

## Reference list

### Abbreviations

| Scope of supply |   |
|-----------------|---|
| AT              | Air Treatment   |
| EM              | Engineering and Machinery                               |
| PT              | Process Tanks   |
| SCADA           | Switch Board and Control System                         |
| Input waste     |   |
| EC              | Energy Crops  |
| IOW             | Industrial Organic Waste                                |
| LM              | Livestock Manure  |
| MS              | Municipal Sludge  |
| MSW             | Municipal Solid Waste (also: Presorted Household Waste) |
| S               | Seaweed   |

### References

| Country                      | Scope of supply    | Input waste | Capacity t/d | Year |
|------------------------------|--------------------|-------------|--------------|------|
| Project                      |                    |             |              |      |
| <b>Armenia</b>               |                    |             |              |      |
| Lusakert                     | EM+SCADA+PT        | LM          | 250          | 2007 |
| <b>Denmark</b>               |                    |             |              |      |
| Vester Hjermitslev           | Turnkey            | LM          | 50           | 1984 |
| Vestregaard                  | Turnkey            | LM          | 30           | 1985 |
| Bjerregaard                  | Turnkey            | LM          | 6            | 1986 |
| Davinde                      | Turnkey            | IOW+LM      | 40           | 1987 |
| Skovsgaard                   | Turnkey            | LM          | 70           | 1987 |
| Fangel                       | Turnkey            | IOW+LM      | 160          | 1989 |
| Lintrup (Krüger-Bigadan, KB) | Turnkey            | IOW+LM+MS   | 360          | 1990 |
| Hashøj (KB)                  | Turnkey            | IOW+LM      | 150          | 1994 |
| Nysted (KB)                  | Turnkey incl. AT   | IOW+LM      | 230          | 1997 |
| Aarhus Nord                  | Digester tank      | IOW+LM+MSW  | 80           | 2001 |
| Fangel                       | Ownership          |             |              | 2002 |
| Fangel                       | Enlargement, AT+PT | IOW+LM+MSW  | 160 to 225   | 2003 |
| Hashøj                       | Enlargement, PT    | IOW+LM+MSW  | 150 to 250   | 2003 |
| Limfjordens (former Morsø)   | Turnkey incl. AT   | LM          | 350          | 2008 |
| Maabjerg                     | PT                 | IOW+LM+MS   | 1.700        | 2010 |
| Fangel                       | Digester tank      |             | 225 to 300   | 2011 |
| Horsens                      | Turnkey incl. AT   | IOW+LM      | 630          | 2013 |
| Solrød                       | Turnkey            | IOW+LM+S    | 550          | 2014 |
| <b>Estonia</b>               |                    |             |              |      |
| Linnemäe                     | Building set       | LM          | 20           | 1987 |
| <b>England</b>               |                    |             |              |      |
| Holsworthy                   | Desulph. unit      | Gas         |              | 2007 |
| Holsworthy                   | Enlargement, PT    | IOW+LM      | 250          | 2010 |
| Doncaster                    | EM+PT              | IOW         | 200          | 2010 |
| Widnes                       | EM+PT+SCADA        | IOW         | 300          | 2013 |

|                        |                    |             |            |      |
|------------------------|--------------------|-------------|------------|------|
| <b>Finland</b>         |                    |             |            |      |
| Biovakka               | EM+PT+SCADA        | IOW+LM+MS   | 330        | 2004 |
| <b>France</b>          |                    |             |            |      |
| Biovilleneuve          | Turnkey incl. AT   | EC+IOW+LM   | 205        | 2014 |
| <b>Germany</b>         |                    |             |            |      |
| Oldenburg (KB)         | Turnkey            | LM          | 50         | 1993 |
| St. Michaelisdonn (KB) | EM+SCADA           | IOW+LM      | 120        | 1995 |
| Wittmund (KB)          | Turnkey            | IOW+LM      | 320        | 1995 |
| Barth (KB)             | Turnkey            | LM          | 165        | 1998 |
| Genthin (KB)           | Turnkey            | IOW+MS      | 120        | 1999 |
| Schwallungen           | EM+PT              | IOW+LM+MS   | 160        | 2006 |
| Genthin                | Enlargement, EM+PT | IOW+LM+MS   | 120 to 210 | 2006 |
| Kogel                  | EM+PT              | IOW+LM+MS   | 140        | 2008 |
| Albersdorf             | EM+PT              | EC+LM       | 50         | 2010 |
| Malchin                | EM+PT+SCADA        | IOW+LM      | 200        | 2012 |
| Ahrenshöft             | EM                 | EC+IOW+LM   | 50         | 2013 |
| Erfstadt               | EM+SCADA           | IOW+LM      | N/A        | 2013 |
| Genthin                | Enlargement, EM+PT | IOW+LM+MS   | 210        | 2014 |
| <b>Israel</b>          |                    |             |            |      |
| Emek Hefer             | Basic design       | IOW+LM+MS   | 660        | 2001 |
| Emek Hefer             | EM+SCADA           |             | 660        | 2003 |
| <b>Japan</b>           |                    |             |            |      |
| Kawasaki Steel Corp.   | Licence agreem.    |             |            | 2001 |
| JFE Demo Plant         | EM                 | LM          | 5          | 2001 |
| Kirin Brewery-Kobe     | Desulph. unit      | Waste water |            | 2002 |
| JRC-Chiba              | EM package         | IOW         | 30         | 2002 |
| <b>Spain</b>           |                    |             |            |      |
| Logrono                | EM                 | MS          | 500        | 2008 |
| Caparroso              | AT+EM+SCADA        | LM+MSW      | 600        | 2010 |
| Almazan                | EM+SCADA           | LM+MSW      | 100        | 2011 |
| <b>Sweden</b>          |                    |             |            |      |
| Laholm (KB)            | Turnkey            | IOW+LM+MSW  | 125        | 1992 |
| Kristianstad (KB)      | EM                 | IOW+LM+MSW  | 200        | 1996 |
| Laholm                 | Enlargement, PT    |             | 125 to 250 | 2003 |
| Kristianstad           | Enlarg., EM+SCADA  |             | 200 to 400 | 2003 |
| Söderåsen              | Turnkey - incl. AT | IOW+LM      | 180        | 2006 |
| Kristianstad           | Enlargement, EM    |             |            | 2006 |
| Falkenberg             | Turnkey - incl. AT | IOW+LM      | 350        | 2008 |
| Kristianstad           | Enlargement, PT    |             |            | 2011 |
| <b>Ukraine</b>         |                    |             |            |      |
| Zaporozhstal (KB)      | Building set       | IOW+LM      | 30         | 1992 |
| Avangard               | Turnkey            | LM          | 400        | 2014 |
| <b>USA</b>             |                    |             |            |      |
| Synergy                | Turnkey - incl. AT | IOW+LM      | 450        | 2011 |
| Napoleon               | Turnkey - incl. AT | IOW+LM      | 450        | 2013 |