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Definition Of Ready

# Background

Smart Hydro has been a project that has been going on since 2023. Since then, as data is collected on the plants grown, what went right and wrong over the years, it subsequently affects the following years research. As of now (2025), below are things that need to be addressed before the team jumps into design, development and possible deployment of the project, as well as defining the new research.

## Definition of Ready

* Acceptance criteria are clearly defined and testable for the hardware and software.
* Design specifications are documented, reviewed, and validated against farmer needs.
* Improvement strategies based on previous year’s research are documented and approved.
* Tunnel system specifications are complete, reviewed, and aligned with research criteria
* Design strategies for timings and solution management are identified, outlined and verified against farmers need.
* Strategies to keep costs low as well as account for minimal infrastructure align with farmers constraints.
* Risk mitigation is drawn up to minimize delay in working with the tents. (Example blown components).