

A photograph of a person's hand stirring a pot on a stove. The hand is wearing a gold bracelet. The pot is on a gas stove. The background is a textured wall. The image has a green tint.

Progressing Towards a **Cleaner Future**



Young people, both in the Kingdom and the world, are demanding a cleaner, greener and more inclusive future, and we owe it to them to deliver on this.

His Royal Highness

**Prince Mohammed bin Salman bin
Abdulaziz Al Saud**

Crown Prince, Prime Minister,
Chairman of the Council of Economic and Development Affairs



A third of the world is in the grip of energy poverty.

We have urged companies to collaborate and find solutions together; we must not let these people suffer alone.

His Royal Highness

**Prince Abdulaziz bin
Salman Al-Saud**

Minister of Energy

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Forward7
Clean Cooking



The background of the entire page is a photograph of a person's arms and hands cooking. The person is wearing a colorful patterned headscarf and several bracelets on their wrists. They are using a metal pot on a stove. The entire image is covered with a semi-transparent green overlay.

Middle East
Green Initiative



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Transitioning Towards a Sustainable Future

Clean Cooking in Focus

According to the United Nations, the world is falling short in its vital efforts to provide universal access to clean cooking by 2030.

Approximately 2.3 billion people lack access to clean cooking solutions and rely instead on traditional fuels such as solid biomass -including firewood and animal dung- as well as kerosene and coal.





Asia is home to 55% of the global population who lack access to clean cooking facilities, amounting to approximately 1.2 billion people.

In Sub-Saharan Africa, 29 countries have access rates below 20% and the region saw a continued increase in the number of people without access to clean cooking since tracking started, reaching around 990 million in 2022.

Achieving clean cooking access is crucial not only for realizing universal energy access but also for supporting livelihoods and human well-being. The use of inefficient, traditional cooking fuels has a harmful impact on health, climate, and the environment.

It leads to 4 million premature deaths per year, contributes up to 50% of black carbon emissions from burning solid fuels, and forces many of the 2.3 billion people who rely on solid fuels for cooking to spend up to a third of their income on fuel.

Expanding universal access to clean cooking solutions is therefore a pressing imperative and it is our main goal.





Powering Regional Climate Action

The Launch of the Middle East Green Initiative (MGI)



The Middle East Green Initiative (MGI) is a regional effort led by the Kingdom of Saudi Arabia to mitigate the impact of climate change on the region and to collaborate to meet global climate targets. By increasing regional cooperation and creating the infrastructure needed to reduce emissions and protect the environment, the MGI can amplify impact in the global fight against climate change, whilst creating far-reaching economic opportunities for the region.

To accelerate the implementation of initiatives to achieve the MGI's goals, HRH the Crown Prince announced in November 2022 that Saudi Arabia will establish and host a dedicated MGI Secretariat and will allocate USD 2.5 billion to support MGI projects and governance.



Why MGI?

Climate Change Knows no Borders

- Across the Middle East and North Africa, the repercussions of rising temperatures are already impacting livelihoods and opportunities.
- Extreme weather events including droughts and heavy rains will become more common in the region if global temperatures continue to increase.
- The economic impact of dust storms in the region exceeds USD 13 billion annually.
- The MGI exists to unite leaders across the region to achieve the common goal of combating climate change.

MGI Targets

Rallying the Region in a Shared Vision



Grow 50 billion
trees across the
Middle East.



Support the region to
reduce and remove
CO2 emissions.



The Crown Prince outlined the roadmap for fighting climate change at **the Middle East Green Initiative (MGI) Summit in October 2021.**

His Royal Highness announced a regional initiative to provide clean fuel solutions for cooking to **750 million** people worldwide.



Full announcement here



A woman with dark skin and braided hair is sitting on a blue stool, cooking in a large black pot. She is wearing a white t-shirt with a Star Wars graphic and blue jeans. She is holding a small blue object in her left hand and a metal spatula in her right hand. The pot is placed over a wood fire. The background is a corrugated metal wall. A pink plastic container is visible on the right side of the image.

