Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

EcoCloud360 Inc.

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Cloud Computing
Member since July 2015

Management and Leadership

☑ **Environmentally Preferable Products and Services**

Computers and data centers now contribute up to 4% of the world's carbon emissions, with millions of servers and data centers powered by electric power sources that burn coal and oil. Many companies don't realize that their digital footprint can be up to 5% of their carbon emissions.
http://www.nytimes.com/2012/09/23/technology/data-centers-waste-vast-amounts-of-energy-belying-industry-image.html

EcoCloud360 is the first company to offers businesses and individuals the opportunity to reduce their digital carbon footprint by hosting their applications, server and personal email and data backup on a sustainable cloud supported by zero carbon data centers.

EcoCloud360's energy efficient servers and equipment are housed in data centers which are powered by clean, renewable hydroelectric and geothermal energy. No fossil fuels are used.

☑ **Environmentally Preferable Purchasing**

EcoCloud360 purchases recycled paper, cards and other products when available while also striving to reduce paper and material waste.

Energy

☑ **Energy Efficiency**

Our data center is located in Iceland where lower temperatures make air conditioning unnecessary. This reduces power consumption by half. Where most Data Centers have a Power Usage Effectiveness (PUE) rating of 3, EcoCloud 360's data centers have the lowest PUE Rating of 1.

☑ **Renewable Energy**

EcoCloud 360's data centers are powered by 100% renewable geothermal and hydroelectric energy. The centers are located in Iceland which offers competitively-priced hydroelectric and geothermal energy so there is no green energy price premium.

An average server uses about 4,000 kWh a year with a 400-watt power supply and each kWh creates about 1.2 pounds of CO_2 emissions, so a server creates 4,800 lbs CO_2 emissions per year. By using clean hydro/geothermal energy, the company is saving 5 tons of CO_2 emissions per server each year. With 10 servers, EcoCloud is saving over 50 tons of CO_2 emissions each year. EcoCloud360 customers can reduce their carbon footprint by several thousand tons over the life time of the servers.

Transportation

☑ **Employee Commute**

All employees work from home offices 95% of the time, reducing vehicle travel.

☑ **Efficient Business Travel**

All employees use video conferencing and IP phones whenever possible to call or meet with clients, reducing carbon emissions from vehicle travel to client sites for meeting or support services.

Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry