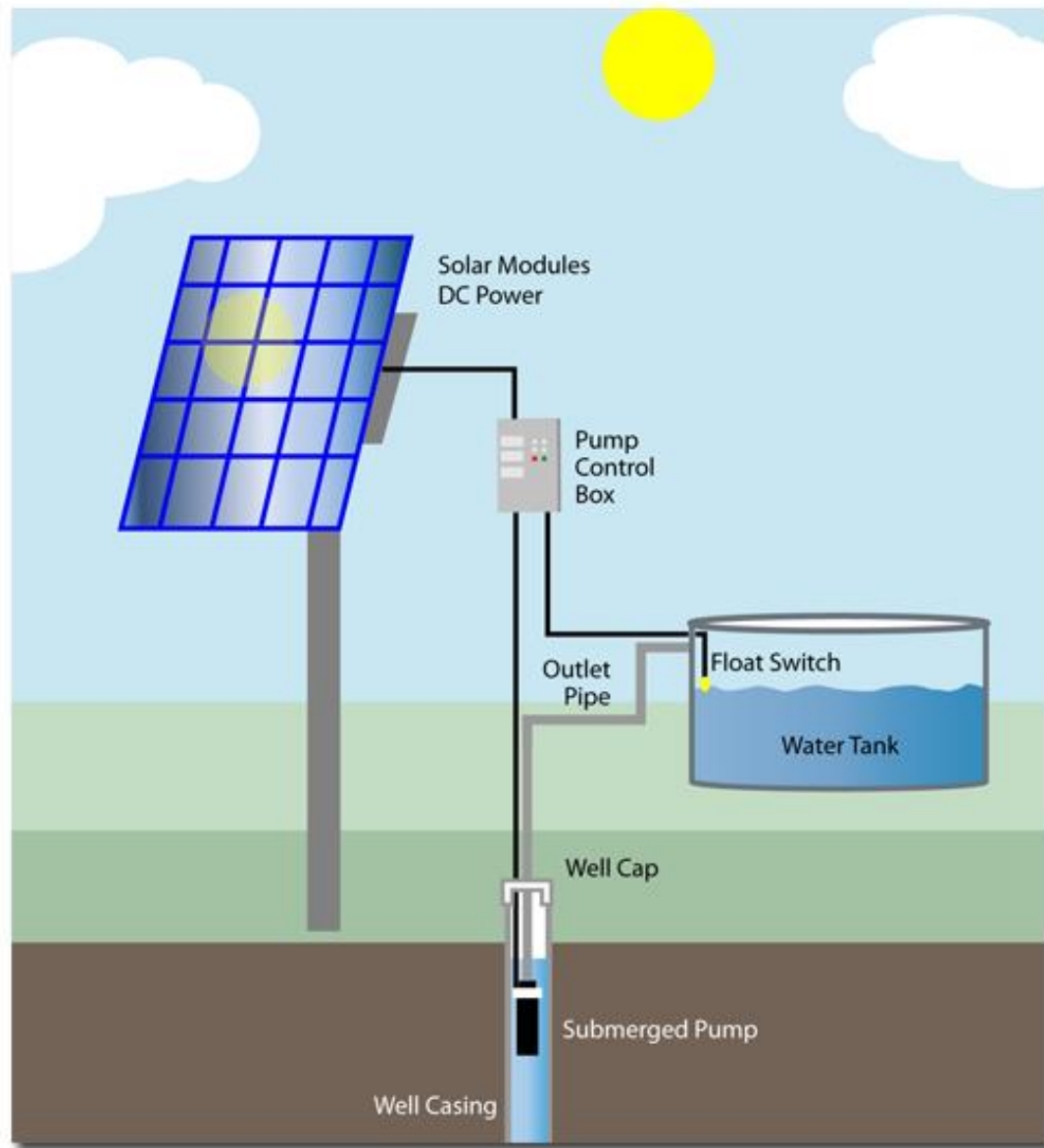
