

## Exposé

### Best practice approaches from Hamburg for G20 challenges

#### Climate Change

*After the G7 expressed its commitment to adopting an ambitious world climate agreement aimed at limiting global warming to a maximum of 2°C, the G20 has sent out a further signal in support of this goal. The United Nations Climate Change Conference in Paris in December 2015 adopted a legally binding international climate agreement that is designed to keep global warming significantly below 2°C. Germany adopted its national climate plan even before the end of the 2016 conference in Marrakesh. ([www.g20.org](http://www.g20.org))*

*In 2011, the City of Hamburg was awarded the title of European Green Capital. Up until today Hamburg and the Hamburg Metropolitan Region have been moving forward with ambitious best practice projects that demonstrate how environmental goals can foster innovation, stimulate the economy and increase quality of life.*

**Keywords: energy transition, industry 4.0, digitisation, smart grid, climate politics**

## Hamburg, capital of wind energy

### Global showroom of the renewable energy industry

**The Hamburg Metropolitan Region is already one of the main centres for renewable energy in Europe. Among industry experts and beyond, Hamburg is considered to be the international wind energy capital. Today, two thirds of the global know-how in wind energy are located in the Hamburg Metropolitan Region and the neighbouring region encompassing the federal state of Schleswig-Holstein and Jutland, Denmark. In the Hamburg Metropolitan Region, some 25,000 people work for nearly 1,500 renewable energy companies. The most important contribution to this has been made by wind energy players. Many of the wind industry's global players, such as DONG Energy, Nordex, Senvion, Siemens and Vestas, have their head offices in Hamburg.**

The wide open landscape between the North and Baltic Seas and the environs of the River Elbe provide ideal conditions not only for wind power, but also for biomass use and solar power. Politics, business and consumers are working together to support clean energies and realise the vision of positioning the Hamburg Metropolitan Region as the leading global location for management competence and innovative service providers in the field of renewable energy. At the same time, the hinterland with its numerous production sites perfectly complements Hamburg as an international centre in the areas of development, sales and services.

Since 2014 the city has been hosting WindEnergy Hamburg, the leading international trade fair for the wind energy industry. The next WindEnergy Hamburg expo will be taking place from 25 to 28 September 2018 on the Hamburg Messe exhibition grounds. Some 1,400 exhibitors from about 34 countries will be showcasing their product novelties and services for the onshore and offshore wind sector. The world's leading trade fair for onshore and offshore wind energy

reflects all segments of the global market and its value chain and serves as a key meeting place for decision-makers from the global energy sector. Since 2016 the WindEurope Conference is held in parallel to the expo. The WindEurope Conference is organised by WindEurope, the European wind industry association.

### Further information

[www.eehh.de](http://www.eehh.de)

[www.windenergyhamburg.com](http://www.windenergyhamburg.com)

### Facts & figures

- The Hamburg Metropolitan Region is home to 1,500 companies with about 25,000 employees in the field of renewable energies
- Renewable energy as research focus and key competence at numerous universities
- 60% of the world's wind energy know-how is reachable from Hamburg within 2.5 hours northbound
- Hamburg is Germany's number one location for developing and managing wind energy, and the city holds a leading position as a service location for green energy
- Leading companies such as DONG Energy, Nordex, Senvion and Siemens have their head offices in Hamburg
- The biennial WindEnergy Hamburg, the global leading meeting place for the wind energy industry, has been taking place in Hamburg since 2014

### Picture material

[www.marketing.hamburg.de/mediaserver-result/media/906.html](http://www.marketing.hamburg.de/mediaserver-result/media/906.html)

[www.marketing.hamburg.de/mediaserver-result/media/913.html](http://www.marketing.hamburg.de/mediaserver-result/media/913.html)

[www.marketing.hamburg.de/mediaserver-result/media/784.html](http://www.marketing.hamburg.de/mediaserver-result/media/784.html)

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### **About Hamburg and the G20**

On 7 and 8 July, the heads of state and government of the world's leading 20 industrialised and emerging economies and their delegations are meeting in Hamburg, Germany. The exhibition grounds of Hamburg Messe in the very heart of the city will serve as the main venue for the summit. Hamburg, the "gateway to the world" with a port that is connected to 950 ports in some 180 countries worldwide, will be the first German city to play host to a G20 summit. In addition to the venues at the exhibition grounds, the Elbphilharmonie Hamburg, the city's new landmark, will also play a special role. The new concert hall officially opened its gates in January. In the context of the summit, Germany's Chancellor Angela Merkel has invited the heads of state and government as well as the representatives of the participating organisations to a concert on the night of the first day of the summit.

As part of its G20 presidency, Germany will be addressing traditional G20 issues relating to the global economy, trade, financial market regulations and fiscal policy, which have been included in the agenda ever since the financial crisis of 2008/2009. In addition, Germany aims to draw public attention to today's global challenges, such as combating pandemics, work safety, the promotion of women, ways of dealing with displacement and migration, prospects for African economies, as well as policy measures in the areas of climate protection, energy, and sustainable development. In Hamburg all of these topics have been of relevance and the city can offer many best practice examples and innovative projects connected with the G20 topics.

**Further information, text material, statements, photos and footage, exposés and comprehensive media services by the City of Hamburg relating to the G20 are available at [www.marketing.hamburg.de/q20.html](http://www.marketing.hamburg.de/q20.html)**

**For G20 accreditation, themes and topics, please visit the official G20 website at [www.g20.org](http://www.g20.org)**

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