The Energy Efficiency Movement

We bring like-minded stakeholders together to work toward a more energy-efficient world

Source: Population | United Nation

Earth will have close to 10 billion inhabitants by 2050[1].
We need to produce more with less.

[1] United Nations: https://www.un.org/en/global-issues/population

Reaching Net Zero by 2050

What will it take?

To align with the International Energy Agency's Net Zero Scenario, we must double efficiency improvement to above 4% per annum by 2030.

Achieving a doubling in the rate of progress will require a tripling in annual efficiency-related investment, from USD 600 billion today to USD 1.8 trillion by 2030.

As it accounts for over 40% of electricity demand and approximately one-third of global carbon dioxide (CO_2) emissions, the industrial sector must play its part.

Source: IEA Data

Our Mission

The Energy Efficiency Movement promotes the use of energy-efficient solutions and technologies to save energy, reduce costs and draw down CO_2 emissions. We serve as the "voice of industry" on energy efficiency, representing the private sector to investors, public sector decision-makers, academia, non-governmental organizations and civil society.

Who We Are

We are a global movement of stakeholders and thought leaders bringing relevant domain expertise to support the energy transition.

We address the "how" of energy efficiency, accelerating time to value in the implementation of energy efficiency measures.

We represent a knowledge-sharing platform, serving as a global voice of industry – unbiased, nonpolitical, supporting a 360-degree view of complex issues.

We provide energy efficiency proof points for decision-makers to showcase available technology solutions and their potential.

What We Do

Educate: through collaboration, knowledge-sharing and orchestrating dialogue among key stakeholders, accelerate the global energy transition

Apply: by scaling innovations and best practices based on the "first fuel" principle, contribute to a tripling of annual efficiency-related investments by 2030

Get recognized as a Thought Leader and be part of a positive change

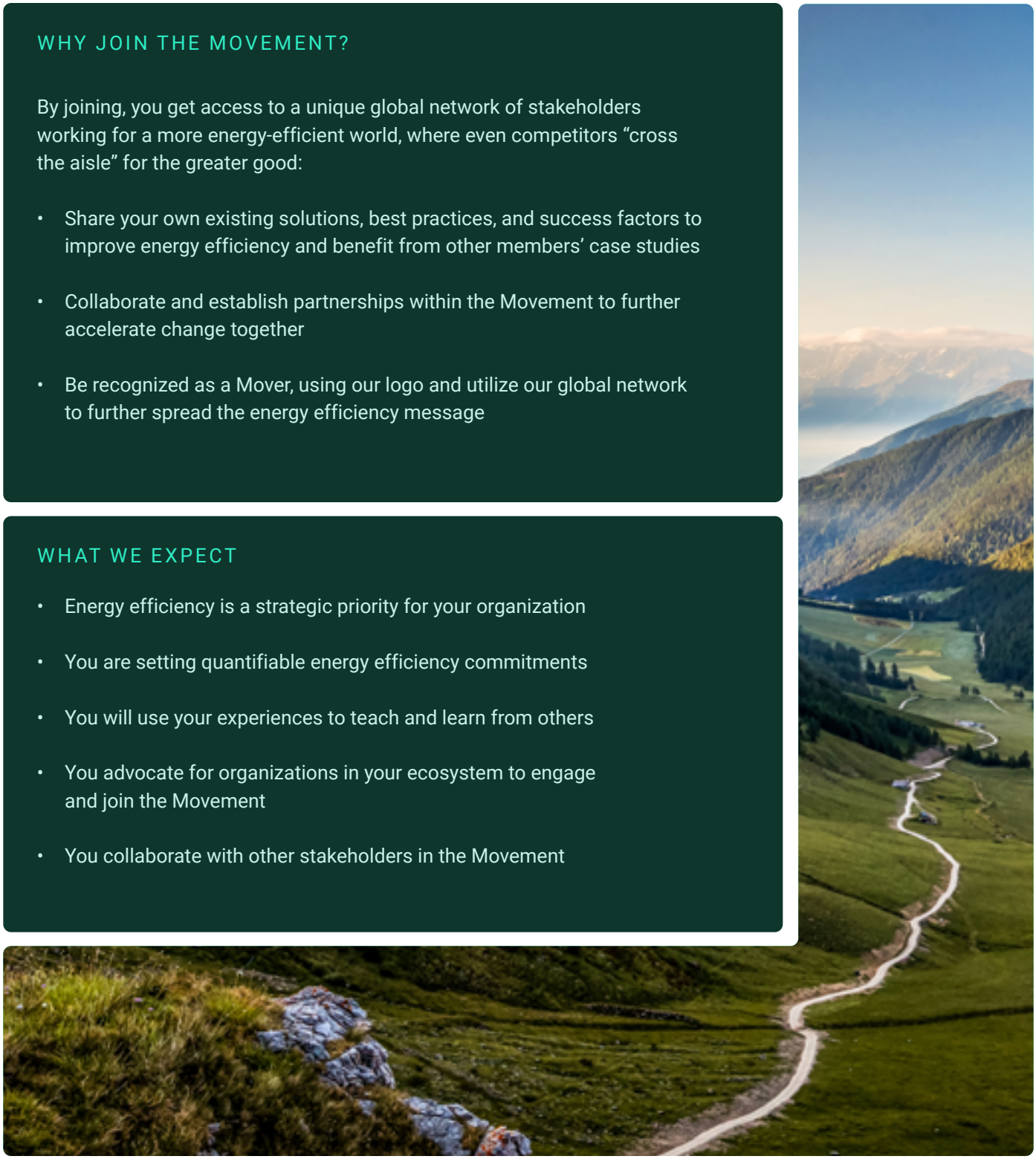
WHY JOIN THE MOVEMENT?