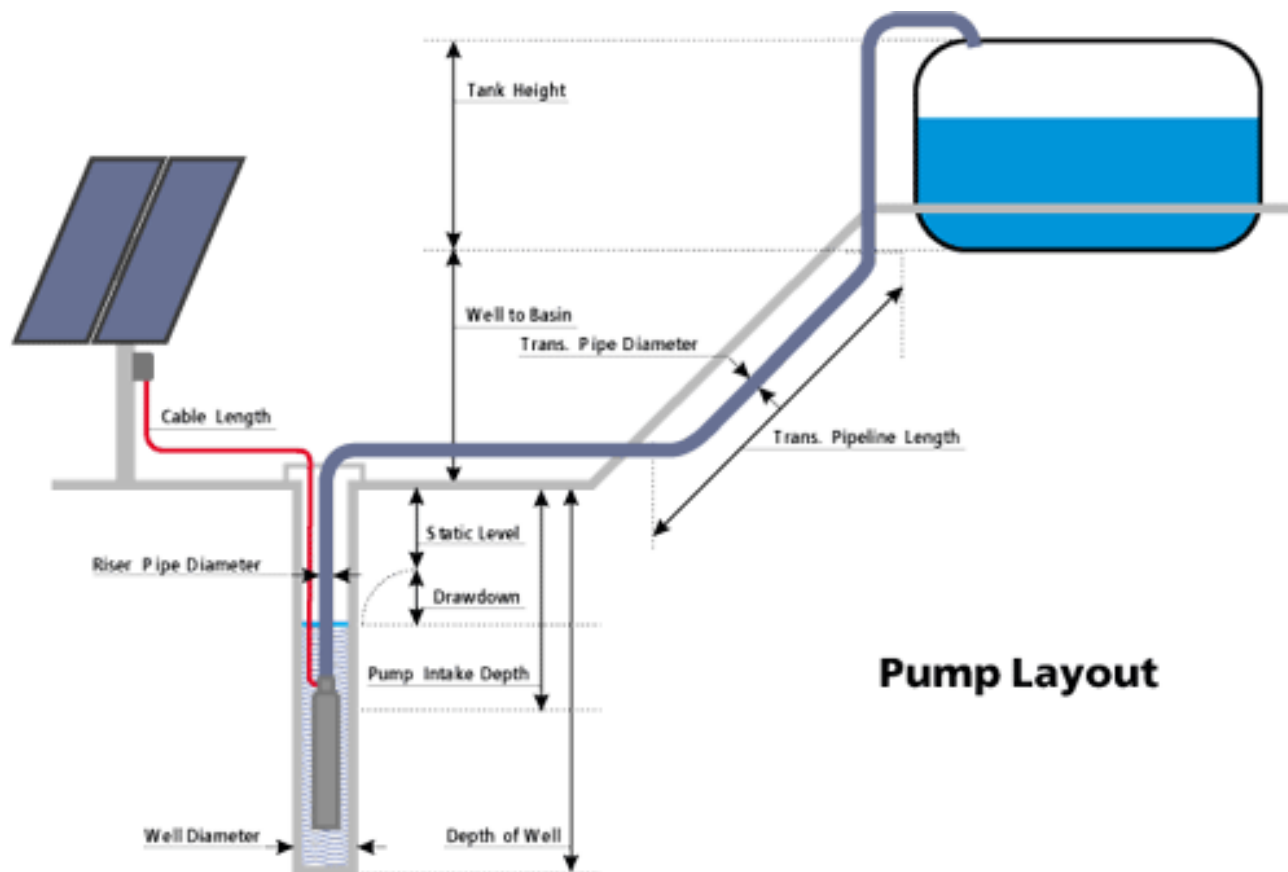




