

<i>Production</i>	1.3MW Hydrogen	<i>Unit</i>
<b>Operating time</b>	7500	hours/year
<b>Hourly production H2</b>	53.43104	kg/h
<b>Hourly production Biogas</b>	526.24	Nm3/h
<b>Yearly production H2</b>	400732.8	kg/year
<b>Yearly production Biogas</b>	3946800	Nm3/h
<i>Raw materials</i>		
<b>Olivine</b>	89.7	kg/h
<b>Natural gas</b>	16.71641791	Nm3/h
<b>Wooden pellets</b>	1000	kg/h
<i>Energies</i>		
<b>kWh per biomass feed electricity</b>	0.225	kWh compressor/kg biomass feed
<i>Cost per kg of H2</i>		
<b>Natural gas</b>	USD 93,933.15	USD/year
<b>Olivine</b>	USD 121,095.00	USD/year
<b>Wooden pellets</b>	USD 773,468.49	USD/year
<b>Steam</b>	USD 29,745.63	USD/year
<b>Water</b>	USD 19,969.02	USD/year
<b>Electricity</b>	USD 101,145.88	USD/year
<i>Personal costs</i>		
<b>Operators</b>	3	
<b>Wage per operator</b>	USD 21,419.13	USD/year
<b>Personal costs</b>	USD 2,831.97	USD/year
<i>Total</i>		
<b>Total</b>	USD 1,142,189.14	USD/year
<b>Selling price to NPV = 0 Hydrogen</b>	USD 2.85	USD/kg
<b>Biogas selling price</b>	USD 0.22	Kč/kg
<i>Investment</i>		
<b>Investment</b>	USD 1,548,187.57	Kč
<b>REV</b>	USD 2,011,911.48	Kč
<b>Tax</b>	19.00%	%