

# Appendix 1

## Guideline building costs

| Items                                     | Units used     | Cost per item, € |
|---|----------------|------------------|
| Building milking parlour (shed, yard,     | per unit       | 4,000 - 5,000    |
| Milking machine                           | per unit       | 2,000 - 8,000    |
| Bulk tank                                 | per litre      | 1.70 - 2.50      |
| Cubicle shed + slatted tank               | per cow        | 1,000 + 500      |
| Topless cubicle + lined lagoon            | per cow        | 400 + 300        |
| Lined wintering pad + lined lagoon        | per cow        | 250 + 300        |
| Silage slab                               | per cow        | 95 -125          |
| <b>Specific building items</b>            |                |                  |
| Roof                                      | m <sup>2</sup> | 50               |
| Slatted tank (16 wk storage for 100 cows) | m <sup>3</sup> | 80               |
| Stanchion bases                           | each           | 25               |
| Cubicles and cubicle beds                 | each           | 190              |
| Concrete floors                           | m <sup>2</sup> | 22               |
| External walls                            | linear metres  | 140              |
| Feeding barriers                          | per bay        | 180              |
| Automatic scrapers                        | per passage    | 2,800            |
| Electrical work                           | per bay        | 250              |
| Cubicle mats                              | each           | 46               |
| <b>Other</b>                              |                |                  |
| Land drainage – shallow system            | per hectare    | 125-3,500        |
| Land drainage – groundwater system        | per hectare    | 3,700-8,600      |
| Water pipes                               | per metre      | 1.50-2.00        |
| Farm roadways                             | per metre      | 15-30            |
| Water troughs                             | per litre      | 0.25-0.50        |