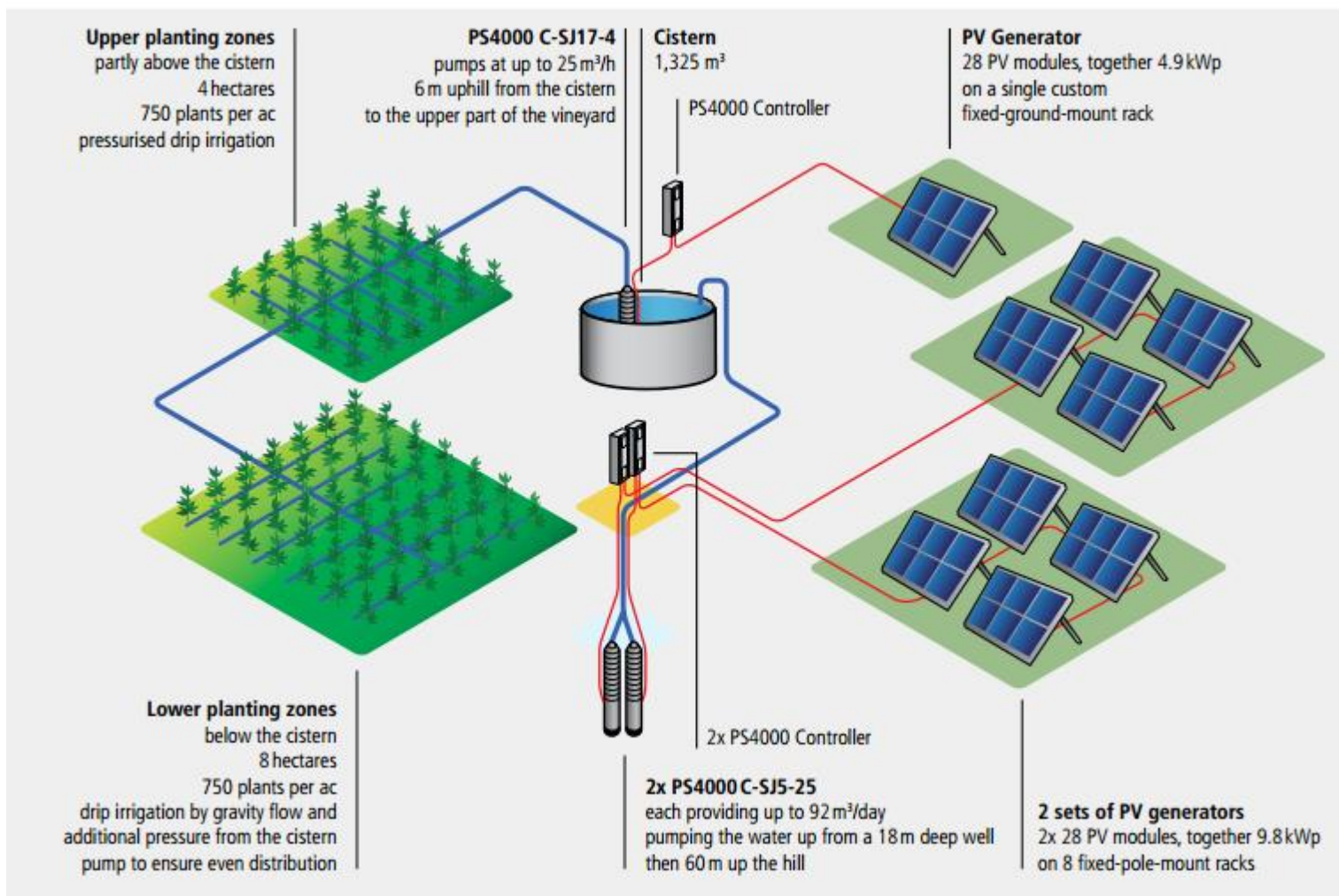
BOMBAS SOLARES E IRRIGAÇÃO

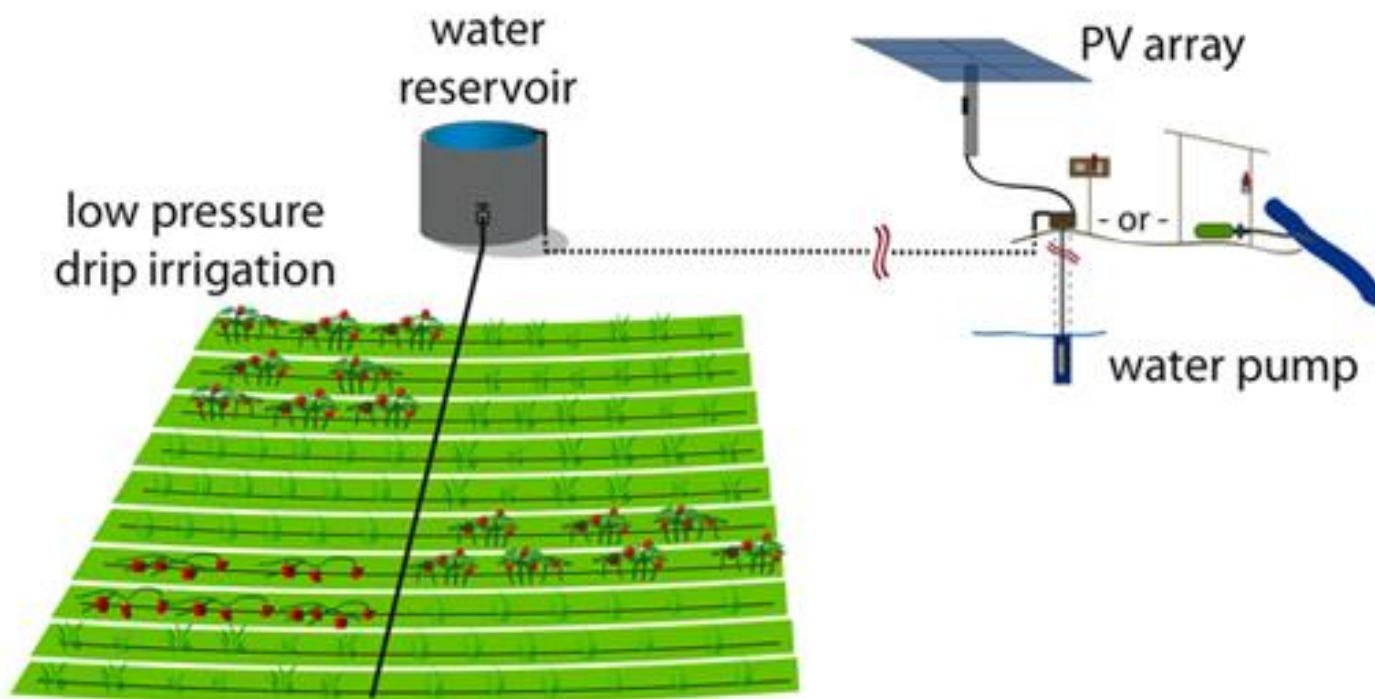


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BY THE NUMBERS

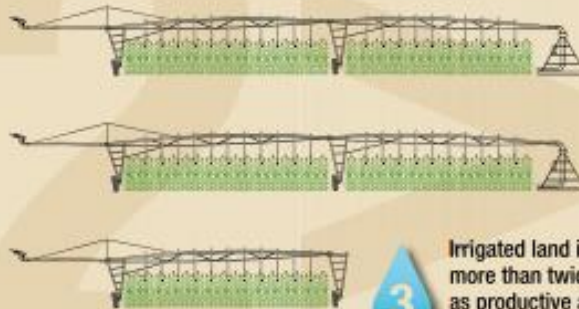
1

By 2050 the world population is expected to grow from 7 to 9 billion people



2

This growth will require a 70% increase in food production¹



3

Irrigated land is more than twice as productive as rain fed land²

5

Gravity irrigation uses up to 60% more water than pivot and lateral systems



4

70% of the fresh water we use globally goes toward irrigation – inefficient irrigation systems waste this precious resource



6

Percentage increase in yields with Lindsay's pivot and lateral systems (compared to non-irrigated fields)



1, 2 The Food and Agriculture Organization of the United Nations; 3 "Water Resources: Agricultural and Environmental Issues" BioScience.

