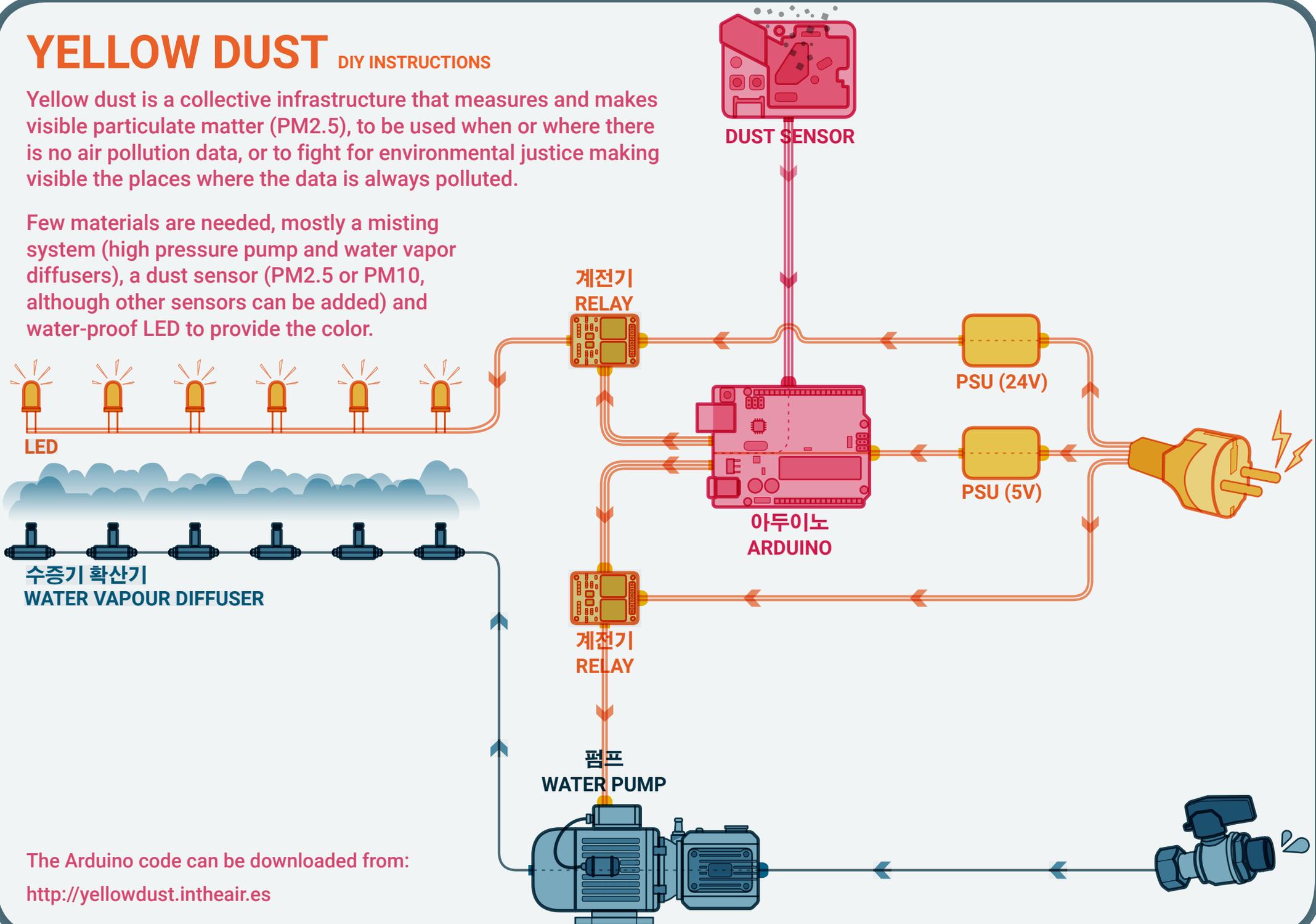# YELLOW DUST DIY INSTRUCTIONS

Yellow dust is a collective infrastructure that measures and makes visible particulate matter (PM2.5), to be used when or where there is no air pollution data, or to fight for environmental justice making visible the places where the data is always polluted.

Few materials are needed, mostly a misting system (high pressure pump and water vapor diffusers), a dust sensor (PM2.5 or PM10, although other sensors can be added) and water-proof LED to provide the color.

DUST SENSOR

계전기 RELAY

PSU (24V)

PSU (5V)

LED

아두이노 ARDUINO

수증기 확산기 WATER VAPOUR DIFFUSER

계전기 RELAY

펌프 WATER PUMP

The Arduino code can be downloaded from:

http://yellowdust.intheair.es