



Monitoring soil moisture in Barossa grazing systems

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Background – soil moisture

- Greatest limiting resource for production in dryland farming systems
- Exacerbated by seasonal variability
- Used in other industries, how about grazing systems?
- Moisture cuts across various management decisions





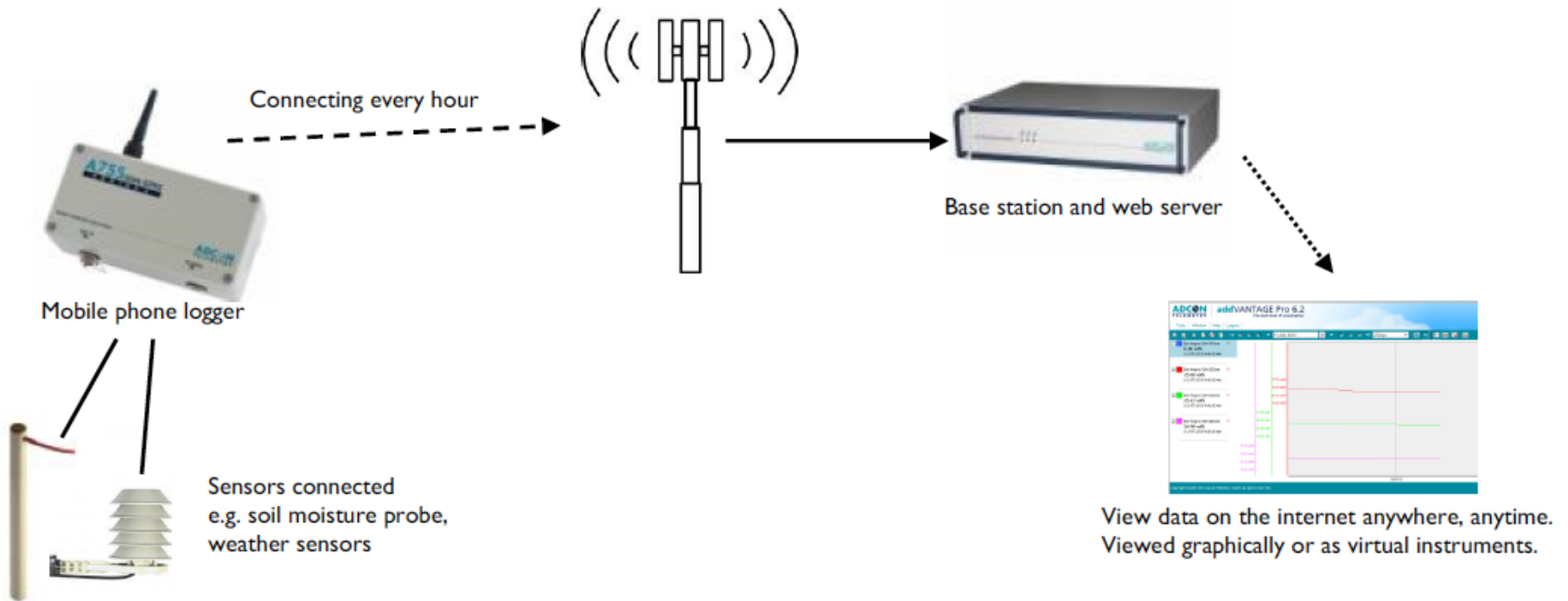
Project outline:

Monitoring Soil Moisture to Improve Productivity and NRM in Grazing Systems

- Demo sites on representative soil and pasture types:
 1. Keyneton/Moculta (red loam over clay)
 2. Eden Valley (sandy loam over clay)
 3. Koonunga (red brown earth)



How will soil moisture be measured?



Data measurements

- Soil moisture and temperature
 - Pasture production
 - Soil cover
 - Livestock performance /grazing days
 - Predict pasture production from plant available water?
- ***Decision support tool to help minimise risk***





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