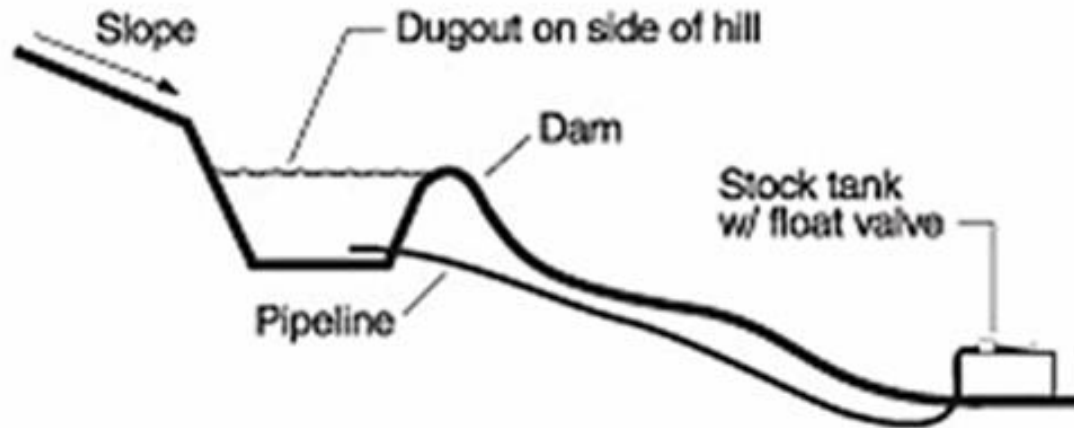


Figure 3. Gravity-fed system



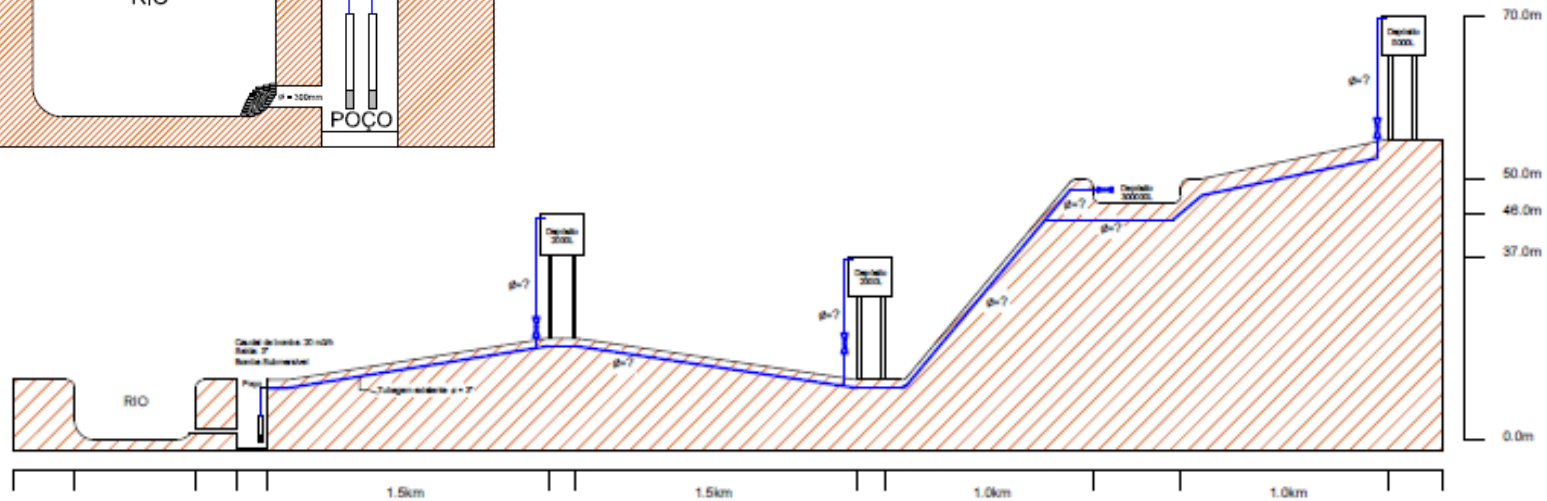
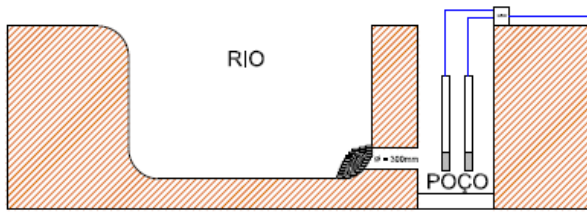
LPES Small Farms Fact Sheets

