Maintenance of Vertical Plant Walls

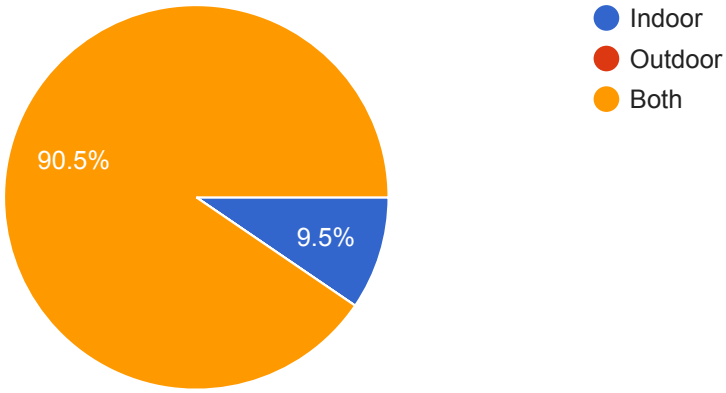
21 responses

Publish analytics

Current situation

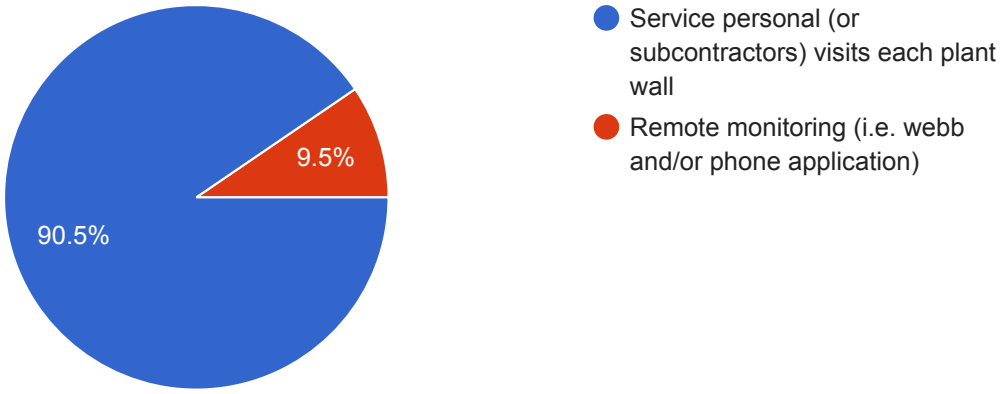
Do you offer vertical plant walls for

21 responses



How are you currently maintaining the vertical plant walls?

