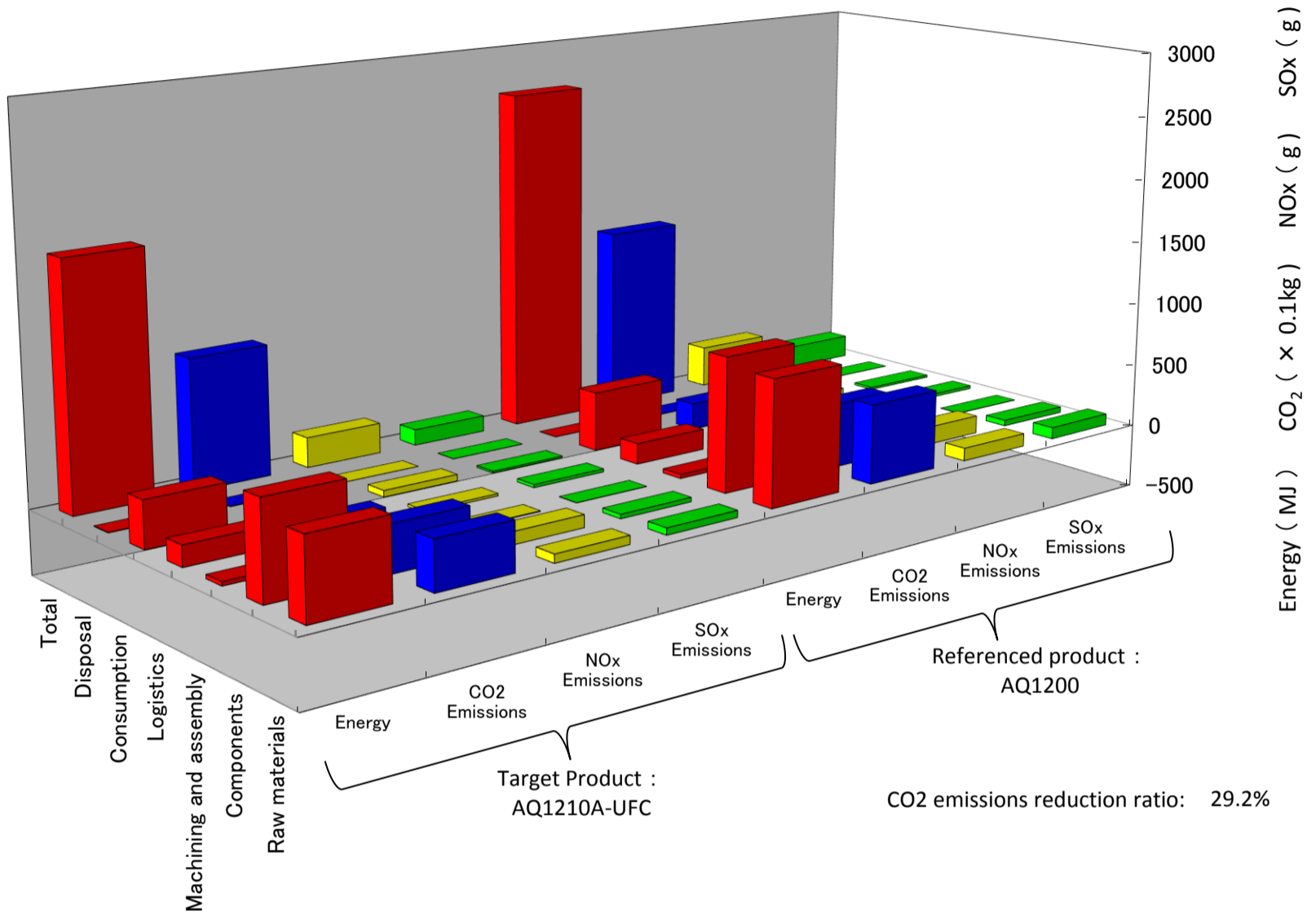


## Results of Life Cycle Assessment <OTDR AQ1210 Series>



	Target Product: AQ1210A-UFC				Referenced product: AQ1200			
	Energy MJ	CO <sub>2</sub> Emissions kg	NO <sub>x</sub> Emissions g	SO <sub>x</sub> Emissions g	Energy MJ	CO <sub>2</sub> Emissions kg	NO <sub>x</sub> Emissions g	SO <sub>x</sub> Emissions g
Raw materials	606.7	37.4	65.9	53.5	969.9	60.9	99.2	90.0
Components	731.1	35.4	96.2	32.8	1,033.9	49.0	137.7	44.2
Machining and assembly	29.7	1.3	4.1	1.1	31.4	1.4	4.4	1.2
Logistics	159.4	10.5	17.5	23.7	161.2	10.6	17.7	24.0
Consumption	359.4	16.0	49.9	13.2	458.8	20.4	63.7	16.9
Disposal	2.7	0.3	0.1	-0.5	0.7	0.2	-0.1	-0.6
<b>Total</b>	<b>1,889.1</b>	<b>100.9</b>	<b>233.7</b>	<b>123.9</b>	<b>2,655.9</b>	<b>142.6</b>	<b>322.6</b>	<b>175.7</b>
Reduction ratio	28.9%	29.2%	27.5%	29.5%				

Note: Value of the referenced product is calculated based on the functional factor.    Functional fact 1