

Climate-smart Public Financial Management MENA Conference

February 26–29, 2024
Cairo, Egypt





دائرة العطاءات الحكومية
Government Tenders Department

GREEN PUBLIC PROCUREMENT

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Government Tenders Department

(The Hashemite Kingdom of Jordan)



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Green Procurement in the Public Sector



Our Logo



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Green Procurement in the Government Procurement By Law No. 8 of 2022

- **Article (No.8):**
 - **In any procurement process, the following shall be taken into account:**
 - 1. Procurement of energy-efficient goods and works.**
 - 2. The use of renewable energy.**
 - 3. Reduce water consumption.**
 - 4. Reducing waste and promoting recycling.**

By Law No. 8 of 2022

- 5. Considering environmental, social, health, and safety aspects.**
- 6. Promoting economic development and ensuring the participation of SMEs based on principles approved by the Procurement Policy Committee.**
- 7. Giving preferences to local products or any other facilities specified by the Council of Ministers, provided that they meet procurement requirements.**

The Contribution of the Government Tenders Department to Green Procurement

- A committee was formed to prepare a green procurement policy paper as part of the Advancing green procurement project launched in Jordan in cooperation with the World Bank.
- In its main dimensions, the project contributes to sustainable development as an opportunity to direct public expenditures toward government goals.
- Incorporating green procurement concepts into tenders.

The percentage of green procurement in the tenders	Green procurement percentage of items in tenders
%60	%10



Green Public Procurement

- **GPP is an important mean of improving environmental performance in government entities and their local authorities and increasing their environmental efficiency .**
- **GPP has the potential to bring about economic change for three important reasons:**

The large size of the public sector as a consumer.

The numerous environmental impacts that consumer goods entail in the public sector.

The ability of the public sector to influence the supply of products and services due to its size.



The Benefits of Green Procurement for the Public Sector

1. Economic benefit.



Saving expenses during the product life cycle



Reducing external costs related to environmental and health damage

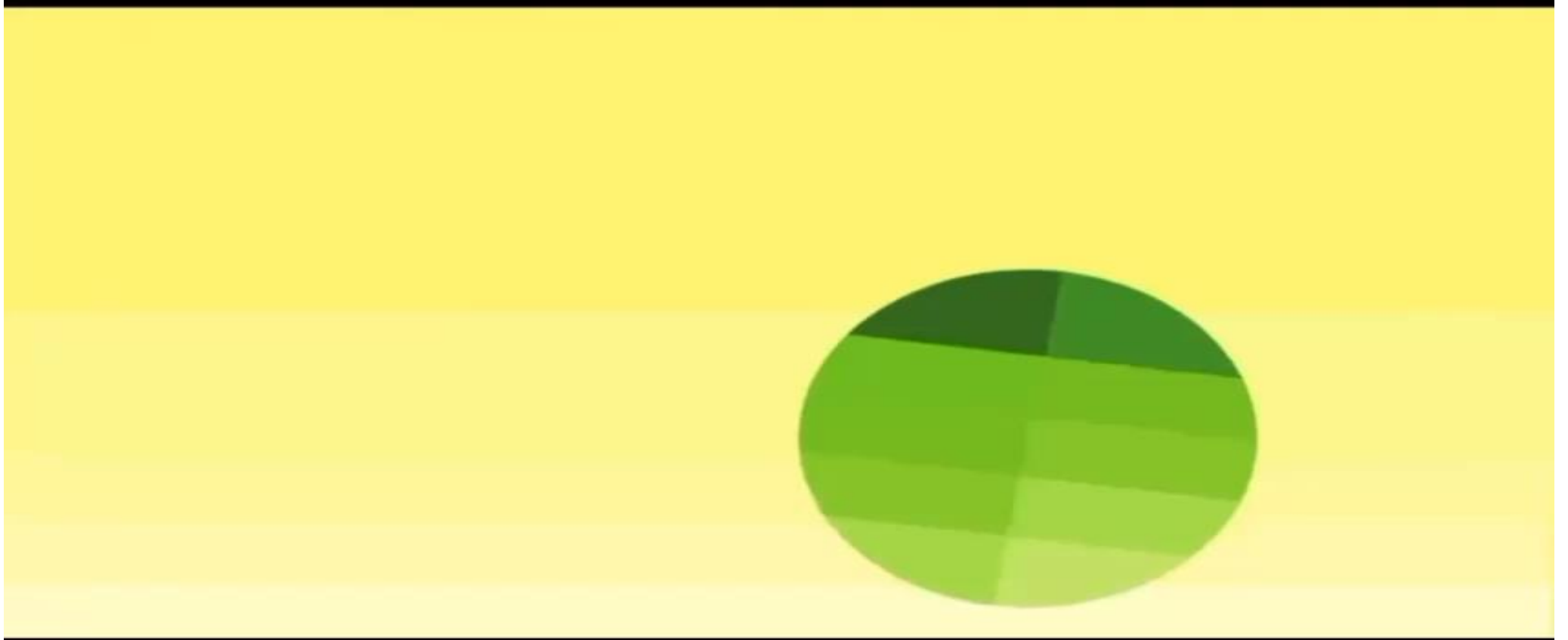


An impactful initiative that aids the underprivileged by mitigating environmental harm and water shortages