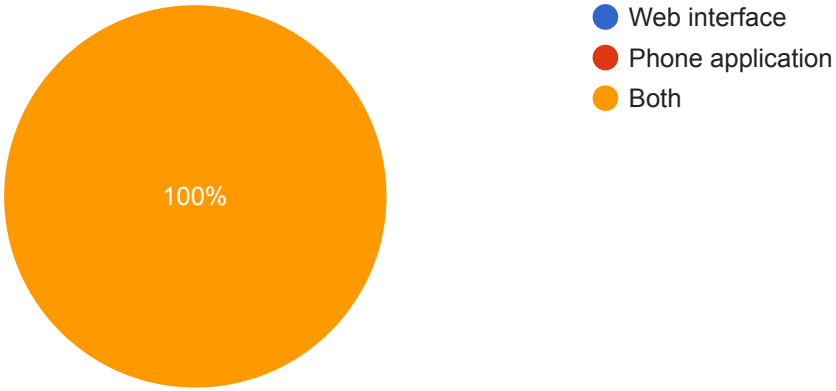
21 responses



Remote monitoring

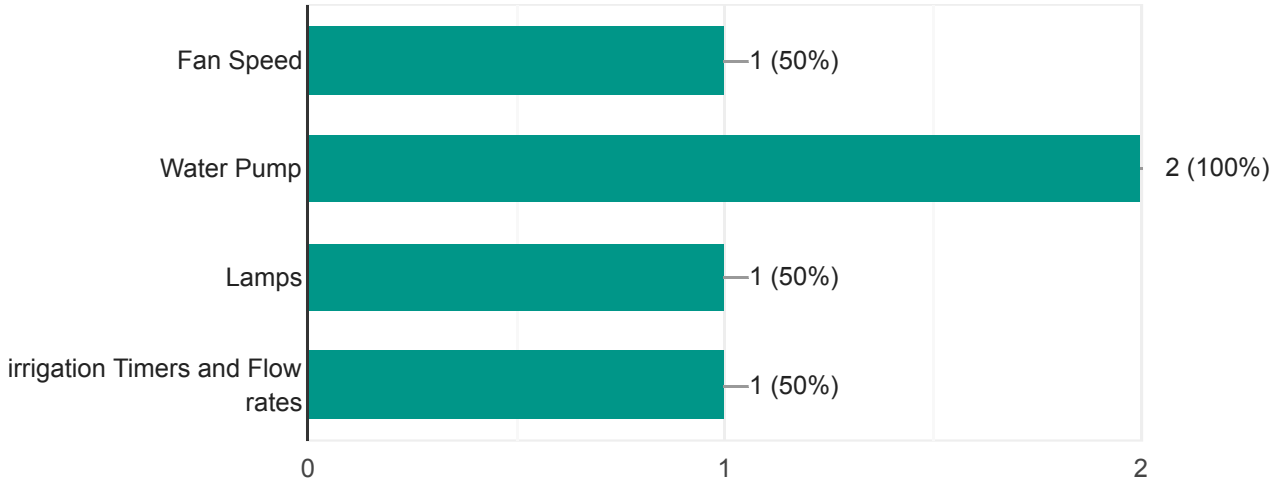
Are you using a web interface or a phone application? Or both?

2 responses



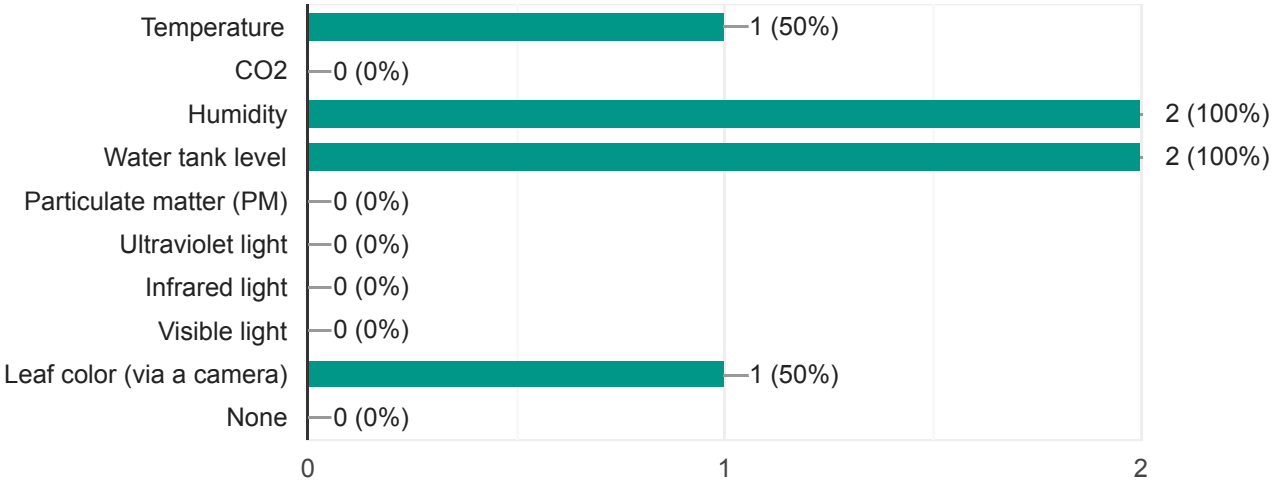
Which actuators are you monitoring?

2 responses



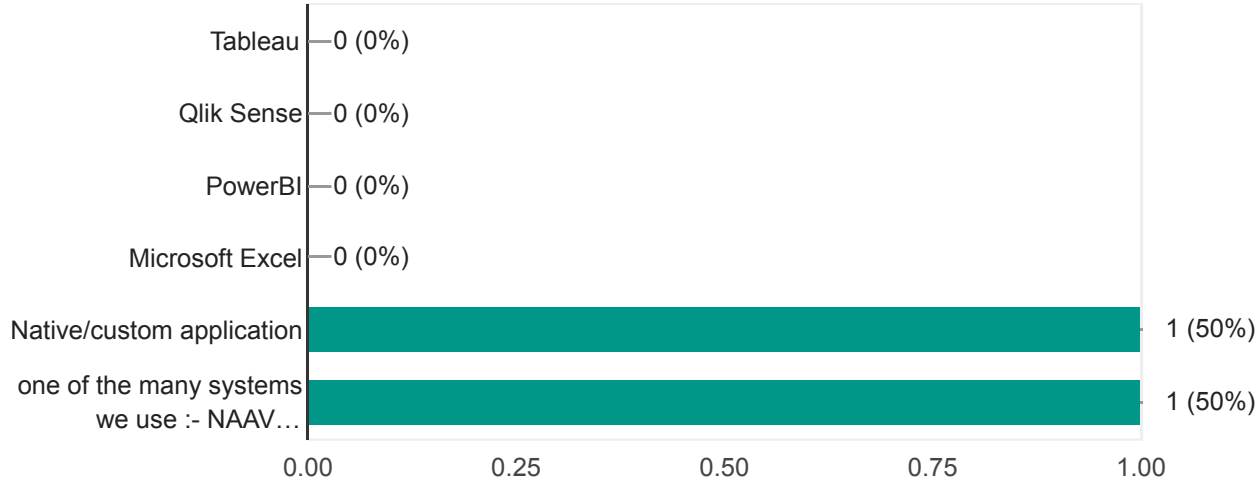
Which of these additional parameters are you keeping track of?

