

# Wind turbine



## Objective:

- Report on a computer the wind turbine performances.

## Products:

- ARM-D
- ARM-DA
- ARM-X
- ARM-SE



## Application:

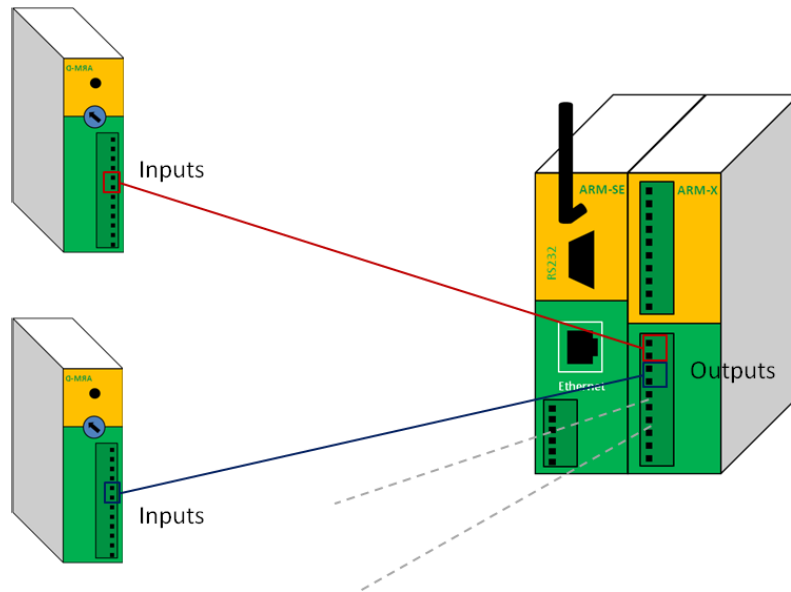
For the energy production, it is important to control the performances. Our radio modems are perfectly adapted for this kind of applications, capable to transmit data like rotation speed, energy production, yield, etc.

It is possible to connect our ARM-X radio modem with an ARM-SE on a master post, in order to receive data from one or more slaves ARM-D (up to 4) which report data from analogical and digital sensor.

### Configuration:

The ARM-SE can be configured by its embedded web pages. The ARM-D can be configured by a specific cable or by AT commands.

The ARM-SE and the ARM-X8800 must be configured in serial, multiple mirror mode. In the "Modules" tab, affect 2 by 2 the outputs which will communicate with the ARM-D inputs.



The 2 ARM-D digital inputs will be send on the 2 selected ARM-X inputs. The master post will receive at a distance all the information from the sensors.

A similar configuration could be made with an ARM-SE coupled to an ARM-X4404. In this case, up to 2 ARM-DA will transmit their analogical inputs to the ARM-SE coupled to the ARM-X4404.

**Attention:** it is important to note the ARM-SE and ARM-X8800 couple, and ARM-SE and ARM-X4404 couple are delivered in one bloc and can not be separated.