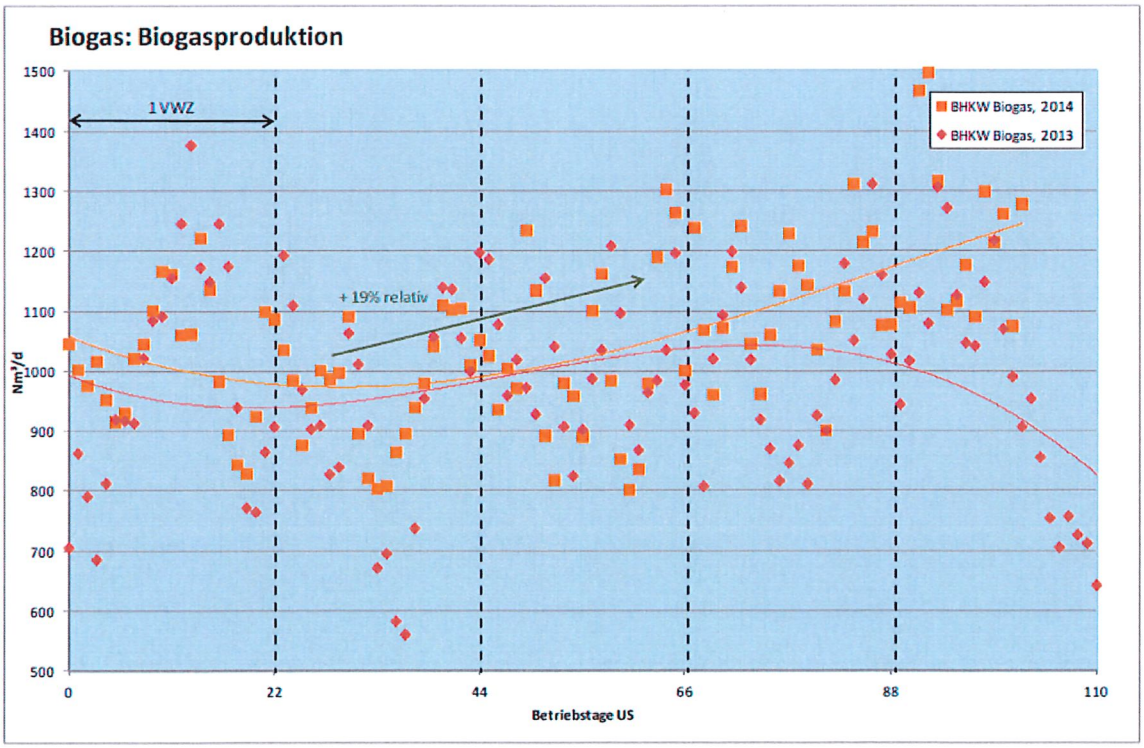
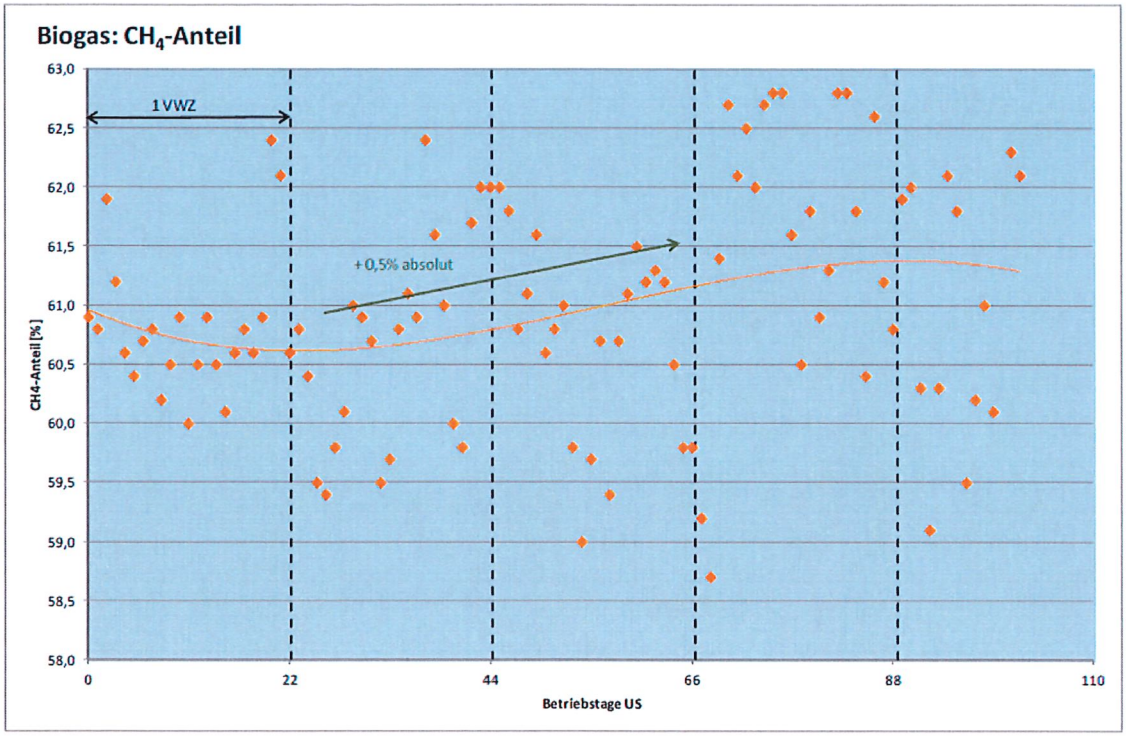