By joining, you get access to a unique global network of stakeholders working for a more energy-efficient world, where even competitors “cross the aisle” for the greater good:

- Share your own existing solutions, best practices, and success factors to improve energy efficiency and benefit from other members’ case studies
- Collaborate and establish partnerships within the Movement to further accelerate change together
- Be recognized as a Mover, using our logo and utilize our global network to further spread the energy efficiency message

WHAT WE EXPECT

- Energy efficiency is a strategic priority for your organization
- You are setting quantifiable energy efficiency commitments
- You will use your experiences to teach and learn from others
- You advocate for organizations in your ecosystem to engage and join the Movement
- You collaborate with other stakeholders in the Movement



Our Stakeholder Ecosystem

Academia
Research and provide scientific facts we all can base our energy efficiency improvements on

Technology companies
Provide the most energy-efficient technologies and products and continue to innovate for more

Public decision-makers and government regulators
Incentivize rapid adoption of the most energy-efficient solutions and technologies

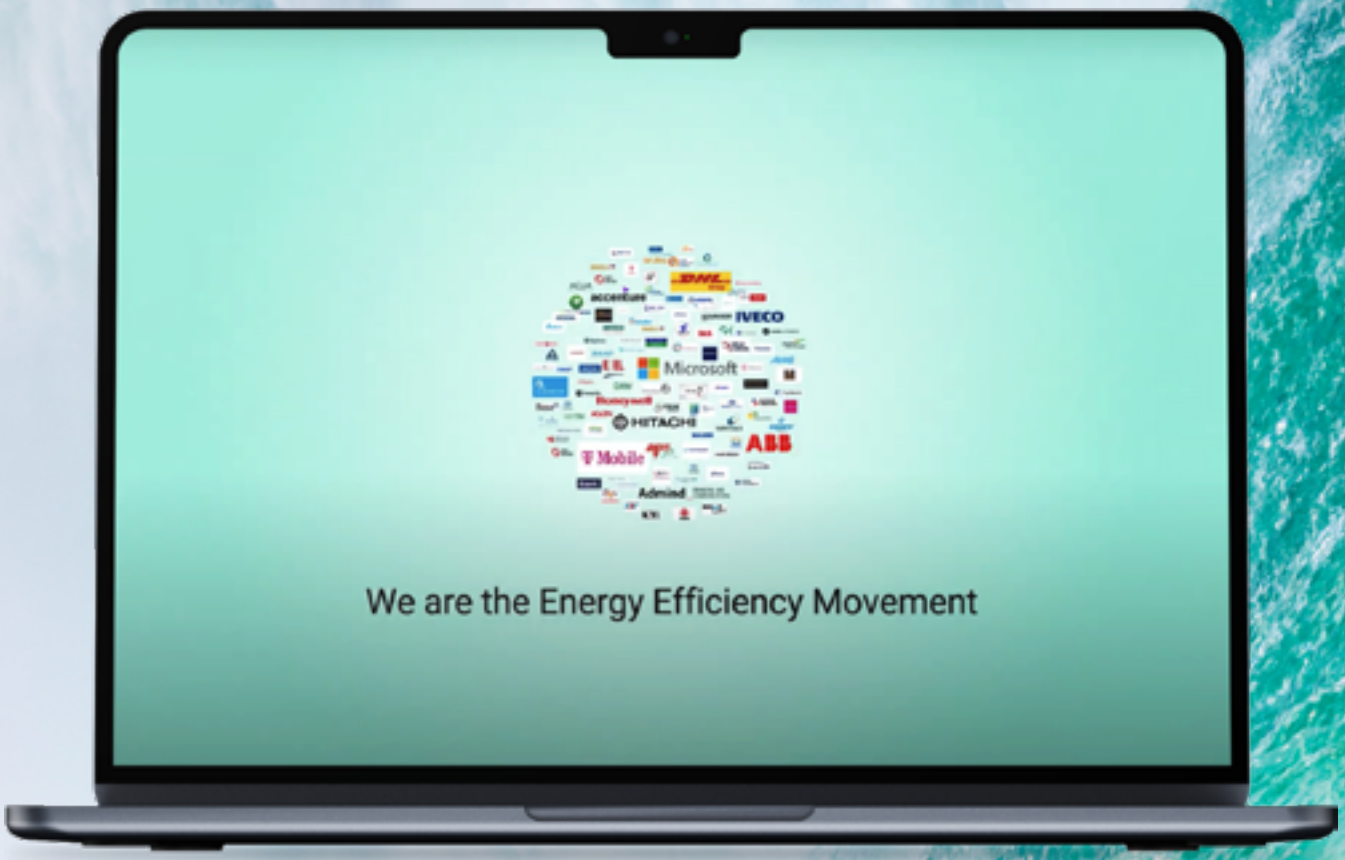
Businesses, cities and countries
Focus on the cost savings and environmental advantages and be willing to make needed investments

