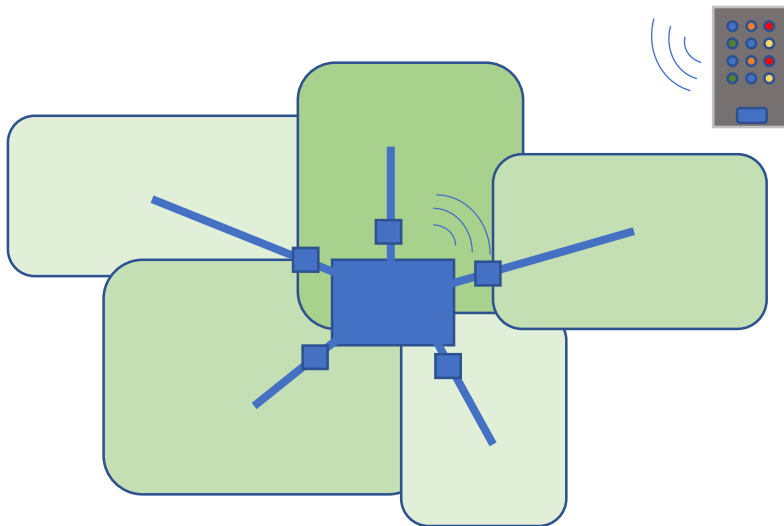


- Today most of the farmers have own small inefficient diesel driven pump.
- Very little of water reservoirs are used.
- Farmers are highly vulnerable to economic catastrophe of e.g. from pump failure.
- Investment to diesel pump can be prohibitive for poor farmer.
- Costs of fuel furthermore reduces farmers income significantly.



- Proposed concept consist of:
 - Centralized deep well to ensure reliable access to ground water
 - Solar driven pump with adequate reservoir to allow flexible irrigation scheduling.
 - Remote readable meters and remote controllable valves.
 - Mobile application allowing payment per m^3 to i.e. just what farmers needs.
 - Mobile app to learn from peer farmers how efficient their "water usage per output" is compared to neighboring farmers.
- Concept gives "value-for-water" thus enabling right mind-set of farmers to start investing on water saving technologies.
- Concept also disconnects farmer from commercial risks related to self-own pumps and fuel costs. Farmers pay only for what they need.