Saharan Phosphate Infrastructure Investments
OCP Eurobond Issue through Irish Stock Exchange
2014

EU Investment Bank Loan to OCP
2012

KfW German state-owned Bank Loan to OCP
2014
MOSAIC co signs an Exclusive purchase memorandum with OCP in 2006.

Industrial Relocation for fertilizer production Europe to Morocco.

OCP Headquarters + Phosphate Rock Production Morocco.

Phosphate Rock Production OCP - Western Sahara.

FERTILIZANTES Heringer OCP Subsidiary.
10% stake acquired 2014.

OCP Eurobond Issue through Irish Stock Exchange 2014.

EU Investment Bank Loan to OCP 2012.

KfW German state-owned Bank Loan to OCP 2014.
Phosphate Rock

Production and Treatment Plant Diagram
Western Sahara 1960's

Exploration and mining section
source: ¡¡Sahara, sahara !! La aventura de los fosfatos. JM Rios, 1989
Phosphate Rock

Production and Treatment Plant Diagram
Western Sahara 1960's
Is a Phosphate a region?
Critique
Critique

Active OCP Mines

Phosphate Ports
Critique

Acidification, Ammonification Plants
River Transport

Phosphate Rock Exports

Active OCP Mines
Phosphate Ports
Critique

- Acidification, Ammonification Plants
- River Transport
- Phosphate Rock Exports
- Active OCP Mines
- Phosphate Ports
- Non-OCP and/or Inactive Mines
- Exploratory Mining
Critique

Acidification, Ammonification Plants

River Transport

Phosphate Rock Exports

Active OCP Mines

Phosphate Ports

Economic Land Allocation

Non-OCP and/or Inactive Mines

Exploratory Mining

Likely Route to Port
Alter-
Alter-
Is a pipeline the commons?
Critique

Jorf Lasfar
Phosphate acid and Fertilizer production port - under extension

Slurry Pipeline
Transports phosphate powder along 198km - since 2014

Khouribga mines
Phosphate extraction and washing plants - since 1921

Aït Messaoud Dam
Hydro-electric power production - since 2003
Critique

**Terres collectives enclosure**
14,800 ha enclosed for Phosphate industry by Moroccan State (2005-2013)
Critique

Food control
Moroccan government subsidizes commodities to prevent popular contestation
Critique

Hinterland migration
State investment mainly located on litoral concentrations forces population to migrate.
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01. Land enclosure

01.a. Creation of Pipeline District
01.b. Creation of Right of way easement for pipeline
01.c. Phosphate industry pays for enclosed terres collectives

> Mediated transference of Phosphate revenues
Alternative economy through food autonomy

02 Alter- Food control
02.a_ Redistribution of water and power resources
02.b_ Intensive agriculture for industrial food production
02.c_ Technology and know-how - in transition

> Alternative economy through food autonomy
03_Altér- Hinterland migration

03.a_ Creation of pipeline corridor
03.b_ Reinforcement of current roads
03.c_ Plan for places for education, healthcare, leisure

> Territorial vertebration for democracy
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Alter- urbanization