

Project #195: Valorization of waste from the olive industry



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Description of the project



Integrated unit for the valorization of olive oil waste (including pomace, vegetable oil) with several potential outlets for energy recovery (dried pomace for biomass furnaces) and materials (e.g. soaps) or even compost.

HS Codes: NA



Highlights

- Olive production and olive oils in very strong growth under the impetus of the Green Morocco Plan with nearly 1 Mn Ha planted in recent years (more than 1.5 Mn T of olives produced in 2018).
- Important outlets for dried olive pomace (including biomass ovens - e.g. Renault Tangier - and cement kilns).



Complexity of the product²

Complexity Index (PCI)¹
Harvard Economic Complexity

-3.33 2.56

NA



Main inputs required

- ✓ Wet olive pomace (after crushing)
- ✓ Margines
- ✓ Other green waste



Main investment advantages

Grants

- ▶ ISTITMAR SME or VSE program, depending on the turnover

Potential land

- ▶ Agropolis
- ▶ Agropole of Beni Mellal
- ▶ PI Ain Cheggag

Training assistance

- ▶ IDMAJ" Program
- ▶ TAEHIL" Program

Funding

- ▶ Green Invest
- ▶ Mezzanine SME

Branch

Energy recovery

Sub-sector

Biomass



Financial indicators (estimated³)

Potential investment

(excluding land)

~5 - 10 Mn MAD for 40 - 50 kT

Potential turnover

~20 - 25 Mn MAD

EBIT

~25% - 35%



Market growth and size²

Worldtrade

Imports Morocco Exports Morocco (USD, Mn)
(USD, Mn) (USD, Mn)

NA

NA

NA

1. Product Complexity Index: Diversity and sophistication of the know-how required to produce a product. The ICP is calculated based on the number of countries producing the product and the economic complexity of those countries. The most complex products, those that only a few countries can produce, have the highest ICP (e.g. electronics, chemicals) vs. the least complex products (e.g. raw materials, agricultural products).

2. HS code: 'Economic complexity: NA / Office des Changes (Moroccan Imports & Exports) + Trademap (World export values):

3. Estimated figures from the perspectives of Moroccan experts and industrialists in these sectors. The financial indicators are provided for purely directional and informational purposes and do not constitute a form of commitment or guarantee.