

Implementation of Rapeseed oil Production Unit in Tunisia-TU-RAPS

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Introduction

Raps (*Brassica Napus*) is one of the new crops recently introduced in Tunisia due to its benefits, not only for Oil, animal feeding or as biodiesel but also for its adaption to climate change.

Among the locals, soybean oil is most popular for household consumption while palm oil is not well perceived by consumers and is generally limited to the food manufacturing sector.

As the country is not fully self-reliant on either of these two commodities, it mostly relies on imports and in order to ensure a sufficient local supply of edible oil, Tunisia has identified Rapeseed cultivation as a viable alternative...



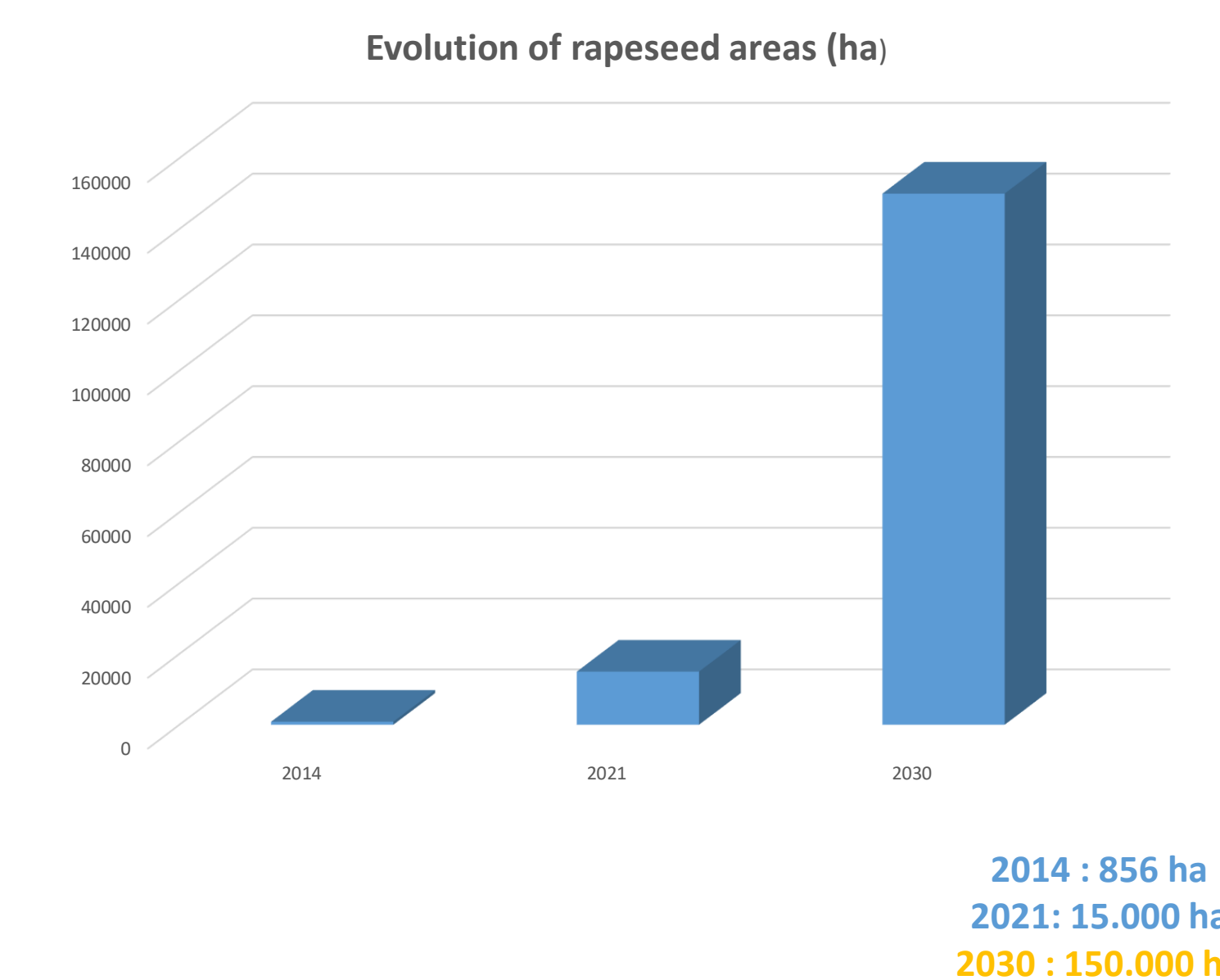
Action Plan

Groupe of Rapeseed Producers
45 farmers (Sotagri data)
Promesses

Total Land destined for sowing
500 ha

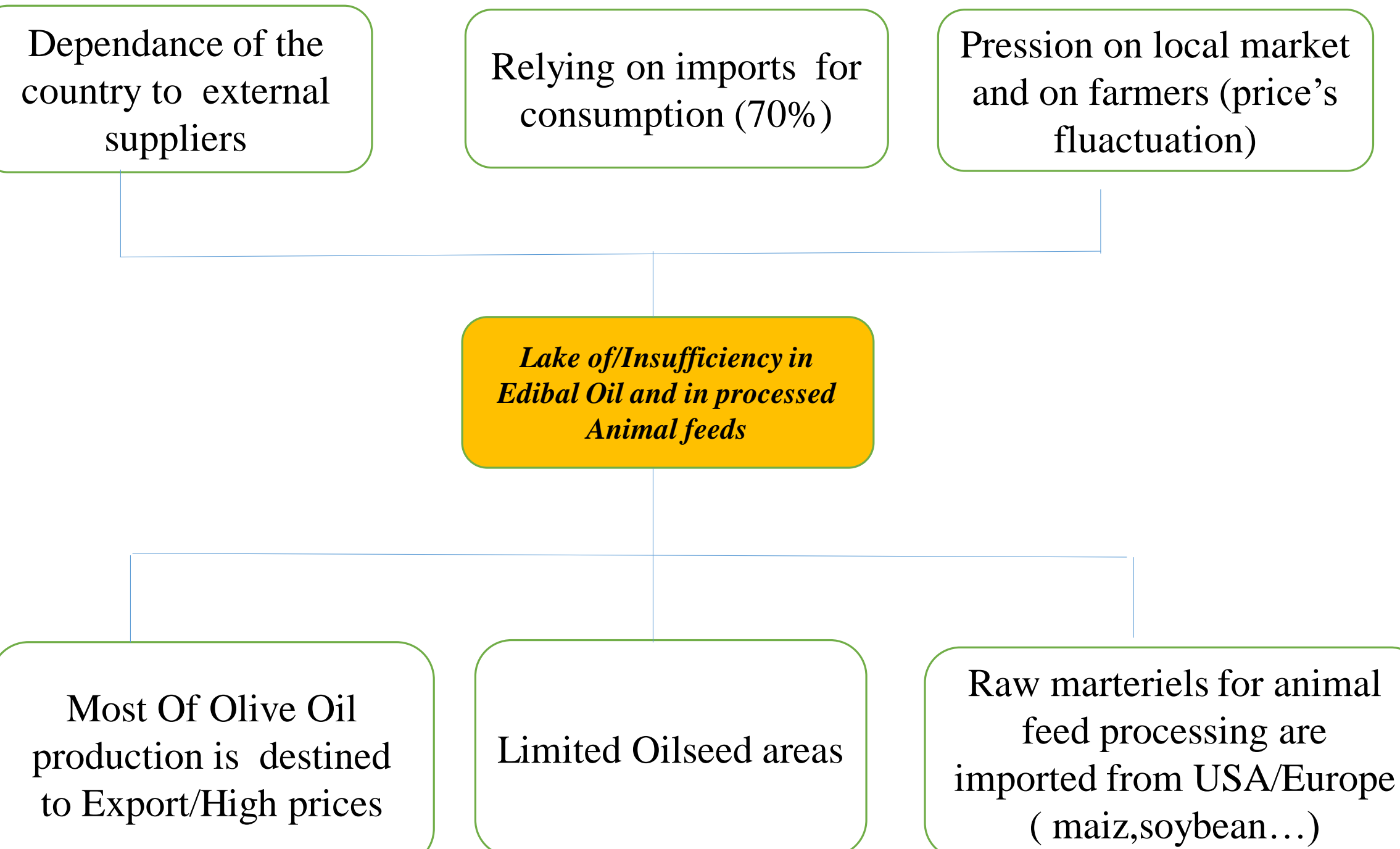
Estimated Harvest (Yield)
1000 Tonnes

Estimated Production
Oil 300 T
Cake 700 T



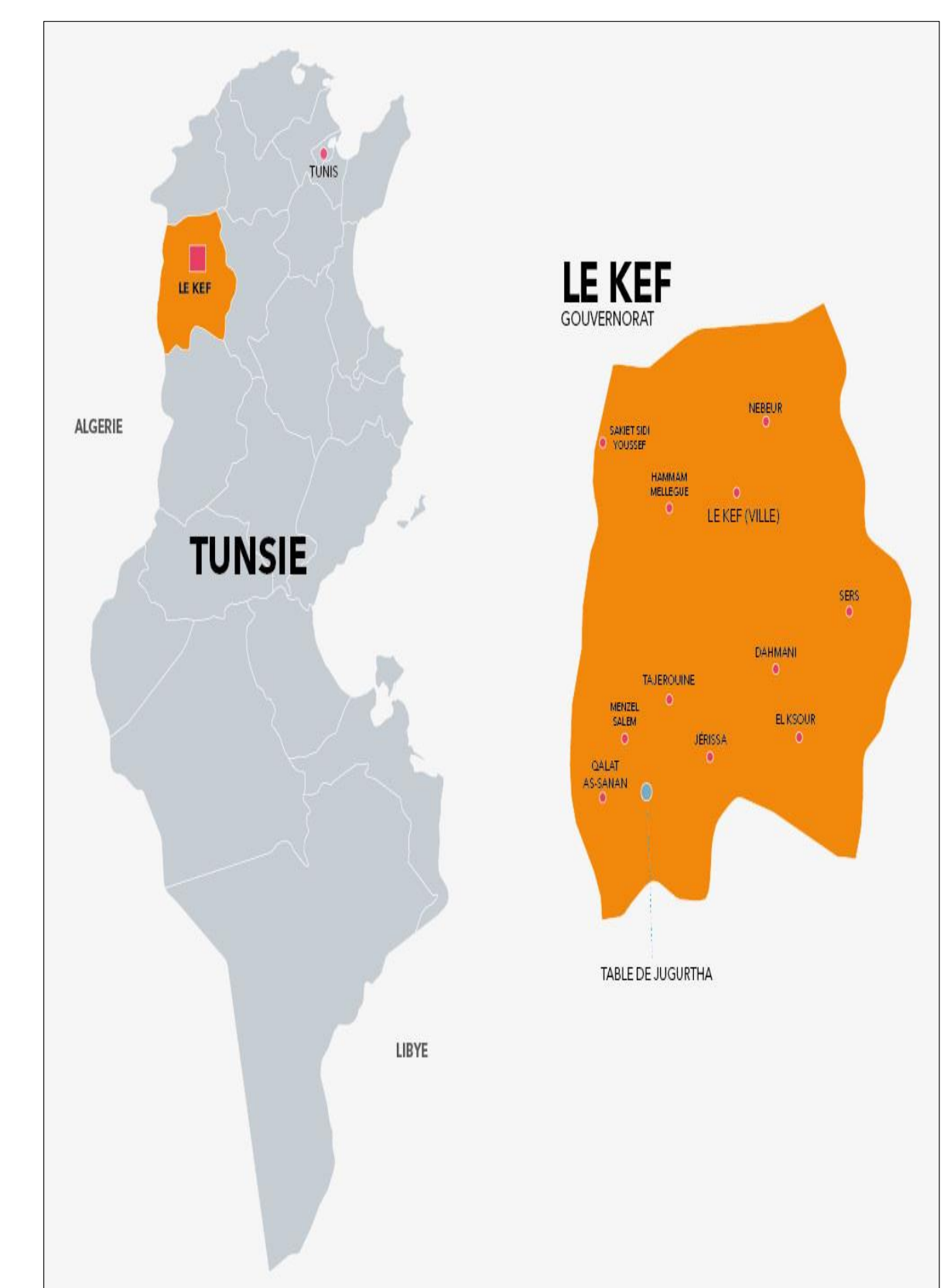
Tree Problem

Threatened food Security and animal production sector



Project Information

Implementation	Le Kef-Tunisia
Area	1 ha
Capacity	12-20T/Day
Investment costs (Equipements/construction...)	150.000 euro
Annual Turnover	740.000 euro



Costs/Revenues

Costs
Total fixed and variable costs: 550.000 Euro (Including :Raw materiel 75%, packaging 10% and marketing...)
Revenues
Oil revenue 2 euro/L = 600.000 Euro (80%)
Cake revenue 200 euro/T=140.000 Euro (20%)
Total revenues= 740.000 Euro



Outcomes

- ✓ Providing high quality rapeseed oil and high protein level cake.
- ✓ Ensuring good incomes for farmers and good economic activity in the oil sector in Tunisia.
- ✓ Creating a special environment for rapeseed producers in an organised way..
- ✓ Good revenues from oil and cake: economic profitability

Possible Risks

- Price fluctuation in the international market...
- Machinery high maintenance costs

Conclusion

Our project will meet the needs and guarantee an efficient exploitation of the rapeseed production by processing high quality rapeseed oil, managing the supply chain from farmers to consumers and will be part in the achievement of the desired goals in terms of Local market demand satisfaction and profitability...