



**INDUSTRIAL
ENERGY
ACCELERATOR**
MOROCCO



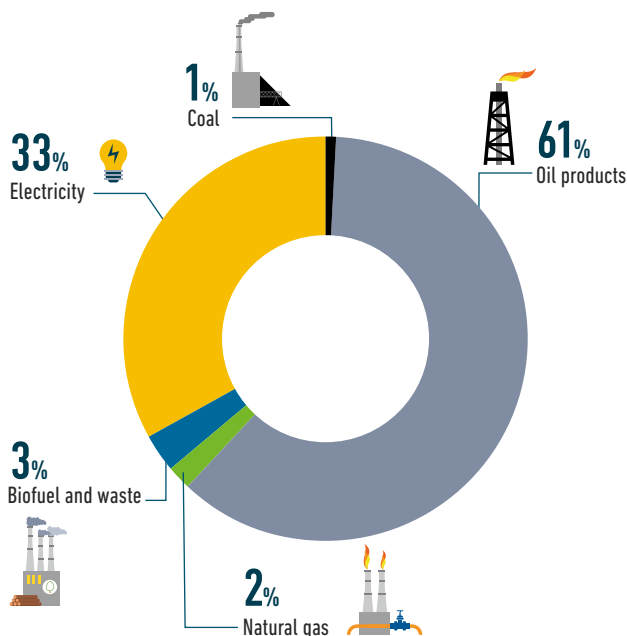
June 2019

A nation on the frontlines of climate change, Morocco looks to further reduce its emissions with industrial energy efficiency

As the only North African country without major fossil fuel reserves, Morocco imports more than 90 per cent of its energy needs. Therefore, the country is taking bold steps to ensure it can power its growing economy long into the future. Aside from efforts to diversify the nation's energy base through renewable sources, the Government of Morocco has its sights set on significantly reducing energy use before 2030.

Industrial energy efficiency not only presents Morocco with an opportunity to save on its energy bill, it's a critical move which will help to safeguard jobs and mitigate the volatile impacts of climate change.

Industrial final energy consumption in Morocco, 2016



Source: IEA World Energy Balances 2018

FAST FACTS

Population: 36.5 million people.

National energy mix

Morocco heavily relies on imported fossil fuel to meet its energy demand. In 2016, Morocco's primary energy consumption comprised of 63 per cent of oil, followed by coal at 23 per cent¹.

The industrial sector and the economy

Industry employs almost a quarter of the country's workforce and contributes to around 30 per cent of the nation's GDP, which equated to USD 30 billion in 2017.

Industrial energy growth

Industrial energy consumption accounts for 21 per cent of the country's overall energy use and has grown consistently over the last few years sustaining a growth rate on average of 4.38 per cent per annum.

Industrial energy policy

Through its National Energy Strategy, the Government of Morocco aims to achieve 15 per cent in energy savings by 2030, half of which is expected to come from industrial sector. Alongside its Nationally Determined Contributions, which include specific commitments to improve industrial energy efficiency, the Government has also drafted a decree requiring energy-intensive industries that do not have an energy management system in place to undergo mandatory energy audits.

Accelerating industrial energy efficiency in Morocco

While some advances have been made, vast amounts of untapped energy savings potential still exist in Morocco's industrial sectors. Barriers to realizing this potential include a general lack of awareness about energy efficiency, as well as limited capacity to formulate and implement industrial energy efficiency measures and limited regulatory oversight.

¹ www.iea.org/statistics/?country=MOROCCO&year=2016&category=Energy%20supply&indicator=TPESbySource&mode=chart&dataTable=BALANCES



CAPACITY BUILDING

Roll out of the ISO 50001 Energy Management System

The Accelerator is working to inspire the increased uptake of industrial energy efficiency. This includes technical assistance and support for the implementation of an Energy Management System (EnMS) in line with the ISO 50001 standard, an international certification and framework designed to help organizations reduce energy costs, comply with legislation, boost productivity and limit their impact on the environment.

Specifically, the Accelerator's work in Morocco consists of:

- A series of in-person training sessions, led by international ISO 50001 experts, on the process and methodology of implementing the ISO 50001 compliant energy management system.
- Factory visits and individual mentorship where industry stakeholders are provided with the tools, templates and methodologies for the implementation of ISO 50001 standard.
- Assistance with the development of energy management documentation and coaching on an individual company basis.

Project partners and steering committee members

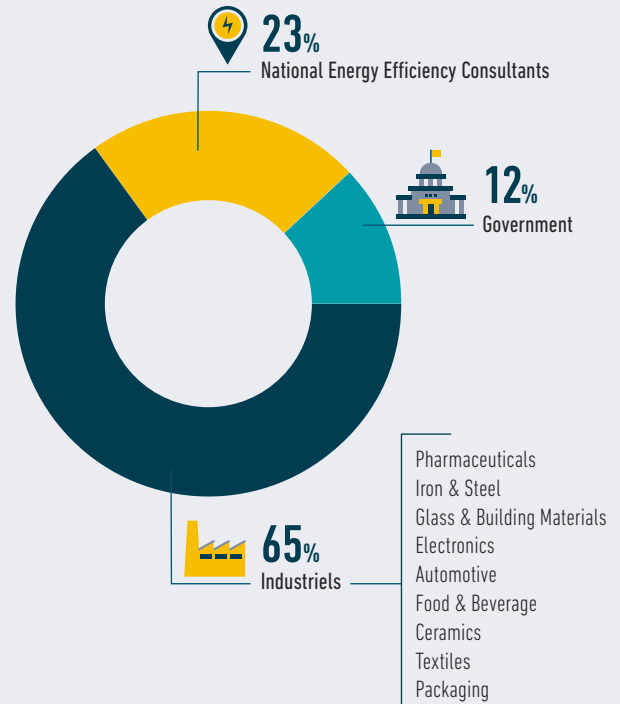
The Ministry of Energy, Mines and Sustainable Development

The Ministry of Industry, Investment, Trade and Digital Economy

The Moroccan Agency for Energy Efficiency (AMEE)

The Confederation of Moroccan Employers (CGEM)

Stakeholders participating in the program



Project Timeline

2018

Project launched, steering committee formed. Country assessment completed.

End of 2018

20 industries and 15 energy efficiency consultants enrolled in the ISO 50001/ EnMS capacity building programme.

2019

Four modules of ISO 50001/ EnMS implementation training delivered to participating industry representatives and energy efficiency consultants.

End of 2019

Certificate awarding ceremony and national workshop to discuss the results and share experience.

2020

National funding campaign implemented to scale-up ISO 50001/ EnMS adoption in Moroccan industries.

CONTACT

Since its launch, the Accelerator has engaged dozens of critical actors on the road to energy efficiency. For more information on how your organization can support and join the movement contact the Accelerator's Morocco project coordinator, Nurzat Myrsalieva: n.myrsalieva@unido.org

To find out more about the Industrial Energy Accelerator contact our global project manager, Rana Ghoneim: R.Ghoneim@unido.org

About the Industrial Energy Accelerator

In partnership with key government agencies and industry stakeholders, the Industrial Energy Accelerator works on the ground to rally government, industry and finance around solutions that ignite change in energy-intensive industries. We then take our knowledge and experience to the world, sharing what we have learned to inspire a global movement for industrial energy efficiency.



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