2 responses



With what software/application are you monitoring these parameters?

2 responses



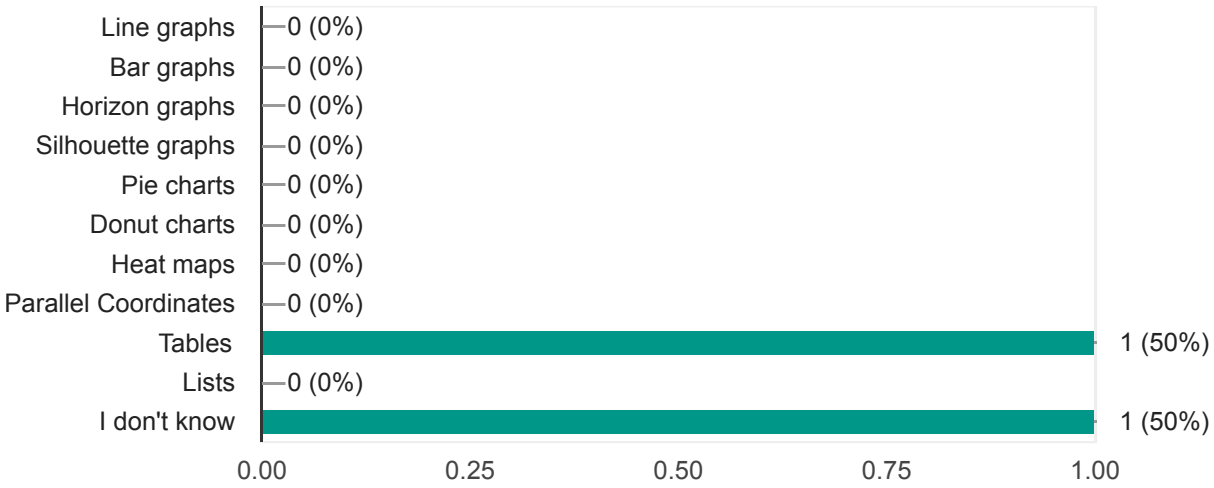
If you are using a customized native application, what can you do with it?

1 response

control via bluethoot for the solenoid valves

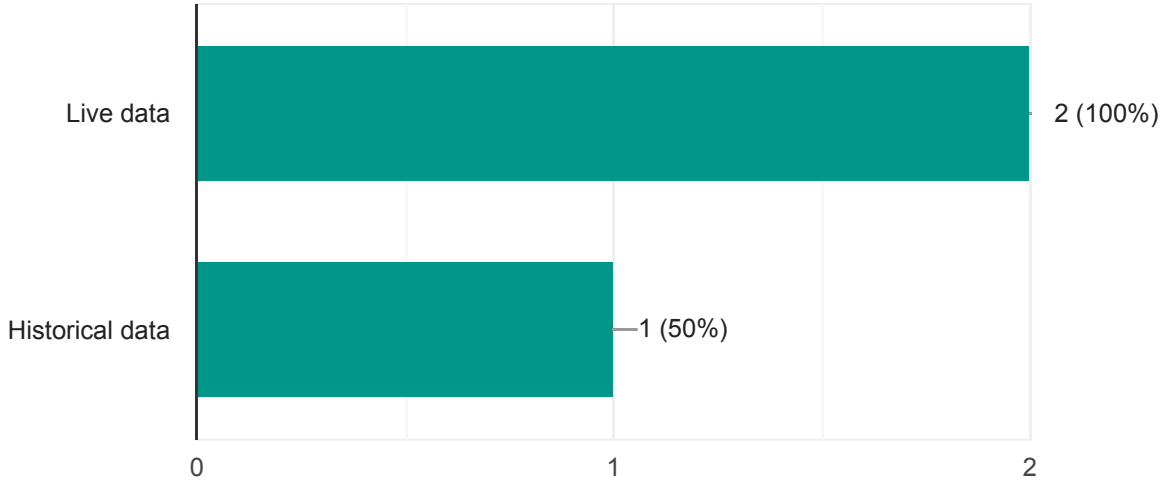
What visualization methods are you using?

