

# Where to join the green market in the US?

According to the *2015 U.S. Clean Tech Leadership Index* California and Massachusetts are ranked as the two leading states within cleantech. However, this article will focus on 3 less well-known, yet successful, states for Danish cleantech companies, to give you a review of other great opportunities for your business.

Take a look at this summary <http://dabf.dk/incentives-for-clean-green-in-the-us/> to see the different entry approaches to the US green market and what to be aware of.

## Oregon

- wind power



1,837 wind turbines in the state

## Colorado

- LEED



Certified 95 LEED projects in 2015

## New York

- hydropower



More than 300 hydroelectric stations

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By Malene Kleppe-Hansen, Content Developer at DABF

## Key benefits for cleantech companies in Oregon

- *Has one of the highest renewable portfolio standard targets in the country*
- *Home to the National Energy Technology Lab*
- *A national leader in wind power*

## Green energy on Oregon

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- Oregon is ranked #3 in the *2015 U.S. Clean Tech Leadership Index* made by CleanEdge
- The state is among the 4 states in the country having the highest renewable portfolio standard targets in the country - by 2040, 50% of the state's electricity should come from renewable sources
- More than 10,300 Oregon families and companies are generating their own electricity
- At more than 50 locations around Oregon, small-scale hydropower projects are generating renewable energy
- Take advantage of *OregonBest* - an independent, nonprofit research center supporting innovation in clean technology across the state
- Oregon is home to Argonne National Laboratory – a multidisciplinary science and engineering research center with 3,298 employees, 15 research divisions, and 5 national scientific user facilities

Download the *2015 U.S. Clean Tech Leadership Index* [here](#)<sup>1</sup>, check out your business opportunities by visiting Argonne National Laboratory's [website](#)<sup>2</sup> or learn more about OregonBest [here](#)<sup>3</sup>.

## Wind Power

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According to the *Wind Energy Foundation*, Oregon is among the top 5 states within wind power capacity. In 2015, wind energy provided 11.34% of all in-state electricity production.

- There are 1,837 wind turbines in the state
- Oregon has invested more than \$6 billion in wind projects
- At least 9 manufacturing facilities are located in Oregon, producing components for the wind industry
- According to DOE Wind Vision Scenario, Oregon should be able to produce enough wind energy by 2030 to power the equivalent of 2 million average American homes
- The country's first floating offshore wind project will be located off the Oregon Coast. For more information on this innovative project click [here](#)<sup>4</sup>

Read more about the wind power industry in Oregon [here](#)<sup>5</sup> or contact the [Wind Energy Advisory Group](#)<sup>6</sup> of the Consulate General of Denmark in Chicago for more advice on the industry and market.

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<sup>1</sup> <http://cleanedge.com/reports/2015-US-Clean-Tech-Leadership-Index>

<sup>2</sup> <http://www.anl.gov>

<sup>3</sup> <http://oregonbest.org>

<sup>4</sup> <http://windfloatpacific.com>

## Key benefits for cleantech companies Colorado

- *Colorado invests in various renewable energy sources*
- *The state is home to the National Renewable Energy Laboratory*
- *Colorado is a recognized leader in LEED*

## Green energy in Colorado

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- Colorado is home to the National Renewable Energy Laboratory – see the facilities [here](#)<sup>7</sup>
- Colorado is one of the nation's leaders in renewable energy – ranking #4 in the *2015 U.S. Clean Tech Leadership Index* made by [CleanEdge](#)<sup>8</sup>
- The state has investments in both wind, solar, biomass, geothermal, small hydroelectric and other renewable energy resources
- Wind energy accounts for the largest percent of renewable energy generation in Colorado, and the state is ranked ninth in the nation for installed solar capacity
- Colorado is one of the states with Renewable Portfolio Standards - get the details [here](#)<sup>9</sup>. In 2004, the state passed the first voter-led Renewable Energy Standard in the nation
- The *Colorado Clean Energy Cluster* is a partnership between clean energy companies, the public sector and higher education – check out their [webpage](#)<sup>10</sup> and see how it can benefit your business

Download the [Innovative Energy Review 2015-2016 Edition](#)<sup>11</sup> – a journal promoting trends, companies, and the overall state of energy in Colorado, or visit the Colorado Energy Office [here](#)<sup>12</sup>.

