

## ASIA CASE STUDY – LATISANA CAPOLUOGO

### Energy saving

<b>LINEA 1 - BNR CLASSIC</b>				
<i>Month</i>	<i>Mixer</i>	<i>Blower</i>	Pump (aerated sludge recirculation)	Pump (final recirculation)
<i>October 2019</i>				
Working hours	744 h	345 h	526 h	524 h
Energy consumed	1637 kWh	6909 kWh	1630 kWh	3928 kWh
<i>November 2019</i>				
Working hours	720 h	338 h	512 h	500 h
Energy consumed	1584 kWh	6768 kWh	1588 kWh	3753 kWh
<i>Dicember 2019</i>				
Working hours	744 h	243 h	520 h	510 h
Energy consumed	1637 kWh	4853 kWh	1611 kWh	3824 kWh
<i>January 2020</i>				
Working hours	744 h	214 h	529 h	521 h
Energy consumed	1637 kWh	4274 kWh	1641 kWh	3911 kWh
<i>February 2020</i>				
Working hours	696 h	226 h	493 h	480 h
Energy consumed	1531 kWh	4511 kWh	1528 kWh	3601 kWh
<b>Total Energy consumed</b>	<b>8026 kWh</b>	<b>27315 kWh</b>	<b>7998 kWh</b>	<b>19017 kWh</b>
<b>Total Energy consumed 1st Line (BNR CLASSIC)</b>	<b>62.356 kWh</b>			

<b>LINEA BNR &amp; ASIA</b>		
<i>Month</i>	<i>Blower</i>	Pump (final recirculation)
<i>October 2019</i>		
Working hours	307 h	512 h
Energy consumed	4600 kWh	3836 kWh
<i>November 2019</i>		
Working hours	119 h	533 h
Energy consumed	1782 kWh	3996 kWh
<i>Dicember 2019</i>		
Working hours	59 h	551 h
Energy consumed	882 kWh	4129 kWh
<i>January 2020</i>		
Working hours	154 h	500 h
Energy consumed	2308 kWh	3753 kWh
<i>February 2020</i>		
Working hours	277 h	345 h
Energy consumed	4157 kWh	2590 kWh
<b>Total Energy consumed</b>	<b>13729 kWh</b>	<b>18304 kWh</b>
<b>Total Energy consumed 2nd Line (BNR &amp; ASIA)</b>	<b>32.033 kWh</b>	

Equivalent Inhabitants:	6.500		
Reduction in energy consumption (kWh/5 months):	30.323		
Reduction in energy consumption (kWh/year):	72.775		
Energy cost (€/kwh):	0,148 €	0,256 €	0,310 €
Saving (€/year)	10.770,73 €	18.630,45 €	22.576,32 €