2 responses



Are you analyzing live or historical data? Or both?

2 responses



What you are interested in when studying the data?

2 responses

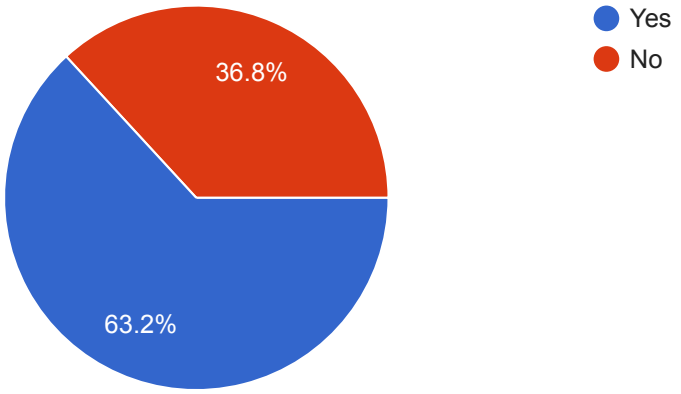
for the moment we need only to control if the system is operating correctly

Flow Rates of Irrigation , Water levels in tanks, Photos of Foliage recording overall appearance

Physical visit to the plant walls

Are you planning to implement remote monitoring of the plant walls?

