

# Kverneland Group Ravenna S.r.l.

## 1. Outline

Address : Via A. De Gasperi 34,  
48026 Russi (RA) – Italy

Number of employees : 145

Site area : 30,000m<sup>2</sup>

Establishment day : 1922

ISO14001 certification date : -



## 2. Products

### Main products

- Round Balers
- Bale Wrappers

## 3. Environmental policy

1. The Kubota Group aspires to create a society where sustainable development is possible on a global scale.
2. The Kubota Group contributes to the conservation of global and local environments through its environmentally friendly operations, products, and technologies.

## 4. Environmental performance data (Jan. 2015 to Dec. 2015)

|                       |                         |     |
|-----------------------|-------------------------|-----|
| Used amount of energy | Crude oil equivalent KL | 951 |
| Used amount of water  | thousand m <sup>3</sup> | 8   |

|                           |                    |       |
|---------------------------|--------------------|-------|
| CO <sub>2</sub> emission* | t -CO <sub>2</sub> | 1,670 |
|---------------------------|--------------------|-------|

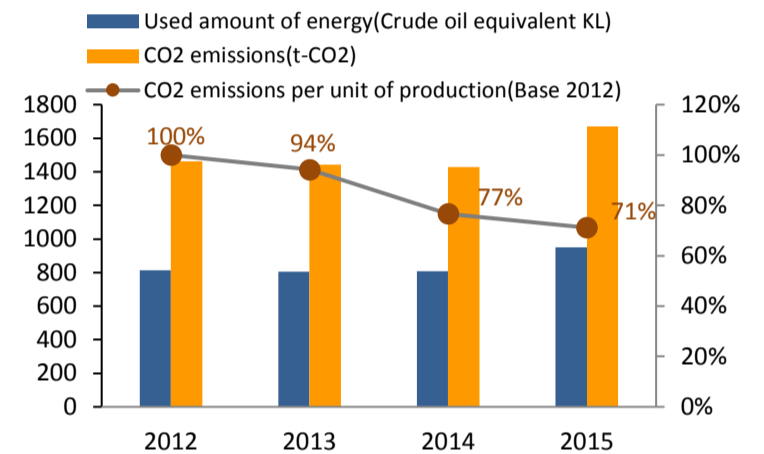
\*CO<sub>2</sub> emissions from energy sources.

| Air Pollutant measurement results         |  |   |               |                  |
|---|--|---|---------------|------------------|
| Main smoke and soot generation facilities |  | No smoke and soot generating facilities |               |                  |
|   | Unit   | Control content                         | Control value | Maximum measured |
| SO <sub>x</sub>                           | Total emission control and K-value control: m <sup>3</sup> N/h         | -                                       | -             | -                |
| NO <sub>x</sub>                           | Total emission control: m <sup>3</sup> N/h, Concentration control: ppm | -                                       | -             | -                |
| Particulate                               | Concentration control: g/m <sup>3</sup> N                              | -                                       | -             | -                |

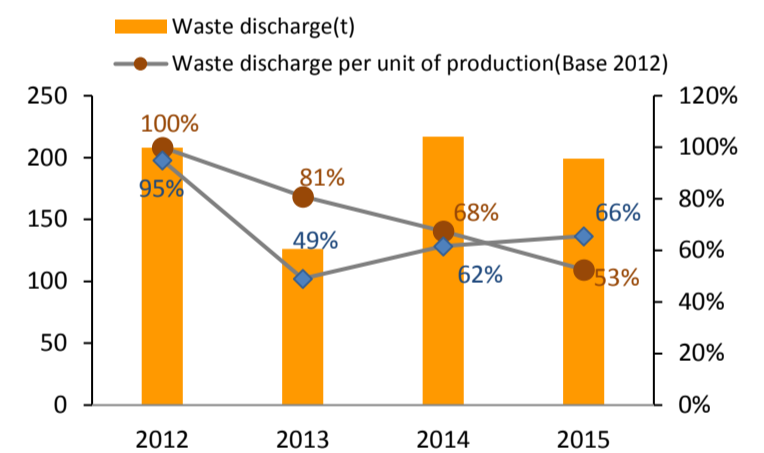
|  |                               |         |   |
|--|-------------------------------|---------|---|
| Amount of discharge water              | thousand m <sup>3</sup> /year | 8       |   |
| Amount of pollutant in discharge water | COD                           | kg/year | - |
|  | Nitrogen                      | kg/year | - |
|  | Phosphorus                    | kg/year | - |

| Water pollutant measurement results |                                    |        |               |                  |
|-------------------------------------|------------------------------------|--------|---------------|------------------|
|                                     |                                    | unit   | Control value | Maximum measured |
| Public water areas                  | pH                                 | -      | -             | -                |
|                                     | BOD                                | mg/L   | -             | -                |
|                                     | COD                                | mg/L   | -             | -                |
|                                     | Nitrogen                           | mg/L   | -             | -                |
|                                     | Phosphorus                         | mg/L   | -             | -                |
|                                     | Hexavalent chromium                | mg/L   | -             | -                |
|                                     | Lead                               | mg/L   | -             | -                |
|                                     | COD, total emission control        | kg/day | -             | -                |
|                                     | Nitrogen, total emission control   | kg/day | -             | -                |
|                                     | Phosphorus, total emission control | kg/day | -             | -                |
| Sewerage lines                      | pH                                 | -      | 5.5 ~ 9.5     | 6.9 ~ 7.7        |
|                                     | BOD                                | mg/L   | 250           | 5                |
|                                     | COD                                | mg/L   | 500           | 28               |
|                                     | SS                                 | mg/L   | 200           | 0                |

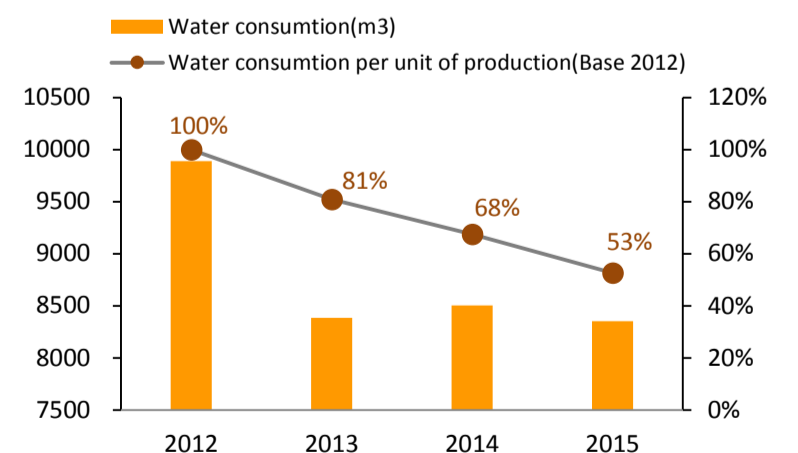
|                 |         |       |
|-----------------|---------|-------|
| Waste discharge | t /year | 199   |
| Recycling ratio | %       | 65.5% |



Graph.1 energy&CO<sub>2</sub> emissions



Graph.2 waste discharge& recycling ratio



Graph.3 Water consumption