

## hack4glarus-2018-winter - Task #6177

### LoRa32 Node

12/02/2018 02:23 PM - Tillo Bosshart

<b>Status:</b>	Closed	<b>Start date:</b>	12/02/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Tillo Bosshart	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>PM Check date:</b>			
<b>Description</b>			
Project to build a inexpensive LoRa(WAN) node which can be used in workshop.			
Stuff I worked on:			
<ul style="list-style-type: none"><li>• implementing lower power consumption (the design of the module isn't that great though, failed)</li><li>• adding new sensors (still some problem with the library I use for the screen)</li><li>• redesign of the hardware (probably i'll drop LoRa module, and replace it with some processor officially supported by uPython/CircuitPython and a LoRa modem)</li></ul>			
Repos:			
<ul style="list-style-type: none"><li>• Hardware: <a href="https://github.com/morgulbrut/LoRa32_Node">https://github.com/morgulbrut/LoRa32_Node</a></li><li>• Software: <a href="https://github.com/morgulbrut/LoRa32_Workshop">https://github.com/morgulbrut/LoRa32_Workshop</a></li></ul>			
Its on kitspace as well: <a href="https://kitspace.org/boards/github.com/morgulbrut/lora32_node/">https://kitspace.org/boards/github.com/morgulbrut/lora32_node/</a>			

### History

#1 - 12/27/2018 11:11 PM - Nico Schottelius

- Status changed from New to Closed