



# Country Report For The Hashemite Kingdom Of Jordan

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# Middle East



# General information

## Area

Total : 89.213 sq . Km

Land : 88.884 sq .Km

Water : 329 sq Km

## Population :

9 million

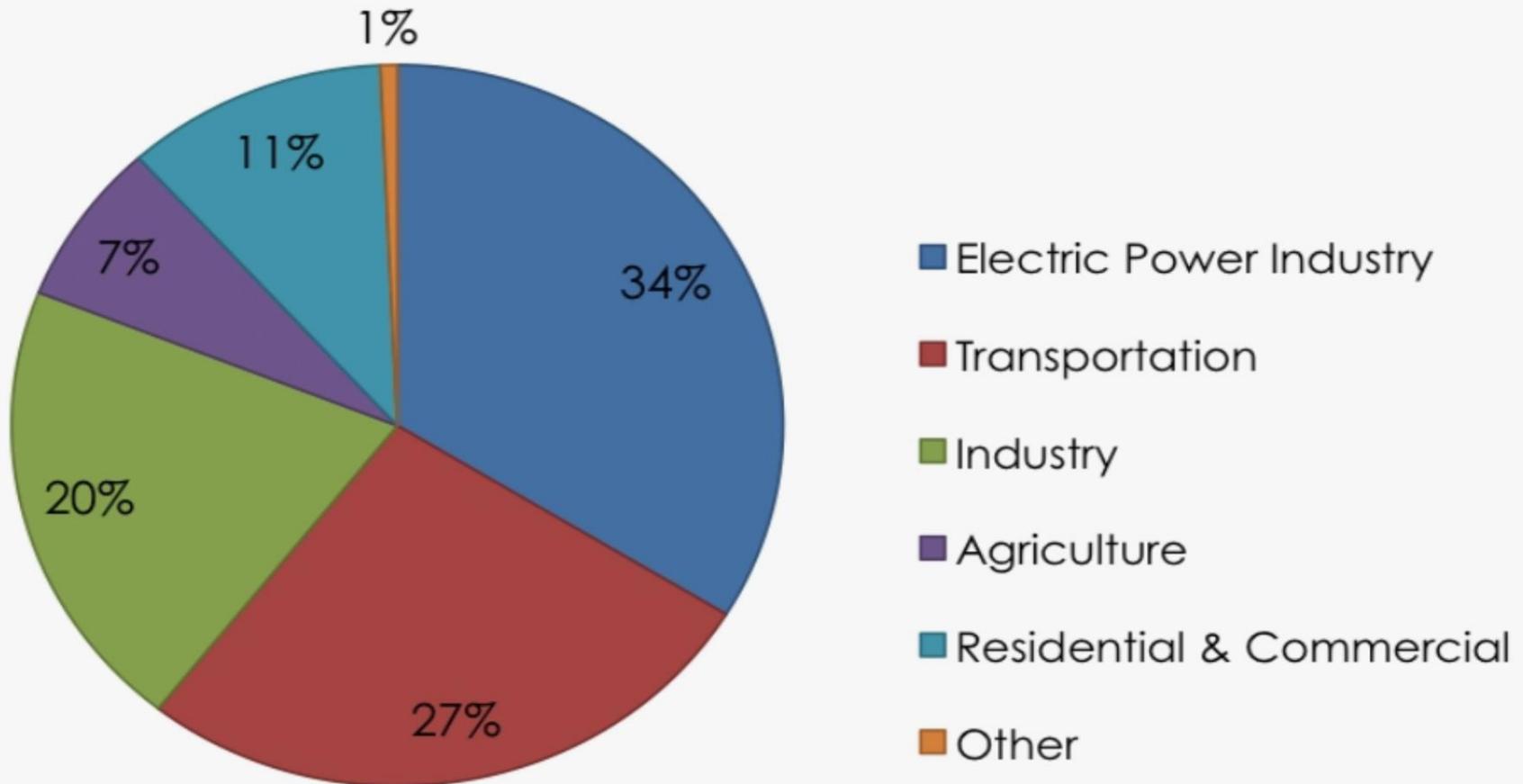
The capital city : Amman

Religion : Muslim 92 % , Christian 8%

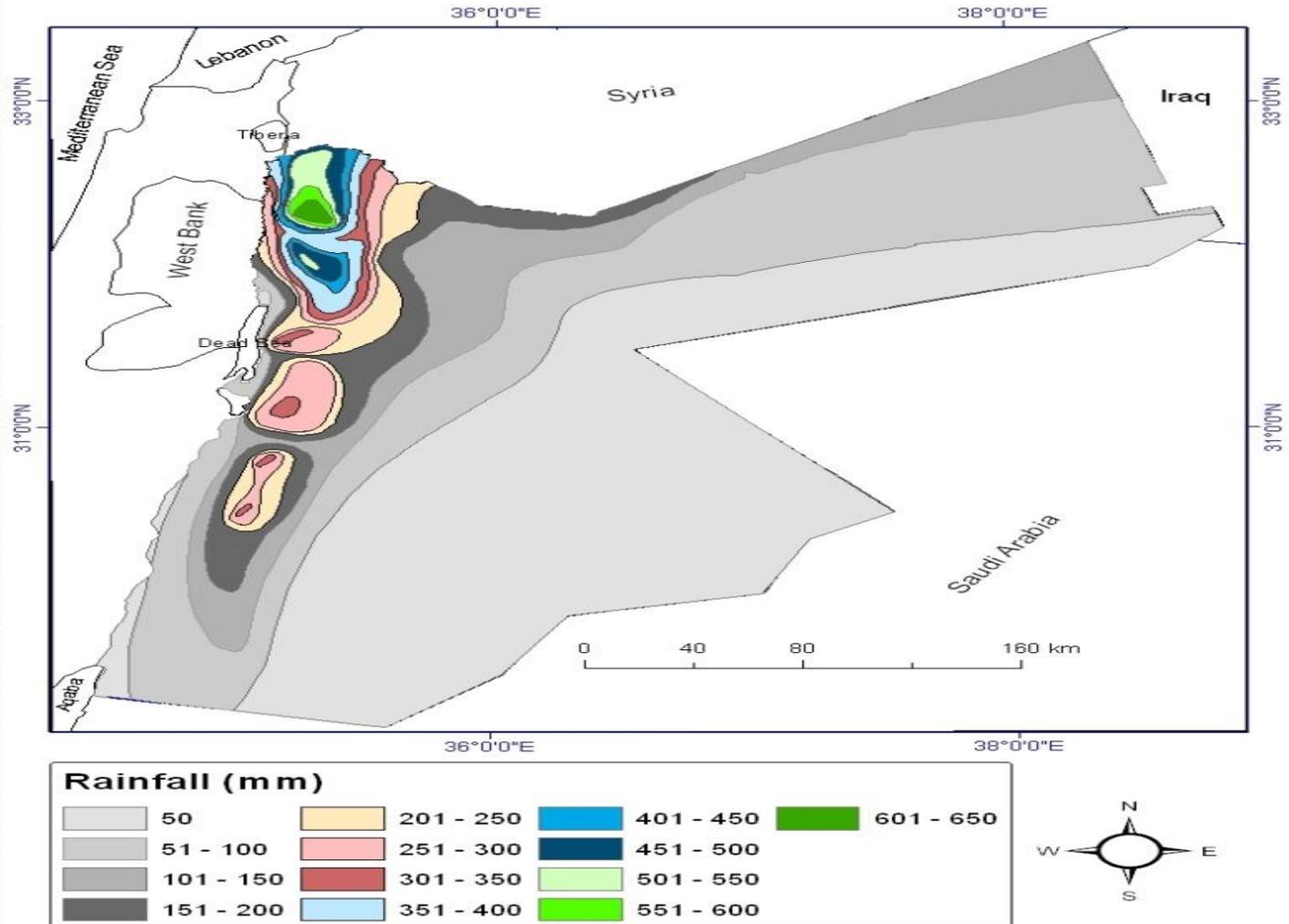
Currency : Jordan Dinar (JOD)

