

SEKEM-Wahat Farm Training

- ❖ Introduction
- ❖ Challenges of the trip
- ❖ Possible solution



INTRODUCTION

- The aim of the trip
- Old Wahat farm
- New Wahat farm
- Biofertilizer preparation

THE CHALLENGES

- ❖ **Very long road – lack of emergency responses in case needed – Hard to be accessed by handicapped people**
- ❖ **Aeration -ventilation of the room are poor**
- ❖ **Fresh water is hard to access once we leave the main building**
- ❖ **Very high concentration of iron in the irrigation and drinking water, this iron concentration will severely damage the irrigation system and cut the shelf-life by half**

THE CHALLENGES

- ❖ **Transportation within the farm is very hard, only one car is available for all the farm demands (labor transportation – buying spare parts, food, water etc..)**
- ❖ **Improper storage of ironwood plantlets prior planting**
- ❖ **The irrigation system is not optimum in terms of transporting water and efficiency**

POSSIBLE SOLUTION

- ❖ **One mechanic and first aid expert should be with each trip**
- ❖ **More windows, electric fans if possible**
- ❖ **for the fresh water problem, cold-air on each Pivot with continuous supply of water that can be refilled from a filtration unit**
- ❖ **Building greenhouse at the old farm for make the shootlets homogeneous before planting and maintaining the ironwood plants**

POSSIBLE SOLUTION

- ❖ **Plant one Pivot of adequate feeding material for the cattle and sheep – intercropping between the empty spaces of palm trees and woody trees**
- ❖ **for the iron problem in water, we can search for a company that provides irrigation system that can handle high iron concentration**

Thank
you