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Powering a Cleaner Future

Forward7 Initiative

"Forward7" embodies progress and determination, with **"Forward"** symbolizing the relentless pursuit of goals and the **number 7** representing the specific Sustainable Development Goal (SDG7), which calls for ensuring access to affordable, reliable, sustainable, and modern energy for all.

"Forward7" contributes to the United Nations' Sustainable Development Goal 7 by cultivating a worldwide market for clean cooking technologies. This effort to transform how the world cooks can save lives, improve livelihoods, empower women, and protect the environment.

To Protect **750 Million** **Lives** Worldwide...





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Clean Cooking





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Healthy Homes Make the World Thrive



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Leading the Clean Cooking Revolution

The Forward7 initiative aims to drive greater adoption and usage of clean cooking solutions through several key strategies:



Advocating and raising awareness to promote sustainable energy access.



Supporting sustainable market development for clean cooking products and services.



Removing barriers to clean energy adoption in emerging markets.

Diverse Solutions for Promising Results

Forward7 is working on many sources to reach the goal of expanding access to clean cooking solutions. As part of its impactful work in the energy and sustainability sectors, Forward7 is leading transformative efforts to improve household access to clean cooking solutions.



Liquefied Petroleum Gas (LPG)

is a transitional fuel obtained from natural gas and oil production and considered to be the most efficient.



Solar Power

is the most abundant renewable power source available. Solar energy can be converted into electricity.



Biogas

is a gas generated from organic waste, a clean combustible fuel that can be used for cooking and other energy needs.

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Clean Cooking





Holistic Approach

The push for expanding access to clean cooking solutions globally is guided by a holistically-designed strategic framework. This overarching plan serves as a roadmap to drive meaningful progress. To expand the access of clean cooking solutions, the Forward7 initiative framework has identified several core strategic pillars that will shape and direct these collaborative efforts.



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Forward7
Clean Cooking

and Strategic Pillars

These pillars are:



Improving the affordability and accessibility of electric and gas stoves powered by LPG, solar energy, and biogas.



Advocating for and raising awareness of clean cooking benefits through training programs for end users.



Supporting the adoption of the regulatory landscape for clean cooking products.



Helping to secure a reliable source of clean energy.



Enabling and supporting local private sectors for economic growth.



Promoting and emphasizing the initiative's main message through local and international workshops and events.





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Securing Rights, Enriching Lives



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To Elevate Economies, and Empower Societies

Clean fuel solutions involve more than just changing cooking behaviors; they also aim to empower communities sustainably.

Health benefits

Clean stoves significantly reduce harmful smoke exposure, which is linked to diseases such as childhood pneumonia, chronic obstructive pulmonary disease, coronary heart disease, stroke, and lung cancer.

Social benefits

By using clean fuel solutions, women can save an estimated 11 to 15 hours each week. This time saving can be redirected towards productive economic activities and educational opportunities.



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Stove by Stove, Life by Life

Clean fuel solutions mark a significant advancement, providing substantial benefits to both the environment and the economy.

Environmental benefits

Recent evidence shows that the most advanced and efficient stoves and fuels can reduce black carbon emissions by 50% to 90%. This reduction helps limit forest degradation, improves air quality, and decreases overall air pollution.

Economic benefits

Clean solutions like LPG, electric cooking stoves, and biodigesters can lower fuel costs while providing greater cooking power for less money. This not only helps families save money for other essential needs but could also create nearly 1.5 million new jobs.



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The Journey to Sustainable Cooking



Let's Move Forward Together



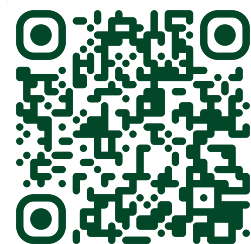
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You can now be part of a global initiative dedicated to expanding access to sustainable household energy solutions. Forward7 operates within an evolving strategic framework that leverages new partnerships and innovations to drive meaningful change.



Resources



Clean Cooking
Alliance



World Bank
Group



Modern Energy
Cooking Services



Saudi & Middle
east green
initiatives



UN SDGs



Saudi
Stonepaper



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