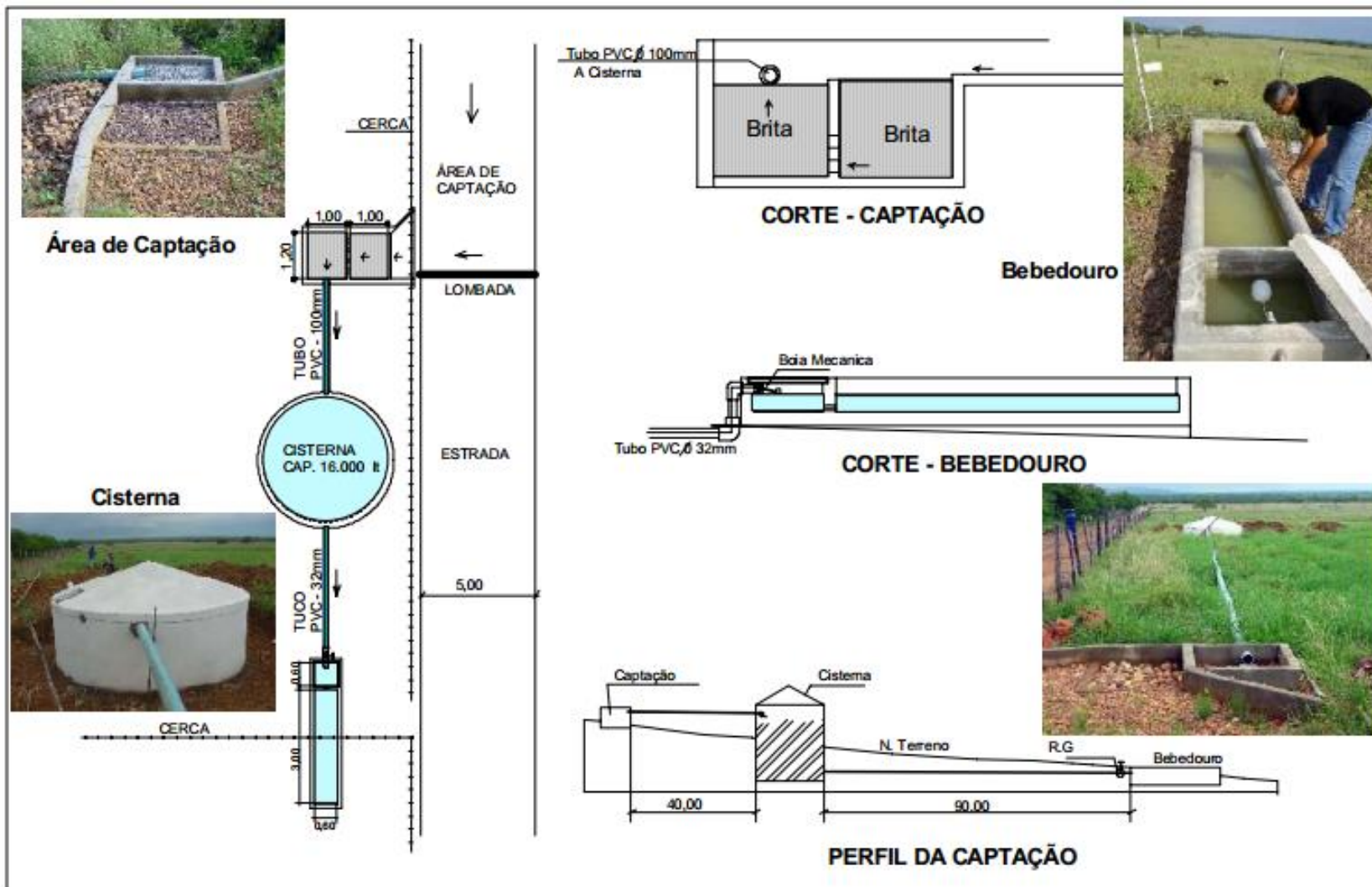
Points to Remember

- Farm animals need adequate clean water to ensure high production and good health.
- The location of water strongly influences where livestock graze and where their manure and urine are deposited.