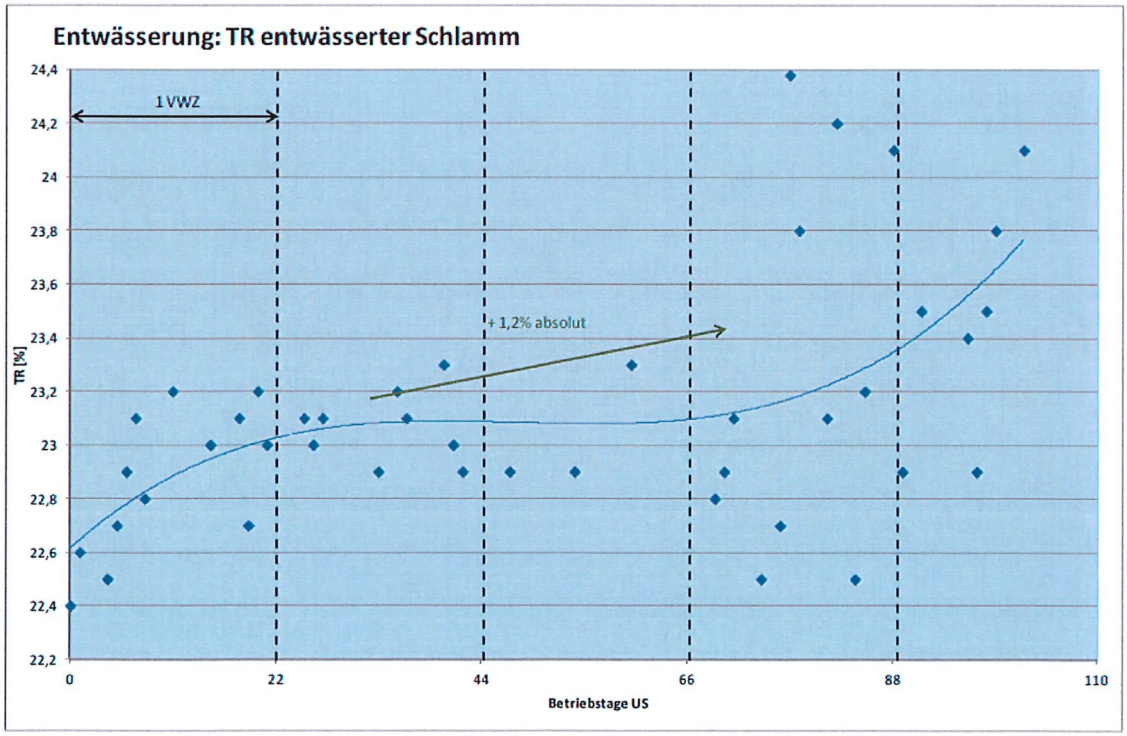
- Abbaugrad +25% → geringere Schlammmenge zur Entsorgung



- Biogas +19% → erhöhte Stromproduktion



- Methangehalt +0,5% absolut → erhöhte Biogasqualität / größerer Heizwert



- Entwässerungsleistung +1,2% absolut → geringere Schlammentsorgungskosten

Results regarding application of Ultrawaves HPUS on WWTP Leinetal:

- Sludge VS (volatile solids) Degradation improved by more than 25%
- Biogas production increased by more than 20%
- Methane concentration in biogas increased
- Dewatering of digested sludge improved
  (ca. 1,5% higher TS-conc. in dewatered sludge)
- Significantly reduction of final sludge volume for disposal