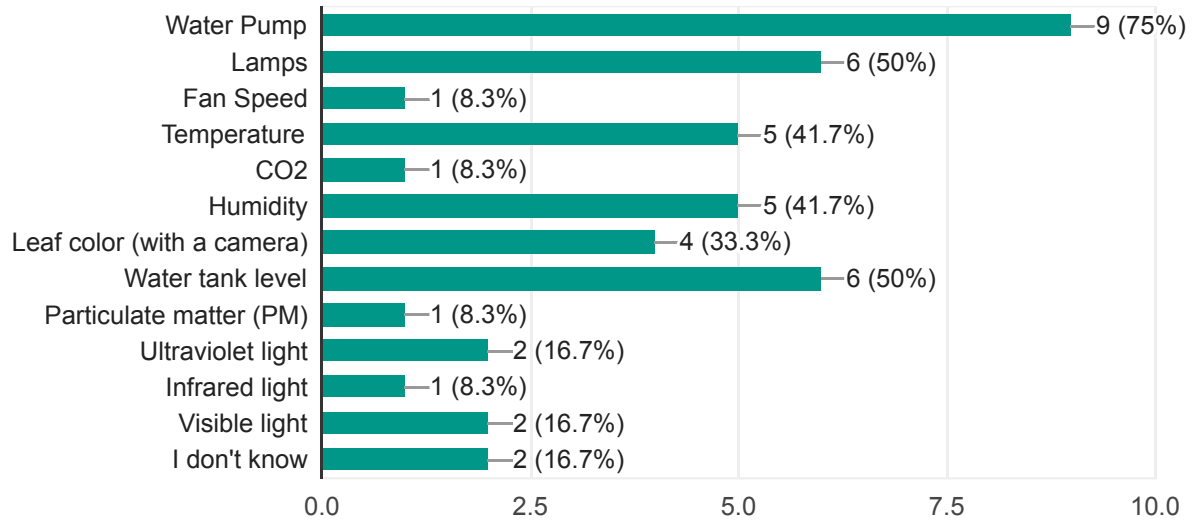
19 responses



Remote monitoring

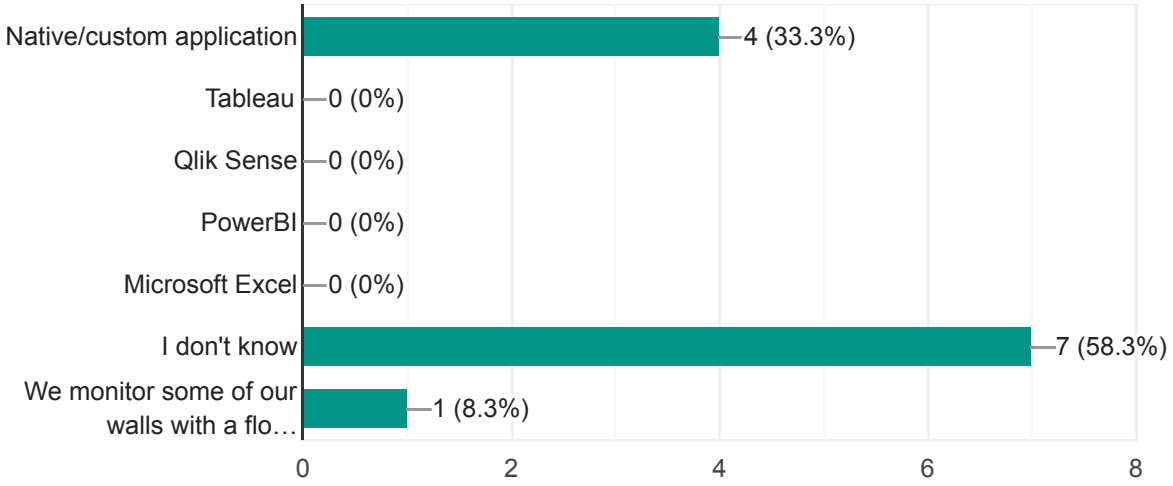
Which of the following parameters will/want you to monitor?

12 responses



What software are you planning to use?

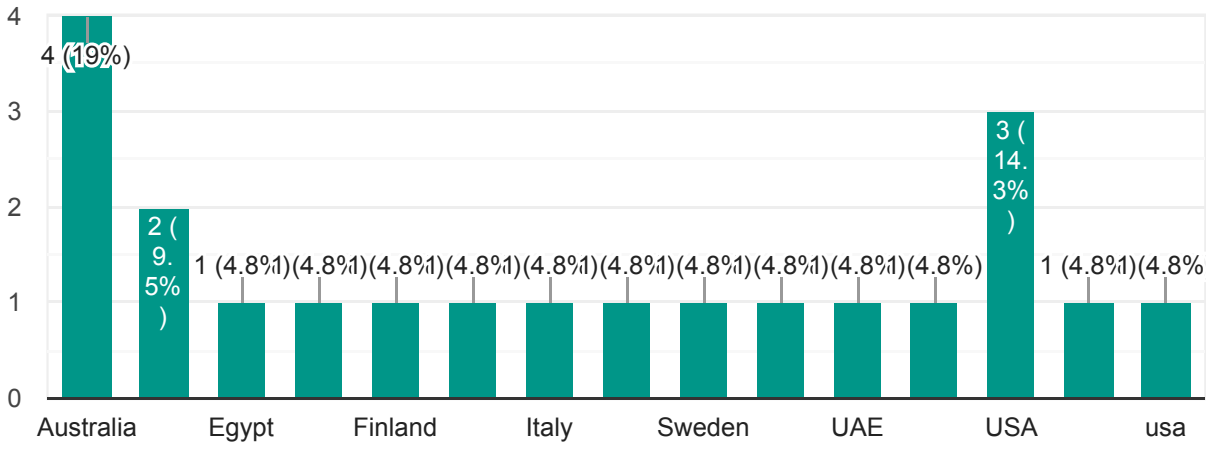
12 responses



Thank you for the help! :)

My company is based in (country)

21 responses



Additional thoughts...

12 responses

I currently monitor my walls via both personal inspections and remote monitoring of water supply via WiFi connected irrigation controller.

My understanding is that remote monitoring of living walls are currently too expensive to make economical sense. When we can send a human to physically look at a wall once a week or every other week (depending on the irrigation system or lack there of), for less a remote system, they just don't make sense. Even if we had a system to monitor the wall remotely, we would still need to have personnel on site at least once per month to trim the plant material and make replacements. (While they are there, they will look over the wall - so the monitoring system might cut out one visit per month, on a bi-weekly cared for wall.) So if I have to pay someone (time & mileage) $40 per visit and this system saves me 1 visit per month, it couldn't cost more than the $40 I would be paying someone (per wall) - or I would just send the human out. If the wall is manually watered (60% of our walls), the human is going to have to be there every week to water, so no remote system would make sense.

Good luck! I also studied in Sweden, wonderful country!

It would be easy enough to manifest solution to implement sensor technology in the