

FAST FACTS

ABOUT MASDAR

Masdar, Abu Dhabi's renewable energy company, is at the forefront of the development, commercialisation and deployment of clean technologies across utility-scale plants, off-grid projects and sustainable real estate. Our mission is to help maintain the UAE's leadership in the global energy sector, while supporting the diversification of both its economy and energy sources for the benefit of future generations. Since its inception in 2006, Masdar has established itself as a global leader in the commercialisation of clean technology by:

- Investing in renewable energy projects valued at more than US\$14.3 billion globally
- Developing a gross capacity of over 5 gigawatts (GW) of renewable energy projects worldwide, either in operation or under development
- Displacing up to 5.4 million metric tonnes of carbon dioxide emissions per year

As an industry pioneer, Masdar is always pushing the boundaries to find and implement commercial solutions that mitigate the impact of climate change and enable energy access.

Masdar has cemented its track record as one of world's most important renewable energy developers. It has more than 14 years of experience developing renewable energy solutions that are helping to advance the industry in the Middle East and North Africa (MENA) as well as international markets.

Whether providing a greenprint for sustainable cities, diversifying local energy sources, helping to educate future energy leaders, or demonstrating the commercial viability of renewables, Masdar is working to find solutions to some of the world's most pressing sustainability challenges.

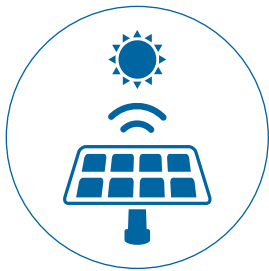
ENERGY LEADERSHIP

Masdar's energy leadership is having an impact in the UAE, the MENA region and around the world. At Masdar, we are:

- Developing energy supply and demand solutions aimed at reducing consumption while achieving commercial viability
- Providing energy security while offsetting carbon emissions and diesel use
- Creating a city that offers a visionary 'greenprint' for sustainable urban development
- Nurturing the UAE's future energy leaders in technological innovation, while helping to shape tomorrow's sustainability agenda



FOUR PILLARS OF MASDAR



Developing Renewable Energy

As a renewable energy developer, Masdar is building and investing in some of the world's most sophisticated commercially-driven clean energy projects. Masdar also delivers specialised small- and medium-sized renewable energy applications, and operates projects in areas presenting unique energy and technology challenges.

Masdar has utility-scale and off-grid projects in over 30 countries.



Pioneering Sustainable Urban Development

Masdar's philosophy of urban development is based on the three pillars of economic, social and environmental sustainability.

Masdar City is one of the world's most sustainable urban communities. A low-carbon development, it is a rapidly growing clean-tech cluster, business free zone with over 710 businesses and residential neighbourhood – with shops, restaurants and green open spaces. Masdar City is also home to the headquarters of the International Renewable Energy Agency (IRENA).



Clean-Tech Innovation

Masdar is advancing clean-tech innovation by deploying the latest technologies at scale, enhancing their commercial viability. Projects include:

- **Waste-to-Energy:** Developing one of the first waste-to-energy projects in the UAE
- **Batwind Scotland:** The first energy storage system to be connected to an offshore floating wind farm
- **Hywind Scotland:** The world's first floating offshore wind farm



Delivering Industry and Knowledge Platforms

As an industry leader, Masdar is committed to advancing the global dialogue on sustainability while accelerating the adoption of renewable energy and clean technologies.

As part of its industry and knowledge platforms, Masdar hosts Abu Dhabi Sustainability Week, one of the world's largest sustainability gatherings, which convenes policymakers, industry specialists, technology pioneers, and local community members to explore solutions to the world's most pressing sustainability challenges.

MASDAR'S DOMESTIC AND INTERNATIONAL PROJECTS

- Developing a gross capacity of over 5GW of renewable energy projects worldwide, either in operation or under development
- Investing in renewable energy projects valued at more than US\$14.3 billion globally