# Economy

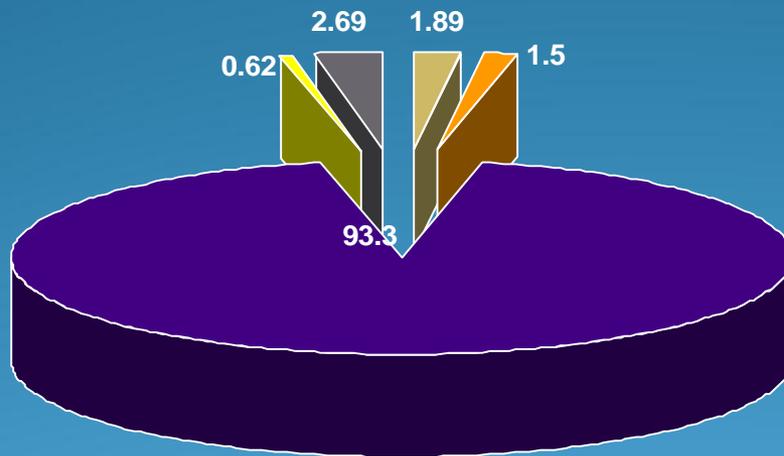
**U.S. GHG Emissions by Economic Sector, 2010**



# Climate & The rainfall



# Land use



■ Urban areas

■ Forests and reforestation

■ non-cultivated

■ Water surfaces (Dead Sea and Gulf of Aqaba)

■ Agricultural lands

# Desertification & dry





# Agricultural Technology In Jordan

# National Center For Agricultural Research & Extension





it was established in 1985.

Has More Than 20 Stations & Units  
In Jordan

The Purpose Of This Center Is To Pass.

The Technology From The World To  
Jordan & Use It In

Make Researches In Jordan.

Enlarge The Agricultural Area In The  
Desert

# Faculty Of Agricultural Technology Al-Blga University





It was established in 1997

The Purpose Of This Faculty Is To  
Support the Agriculture Sector By  
Engineers

# Agricultural Companies more than 30 Companies





# **Our Ambitious**

Passing Technology To Jordan

From

The Developed Countries

To Communicate With The

Universities & The Modern

Centers Around The World

# Three useful topic from Module 1

1. IPM
2. Virus management
3. Vegetable Grafting

# Development Action Planning (DAP)

## Vegetable Grafting: Tomato and Eggplant in Jordan



# Why choose this subject?

- Tomato is become first famous vegetable plan in Jordan. .1
- The type of soil in Jordan is sandy soil, meaning the plants can be get for many disease like Fusarium wilt , Bacterial wilt and Nematode.
- We used only drip irrigation in Jordan
- Jordan is from first to 10 country product tomato in the world.
- Large area to grow tomato in green house and open field

# Why choose this subject?

- Jordan Export vegetables nearly 500,000 ton/year, 70% is tomato.
- Grafting can improve production of tomato and reducing the use of pesticide.

**Objective of my DAP is to protected soil born disease in Jordan**

# How to make grafting between tomato and eggplant

-Why we do grafting?

- 1.To improve the product
- 2.To reduce/eliminate the need for pesticide use.
- 3.Flooding
- 4.Fusarium Wilt
- 5.Bacterial Wilt
6. Root knot nematode

# Grafting step by step

1. Choose healthy eggplant seedling as root stock.
2. Choose healthy tomato seedling as a scion.
3. Cut the eggplant about 30 degree angle above the coteledon



# Advise

- Need to prepare clean area
- Plant will be ready to graft after 17-21 days after sowing
- The best way to tell if your plants are the right size is to put a grafting clip on the stem of a seedling
- When it fit time of grafting.
- DO NOT SMOKE!!!!** During grafting due to a risk of tobacco mosaic virus.

# Advise

- You will need a healing chamber to protect the plant with humidity at 80-90 % and under low light.
- Watering the plants the day before grafting, not the day of grafting.
- Put grafted plant in dark area for 3-5 days.
- After that open for light with humidity about 3 days.
- Open the chamber for 2 days before move grafted plant to under shading.



Thank You

Agri – Eng : Hussan

Qatameen

# Welcome to Jordan

