

## Letimer interrupt: ○ The Letimer interrupts every 10s ○ The sensor data is collected and transmitted every 30 minutes InterruptCount++ Ves Ves InterruptCounter ≤ 3 Ves Transmit again the connection data.

No

InterruptCounter = 181?

- Transmit again the sensor data.

- InterruptCounter = 0

Yes

Get moisture, temperature,

humidity and battery data.

Create a data array.

Encrypt

- Transmit data sensor to station.

- Enable the eusart interrupt.

- Turn on Led 1(3s): Inform the user that the connection was unsuccessful - InterruptCounter = 0

**END** 

## **EUSART interrupt:**