Investors
Re-allocate capital toward companies to be better prepared to address climate risks

Others[1]
Use, advocate for and amplify energy-efficient measures

[1] NGO's, policymakers, media, individuals

Meet the Movers



Scan QR code
to watch the video

Becoming a Mover

1. Make your pledge to improve energy efficiency
2. Share commitment publicly
3. Act on commitment, share solutions
4. **Activate the Movement further**

www.energyefficiencymovement.com/join-form

Read our latest research:

The Case for Industrial Energy Efficiency

The business case is clear: in both financial and carbon dioxide impacts, energy efficiency pays off.

GAIN EFFICIENCY INSIGHTS

- Move data to the cloud
- Deploy smart building management systems

DRIVE EFFICIENCY RETURNS

- Switch to heat pumps
- Maintain efficient heat exchangers
- Electrify industrial vehicle fleets
- Use variable speed drives
- Install high-efficiency motors

BUILD AN EFFICIENCY FOUNDATION

- Bring connectivity to physical assets
- Right-size industrial assets and processes
- Audit operations for energy efficiency

View Report

10 key actions industry can take right now

11% potential reduction in total global carbon emissions by 2030

4 gigatons annual CO_2 savings by 2030

$437 billion annual cost savings to industry by 2030

Our Manifesto

It is estimated that by 2050 the global population will have risen to 9.7 billion, up from 7.7 billion in 2019. The global economy is expected to more than double over the same period. Urbanization, automation and the rise of living standards will significantly increase the demand for energy globally. At the same time, we urgently need to reduce CO_2 emissions to counter climate change.

If we continue with business as usual, this scale of expansion will accelerate climate change, and degrade the quality of air and water upon which all life depends. To protect the environment, we need to redouble our commitment to reducing CO_2 in the atmosphere.

In this context, energy efficiency is not an if, it's a must. It is a simple and impactful solution to a multidimensional challenge, the low-hanging fruit we need to bridge our path to a future where all energy is clean energy. It represents low-hanging fruit because many of the technologies and business processes needed to improve energy efficiency globally already exist today – we just need to make more and better use of them. Energy efficiency is the 'first fuel' for a decarbonized future.

The benefits of greater energy efficiency go well beyond the fight against climate change and include environmental conservation, cleaner air and water, better public health, energy independence, and stronger economic growth and development.

Improving energy efficiency is simply common sense. While the challenges ahead are substantial, they are not insurmountable. With adequate investment, appropriate legislation and decisive commitment, it is possible over the coming decades to make major progress toward the climate goals of the Paris Agreement, as well as on the UN's Sustainable Development Goals.

To make the change, all stakeholders must work together – with both creativity and urgency – to adopt and promote available solutions and to continue to innovate for more. We need to invest in areas that help mitigate climate change and we need governments to provide supportive regulation and incentives.

To foster greater energy efficiency at scale, we need:

- Academia to intensify relevant research and to provide scientific facts to inform decision-making
- Technology companies to innovate continuously on new applications and use cases to accelerate energy efficiency improvements
- Public decision-makers and government regulators to incentivize rapid adoption of the most energy-efficient solutions and technologies
- Businesses, cities and countries to be aware of both the cost savings and environmental advantages and be willing to make required investments
- Investors to reallocate capital toward companies better prepared to address climate risk
- Others (NGO's, policymakers, media, individuals) to use, advocate for and amplify
- energy efficient measures

Through innovation, sharing knowledge and insights, investments and the right regulations and incentives, we can optimize energy efficiency and help the drive toward a decarbonized future for all.

We are moving forward, but with your help we can go much further and faster.

www.energyefficiencymovement.com

Follow us on LinkedIn:
www.linkedin.com/company/energy-efficiency-movement

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