The Benefits of Green Procurement for the Public Sector

2. Environmental benefit:



Solar System in Jordan



Solar System in Jordan

- **Jordan is considered one of the leading countries in the field of solar harvesting and efficient energy production due to the high brightness, low humidity and the number of sunny days.**

- Experiencing nearly 330 days annually with an average of 8 hours of sunshine each day.

-Offering a chance to enhance reliance on solar power for electricity generation

-Thereby achieving energy security, reducing energy bills and preserving the environment.



Energy Efficiency Project in Public Buildings (EFPB program)

- The Energy Efficiency in Public Buildings project (EFPB program) aims to improve the energy efficiency of public buildings in Jordan for a group of ministries, including :

-Ministry of Education (including the Ministry of Education and its affiliated schools).

-Ministry of Health (Ministry of Health and affiliated hospitals and health centers).

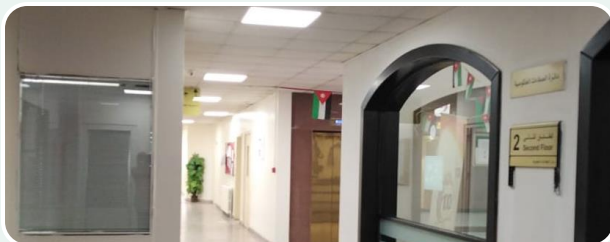
-Ministry of Public Works and Housing .

KFW funds the EFPB on behalf of the Federal Republic of Germany



Energy Efficiency Project in Public Buildings (EEPB program)

- The energy efficiency project at the Ministry of Public Works and Housing aims to reduce energy consumption in public buildings. The project includes:



Replacing the previous lighting with LED lamps.



Upgrading current air conditioners to inverter-type air conditioners



Installation of VRF air conditioning system.



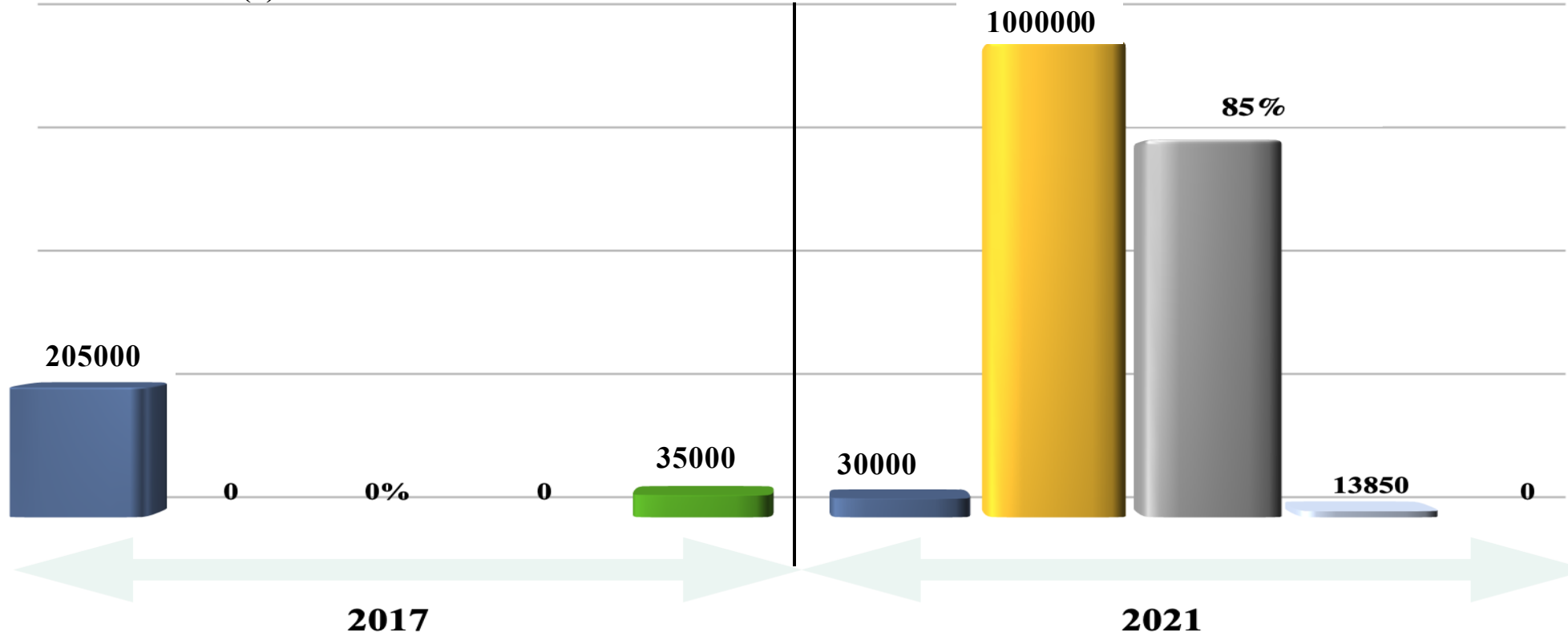
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Outputs of the Photovoltaic System in the Ministry of Public Works and Housing