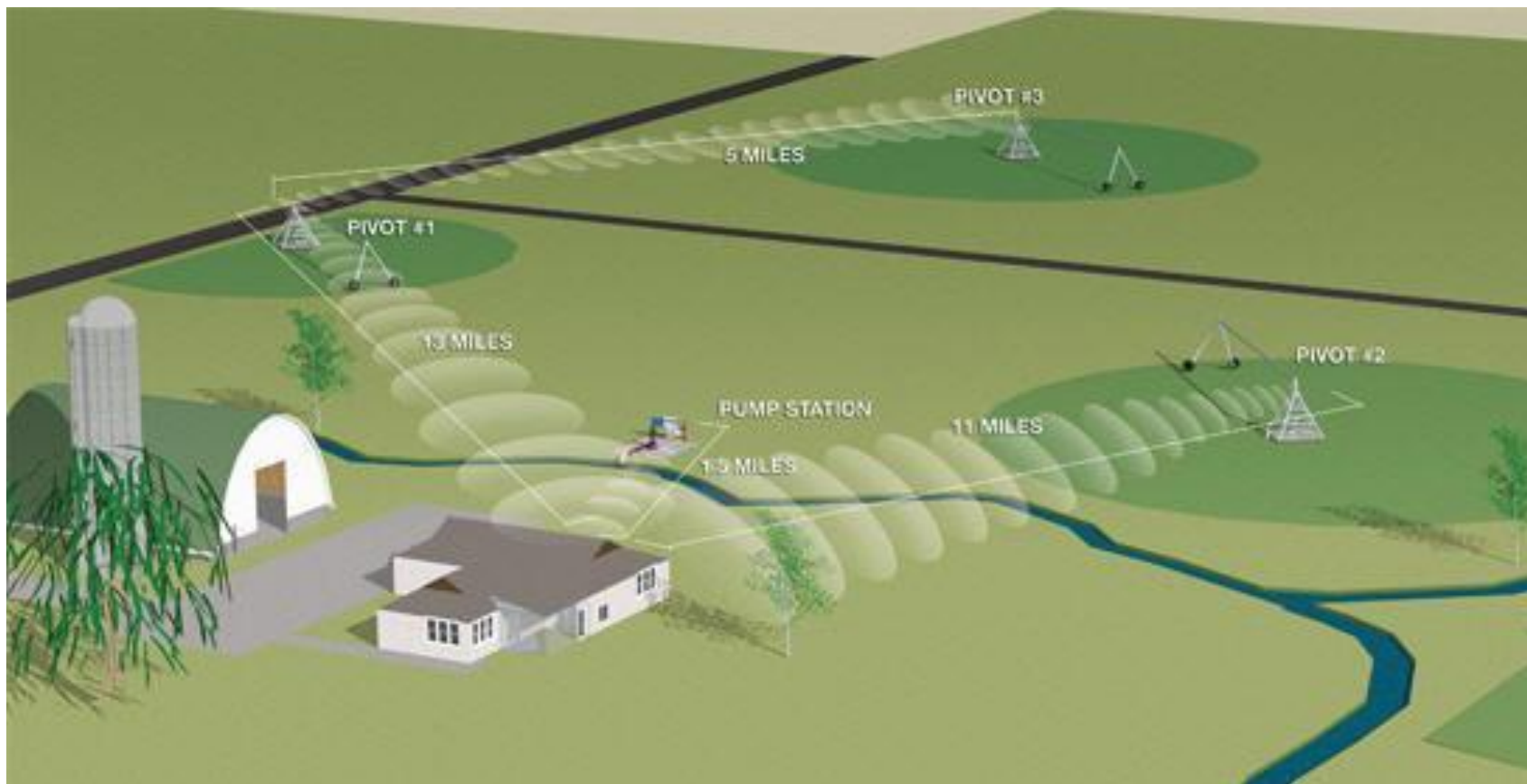
The ABCs of Watering Systems

- New equipment and new ideas have made moving water to grazing livestock much easier and less costly.
- Many watering system options are available. You may use different systems for different times of the year and/or different pastures.



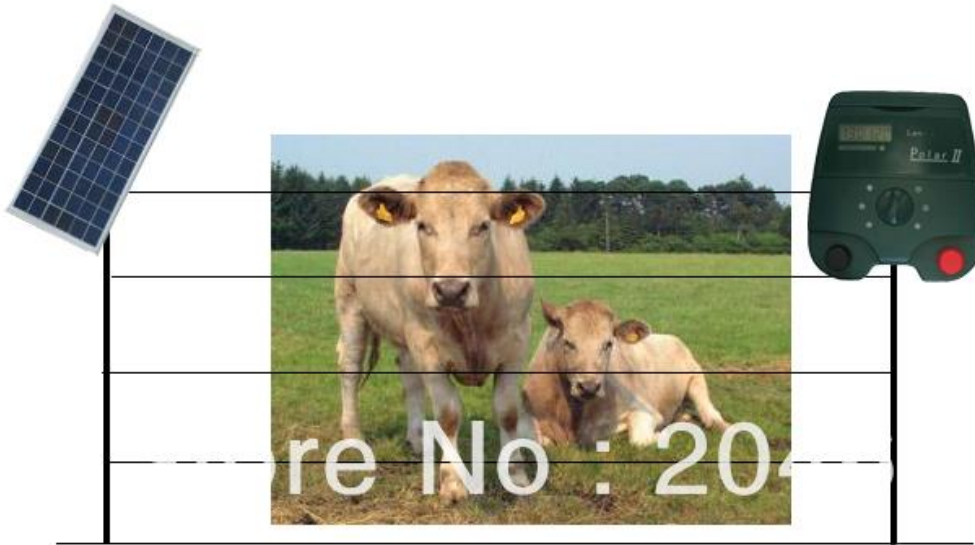








Solar cattle fencing



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