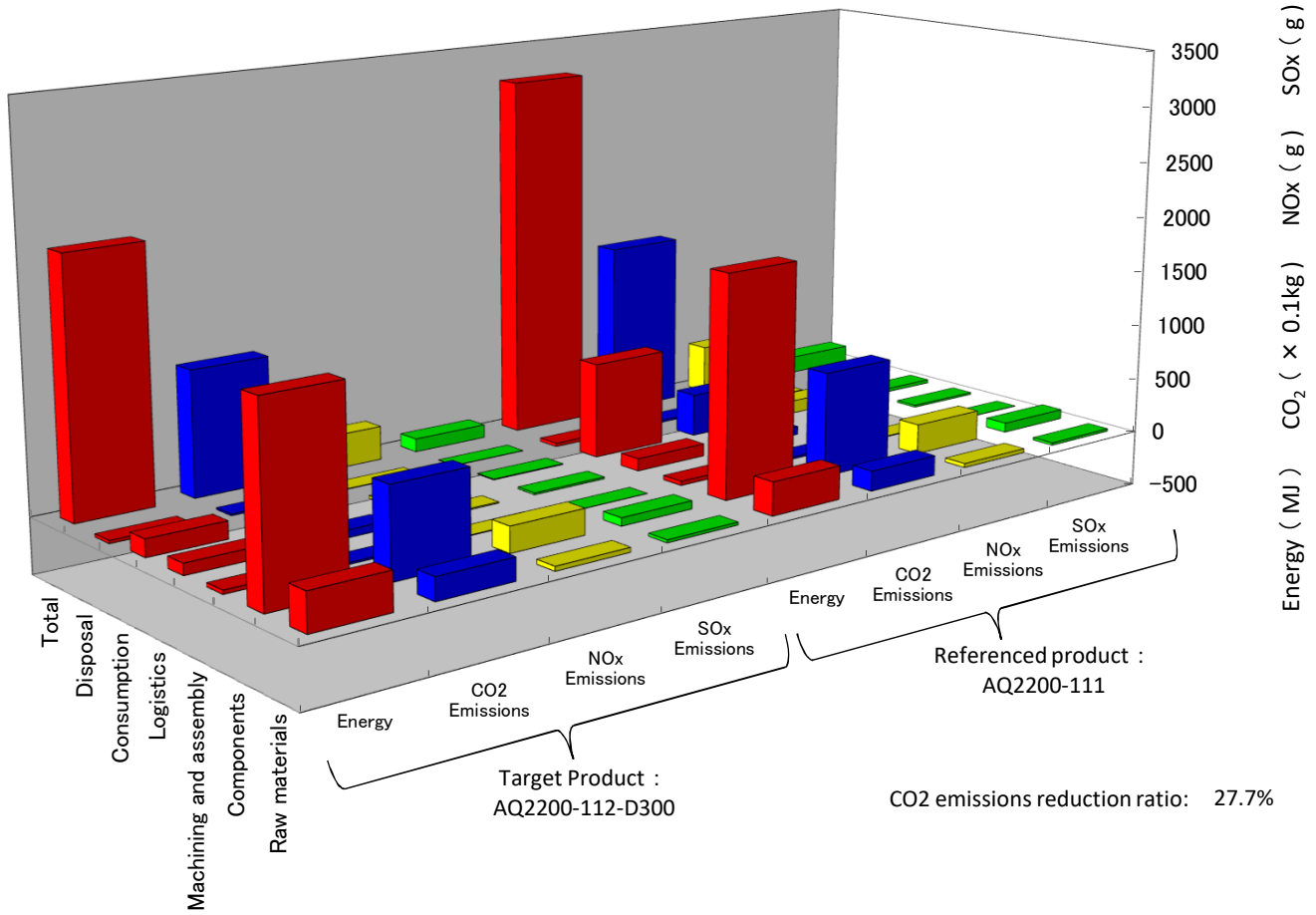


## Results of Life Cycle Assessment <AQ2200-112>



|                        | Target Product: AQ2200-112-D300 |                                    |                                   |                                   | Referenced product: AQ2200-111 |                                    |                                   |                                   |
|------------------------|---------------------------------|------------------------------------|-----------------------------------|-----------------------------------|--------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
|                        | Energy<br>MJ                    | CO <sub>2</sub><br>Emissions<br>kg | NO <sub>x</sub><br>Emissions<br>g | SO <sub>x</sub><br>Emissions<br>g | Energy<br>MJ                   | CO <sub>2</sub><br>Emissions<br>kg | NO <sub>x</sub><br>Emissions<br>g | SO <sub>x</sub><br>Emissions<br>g |
| Raw materials          | 329.1                           | 19.6                               | 40.4                              | 24.9                              | 293.7                          | 17.5                               | 35.6                              | 21.9                              |
| Components             | 1,666.3                         | 78.2                               | 225.8                             | 71.4                              | 1,951.4                        | 91.8                               | 263.8                             | 83.8                              |
| Machining and assembly | 33.5                            | 1.5                                | 4.7                               | 1.2                               | 36.8                           | 1.6                                | 5.1                               | 1.4                               |
| Logistics              | 100.4                           | 6.6                                | 10.1                              | 15.5                              | 109.2                          | 7.2                                | 11.0                              | 16.9                              |
| Consumption            | 154.5                           | 6.9                                | 21.4                              | 5.7                               | 841.2                          | 37.5                               | 116.7                             | 30.9                              |
| Disposal               | -26.5                           | -1.5                               | -3.5                              | -1.9                              | -29.9                          | -1.7                               | -3.8                              | -2.1                              |
| <b>Total</b>           | <b>2,257.4</b>                  | <b>111.3</b>                       | <b>298.9</b>                      | <b>116.8</b>                      | <b>3,202.4</b>                 | <b>154.0</b>                       | <b>428.5</b>                      | <b>152.8</b>                      |
| functional factor      | 29.5%                           | 27.7%                              | 30.2%                             | 23.5%                             |                                |                                    |                                   |                                   |

Note: Value of the referenced product is calculated based on the functional factor.      Functional factor: 1.1