## LEED – Leadership in Energy and Environmental Design

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Colorado is one of the leading LEED-states in the US, and according to the CEO and founding chair of U.S. Green Building Council, "*Green construction is quickly outpacing conventional construction in the U.S.*"

- According to the U.S. Green Building Council's annual list of top 10 states for LEED, Colorado ranks #5. See the Top 10 List [here](#)<sup>13</sup>
- In 2015, Colorado certified 95 projects representing 12,218,992 square feet of real estate, or 2.43 square feet per resident – the projects include the Republic Plaza in Denver
- Colorado is a recognized leader when it comes to the amount of LEED certified square footage per capita

For more information, visit the U.S. Green Building Council of Colorado [here](#)<sup>14</sup>.

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<sup>5</sup> <http://awea.files.cms-plus.com/FileDownloads/pdfs/Oregon.pdf>

<sup>6</sup> <http://usa.um.dk/en/about-us/consulate-general-of-denmark---chicago/wind-energy-advisory/>

<sup>7</sup> <http://www.nrel.gov>

<sup>8</sup> <http://cleanedge.com>

<sup>9</sup> <http://www.ncsl.org/research/energy/renewable-portfolio-standards.aspx>

<sup>10</sup> <http://www.coloradocleanenergy.com>

<sup>11</sup> <http://coloradocleantech.com/innovative-energy-review/>

<sup>12</sup> <https://www.colorado.gov/pacific/energyoffice>

<sup>13</sup> <http://www.usgbc.org/articles/infographic-top-10-states-leed-2015>

## Key benefits for cleantech companies in New York

- *New York ranks #5 in using renewable electric power*
- *The state is the largest hydroelectric power producer east of the Rocky Mountains*
- *New York has more than 300 hydroelectric stations generating electricity*

## Green energy in New York

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- New Yorkers are America's fifth-largest users of renewable electric power
- The state is home to Brookhaven National Laboratory – a multipurpose research institution located at Long Island
- The State of New York offers various industry focused workforce development programs – see program details [here](#)<sup>15</sup>
- New York gets about two-thirds of its electricity from nuclear power and natural gas
- The hydroelectric power plants on the Niagara and Hudson Rivers typically provide about 20 percent of the electricity production within the state
- New York has abundant energy in its wind, flowing water, sunshine, earth heat and sustainable biomass.

Need more inspiration? Contact the [Danish Cleantech Hub](#)<sup>16</sup> - they connect New York with Danish cleantech solutions. Or take a look at this [webpage](#)<sup>17</sup> for more information on the facilities of Brooklyn National Laboratory.

## Hydropower

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Resources of renewable energy are of great importance in New York – around 17 percent of the electric power in the state is generated by various renewable sources, mainly hydroelectric.

- Hydropower is one of the most cost effective of all energy sources
- New York is the largest hydroelectric power producer east of the Rocky Mountains
- The state ranks #4 in generating electricity from hydropower
- New York has more than 300 hydroelectric stations generating electricity
- The state has begun researching, developing and testing hydrokinetic systems – an in-stream power technology generating electricity from turbines placed below the surface of moving water

Take a look at the webpage of New York State's [Department of Environmental Conservation](#)<sup>18</sup> for more information on the industry.

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<sup>14</sup> <http://usgbccolorado.org/index.php>

<sup>15</sup> <http://nylovescleantech.com/programs.html>

<sup>16</sup> <http://di.dk/English/dch/Pages/default.aspx>

<sup>17</sup> <https://www.bnl.gov/world/>

<sup>18</sup> <http://www.dec.ny.gov/energy/40899.html>