



BUILD_ME



Partnering with:



الجمعيّة العلميّة المملكيّة
Royal Scientific Society

BUILD_ME Factsheet Jordan: About the low-energy buildings sector

Updated: January 2021

Recent developments

- Jordan signed two MOUs with Kingdom of Saudi Arabia and Iraq for electricity grid interconnection in August and September 2020 respectively.
- Jordan MEMR¹ is updating the energy efficiency By-Law and Energy Efficiency Road Map in Jordan; has issued the Jordan Energy Strategy 2020-2030 with vision towards 2050; and is finalizing the third NEEAP² for 2021-2024.
- COVID-19 slowed down economic activity and electricity demand: all wheeling solar projects were curtailed during lockdown.

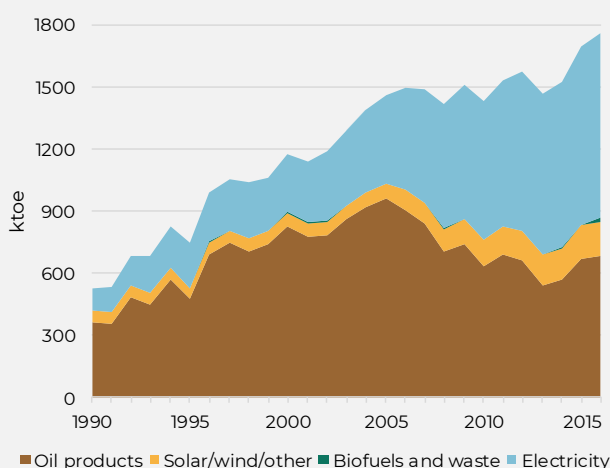
Macro-Economic Indicators

10.8 M	Inhabitants (2021) ³
4,41 k\$	GDP per capita (2019) ⁴
2.07%	Average inflation rate (2020) ⁵
0.23\$/kWh	Average electricity price (2020) ⁵
7.5%	Household interest rate (2020) ⁶

Building Sector

-14.4%	New construction rate – Residential (2020) ³
782.5 \$ /m²	Average cost of new construction (urban multi-family houses) (2020) ⁷
506,458 / 288,491	Number of single/multi-family households (2015) ³
61.25 TJ	Energy consumption of the building sector (2018) ⁵
35%/62%	Dwelling ownership structure: Rented/owned (2017) ⁸

Final Energy Consumption of the Building Sector



Source: IEA World Energy Balance 2018

Typical Energy Efficiency Measures

Residential

- 1) Double Wall & Double Glazing
- 2) LED Lighting
- 3) Solar Water Heater and PVs

Non-residential

- 1) Double Wall & Double Glazing
- 2) LED Lighting
- 3) VRF HVAC systems
- 4) PV Systems

To download this factsheet and find out more about the BUILD_ME project, visit www.buildings-mena.com.



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BUILD_ME Factsheet Jordan: Project Activities

Last updated: January 2021

CLIENT: International Climate Initiative funded by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)

DURATION: 2016 - 2021

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www.buildings-mena.com

BUILD_ME highlights in Jordan from the second half of 2020:

- Final report on the analysis of the status quo of the energy efficiency building codes prepared including experts interviews; Jordan building typology and new construction baseline prepared
- Support to pilot projects commenced

Policy Recommendations

- Review and simplify the building and energy efficiency codes
- Raise the municipalities' awareness of the existing energy efficiency incentives in the Jordan Green Building Guide
- Raise awareness of end users on the social, economic and environmental benefits of energy efficient and renewable energy solutions

First supported pilot project –completed:
KONN Technologies



Tools

- Use BEP tool to calculate energy benchmarks for new constructions in Jordan
- Published building typology for Jordan with energy performance reference values
- The demonstration projects database currently includes a number of projects from Jordan. To add your own project, check out the project website [here](#).

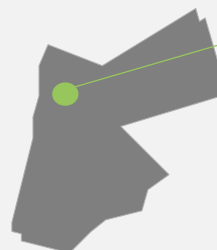
Dissemination & Trainings

Two online seminars:

- 3 November: *Understanding the Context and Barriers in Egypt, Jordan, and Lebanon*. See more [here](#).
- 26 November: *Tools to mobilise financing and accelerate energy efficiency*. See more [here](#).

Pilot Projects

- Three pilot projects selected based on the evaluation of an initial list of potential projects
- BUILD_ME team started providing demand-driven technical assistance to project developers.



Amman

- KONN Project
- Saffiti, single family house
- Dar Al-Oqoud, single family house

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