AT A GLANCE

RENEWABLE POWER

ALSTOM
Shaping the future
With a presence in over one hundred countries and a broad range of products and services in the power generation, power transmission and rail transport infrastructure markets, Alstom is at the forefront of economic, social and environmental progress.

Alstom bases its success on the principles of ethics being rigorously applied by its 93,000 employees, who work closely with the community of stakeholders that make up the Group’s ecosystem.

These shared commitments are expressed in products and services that bear the stamp with Alstom.

According to forecasts, by 2020, half of all new power installations will be based on CO₂-free generation. With the broadest portfolio of renewable solutions in the industry backed by global project references and extensive investment in local capabilities, Alstom offers you reliable solutions for sustainable energy production.

Jérôme Péresse / President of Alstom Renewable Power

ABOUT US

For over a century, Alstom has been committed to improving standards of living through the provision of reliable and affordable power. With core competences based on a strong turbine heritage and experience building all kinds of turnkey power plants, we deliver clean energy solutions based on experience and innovation.

From established hydro, wind, geothermal and biomass solutions to innovative systems for tidal stream and concentrated solar power, we have all the necessary products and services to help you reach your clean power production targets.

With Alstom, reliable, competitive and eco-friendly power becomes even simpler.
OUR RENEWABLE EXPERTISE

Power producers are always looking for a competent partner who understands both the broader perspective, as well as the finer details. We offer everything from components and systems to turnkey solutions for new and retrofit projects of all types and sizes.

HYDRO
Alstom has been playing a leading role in harnessing the most used source of renewable energy. Covering all hydropower schemes, we offer the largest range of products for new equipment and services for the installed base. We are also developing cutting edge technologies to better integrate intermittent energies and balance the grid.

WIND
We provide global energy solutions, from developing, designing and setting up wind farms to supplying and maintaining wind turbines. Our wind product solutions, covering a wide range of onshore and offshore wind turbines with power ratings up to 6 MW, feature Alstom PURE TORQUE® technology, a unique rotor support concept for drive train reliability.

NEW ENERGIES
Alstom is adapting proven steam turbine technologies to capture new sources of clean energy including solar, geothermal and biomass for grid or industrial power. Alstom has been investing in ocean energies and has installed a 1 MW tidal stream turbine generator which has been injecting electricity into the grid network since 2013. Our engineering teams are developing a complete commercial offering suitable for any site.

ALSTOM BUILDS ON A STRONG LEGACY OF RENEWABLE POWER PRODUCTION

1890 1950 1953 1980 2008
Alstom Renewable Power technologies allow improved availability and increased energy conversion efficiency as well as lower initial and lifetime costs.

We are delivering solutions that enhance the commercial and environmental performance of generation assets both now and in future.

Our integration and control solutions, combined with Alstom Grid’s expertise, allow us to help you produce and distribute clean power in a complex and fluctuating environment.

Alstom is a global leader in sustainable power generation thanks to a wide range of expertise, a broad portfolio of proven solutions and a tireless commitment to innovation. Covering all stages of the plant life cycle, Alstom’s research and development focuses on creating innovative technologies that address customers’ needs.

We continue to develop new solutions to optimise reliability, availability and efficiency of current electricity production methods. We are also expanding our portfolio to introduce vital new technologies that tap into new sources of energy.
CLOSER TO YOUR PROJECT

With Alstom, renewable energy has been developing for more than 100 years. From our early involvement in hydropower, our clean power business represents more than €2.5 billion. Today we have around 9,200 employees working in more than 50 locations across 5 continents.

Our global commitment to be at the forefront of clean power technology goes hand in hand with our commitment to have a sustainable local presence. We can adapt our approach to align with regional or environmental policies and respond rapidly to customer specific requirements at every stage of the plant lifecycle.

Alstom Renewable Power’s expanding global presence

North America
- Canada
  - Sorel - Tracy
  - Granby*
- USA
  - Amarillo
  - Littleton
  - Monroe
- Mexico
  - Sorel - Tracy
  - Granby*

Latin America
- Argentina
  - Buenos Aires
- Brazil
  - Camaçari
  - Canoas
  - Porto Velho
  - São Paulo
  - Taubaté
- Colombia
  - Bogota

Europe
- Austria
  - Vienna
- France
  - Belfort
  - Cherbourg*
  - Grenoble
  - Levallois
  - Nantes
  - Saint-Nazaire*
  - Toulouse
- Germany
  - Mannheim

Asia Pacific
- Australia
  - Sydney
  - Bhutan
  - Gelephu (JV)*
- China
  - Beijing
  - Shenzhen
  - Tianjin

Middle East
- Morocco
  - Akhfenir

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- Canada
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  - Granby*

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- Littleton
- Monroe

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  - Camaçari
  - Canoas
  - Porto Velho
  - São Paulo
  - Taubaté
- Colombia
  - Bogota

Europe
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  - Vienna
- France
  - Belfort
  - Cherbourg*
  - Grenoble
  - Levallois
  - Nantes
  - Saint-Nazaire*
  - Toulouse
- Germany
  - Mannheim

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  - Bhutan
  - Gelephu (JV)*
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  - Beijing
  - Shenzhen
  - Tianjin

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  - Akhfenir