- Total electricity bills (\$)
- Annual production rate (kW)
- Percentage of savings from electricity bills(%)
- Reduction of carbon dioxide emissions (tons)
- Diesel bills (\$)





Ma'an Solar Power Station

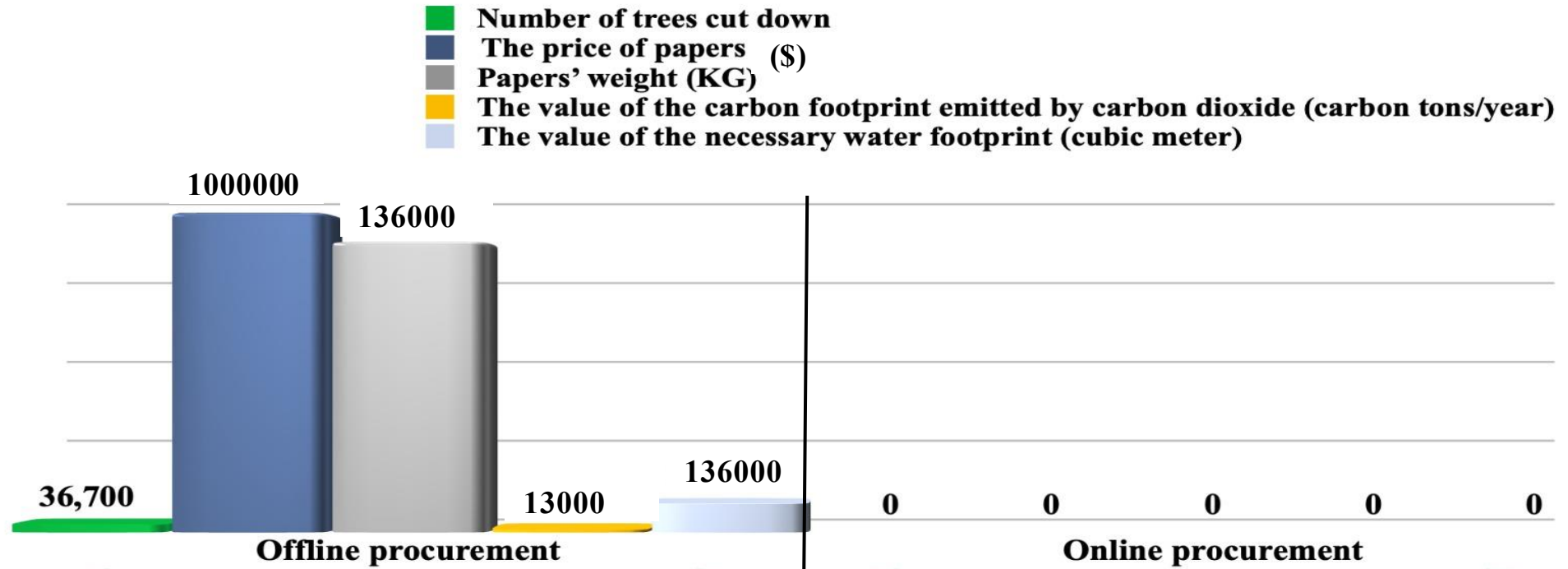
- **It is a photovoltaic power plant established in 2016 with a capacity of 160 MW in Ma'an governorate.**
- **The photovoltaic power plant is considered the second in the Middle East in terms of energy capacity.**
- **Equivalent to 1% of Jordan's current electricity production.**
- **This plant helps to reduce the emission of 90 thousand tons of carbon dioxide.**

Jordan University of Science and Technology

- Among the projects of the Government Tenders Department in 2020, the project of an electric power generation system using solar panels with a capacity of 20 MW was put forward to meet the needs of the University and its affiliated hospital. The estimated cost of this project is \$16 million, which is projected to be recovered through savings on annual electricity bills within two years of operation.

Saving Paper Consumption in the Government Tenders Department

The value of the actual total consumption before and after the application of the Jordanian electronic purchase system JONEPS



Conclusion

- **The government plays a significant role in promoting green procurement since they are large procurement bodies and can influence procurement trends across the economy by prioritizing environmentally friendly products.**



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THANK YOU

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