



BUILD_ME



Partnering with:



الجمعيّة العلميّة المملكيّة
Royal Scientific Society

BUILD_ME Factsheet Jordan: About the low-energy buildings sector

Updated: June 2020

Recent developments

- Jordan Ministry of Energy and Mineral Resources (MEMR) 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 finalising the third National Energy Efficiency Action Plan (NEEAP) for 2021-2024.
- COVID-19 slowed down economic activity and electricity demand: all wheeling solar projects were curtailed during lockdown.
- MEMR cancelled the tender for the first planned electrical storage project for renewable energy in Jordan of 30MW/60MWh capacity.

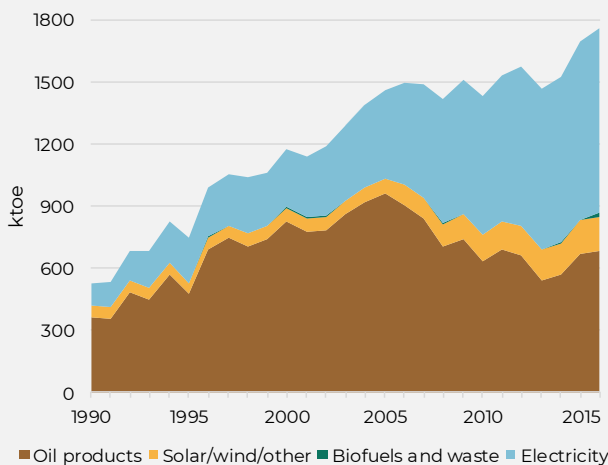
Macro-Economic Indicators

10.6 M	Inhabitants (2020) ¹
4,24 k\$	GDP per capita (2018) ²
2.07%	Average inflation rate (2020) ¹
0.23\$/ kWh	Average electricity price (2020) ³
7.5%	Household interest rate (2020) ⁵

Building Sector

-33%	New construction rate – Residential (2019) ¹
782.5 \$ /m²	Average cost of new construction (urban multi-family houses) (2020) ⁶
506,458/ 288,491	Number of single/multi-family households (2015) ¹
61.25 TJ	Energy consumption of the building sector (2018) ³
35%/62%	Dwelling ownership structure: Rented/owned (2017) ⁴

Final Energy Consumption of the Building Sector



Source: IEA World Energy Balances 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.



BUILD_ME



Partnering with:



الجمعية العلمية الملكية
Royal Scientific Society

BUILD_ME Factsheet Jordan: Project Activities

Last updated: June 2020

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

DURATION: 2016 - 2021

CONTACT

BUILD_ME@guidehouse.com
rssinfo@rss.jo
www.buildings-mena.com

Check us out on
the web:

www.buildings-mena.com

BUILD_ME highlights in Jordan from the first half of 2020:

- The first national workshop with around 50 participants
- Draft report on the energy efficiency building codes prepared
- Meetings with the key governmental stakeholders in Amman
- 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

Phase II kick-off workshop in Amman on 21 January



Tools

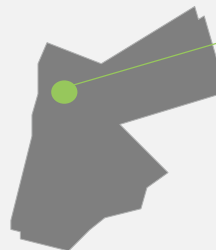
- Use BEP tool to calculate energy benchmarks for new constructions in Jordan
- Prepared building typology for Jordan with energy performance reference values
- The demonstration projects database currently includes a project from Jordan. To add your own project, check out the project website [here](#).

Dissemination & Trainings

- Participants in first national workshop included ministries, project developers, NGOs, industry and FI representatives
- Project team met with more than eight project developers in a small roundtable meetings

Pilot Projects

- Two 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

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