



Carbon (CO<sub>2</sub>) Negative  
Is **Earth Positive**

## The BioChar Solution...

and how to make your company/product **Carbon (CO<sub>2</sub>) Negative**

**Carbon (CO<sub>2</sub>) Negative** companies/products help return carbon from the air (CO<sub>2</sub>) to the soil. While good in itself, biochar production and biochar farming includes other valuable properties:

- Combined heat and power generation (CHP)
- Reduction/elimination of other harmful green house gases (GHG)
- Increased water retention in soil applications
- Increased soil fertility and crop yields in specified soil types
- Carbon sequestration

### Financing and funding:

Open World Foundation issues **BioChar Certificates (BCC's)** and sells shares in Open World Villages AB (Sweden) to finance biochar production according to International Biochar Initiative (IBI) criteria. Certificates are proof of investment and improved air, soil and organic food production. You and your company/product can become carbon neutral/negative and benefit from the added value your business is helping to achieve by investing in genuine carbon sequestration. Upon maturity you can use your Biochar Certificates (BCC's) to buy Carbon Negative products; i.e coffee, cacao, sugar cane and other products we will be developing as part of the Project.



### How it works:

The biochar process takes carbon dioxide (CO<sub>2</sub>) absorbed through photosynthesis in biomass (plants) and left as agricultural waste/residue. This biomass residue is then burned in a pyrolysis chamber generating combined heat and power (CHP), capturing and/or converting Methane (CH<sub>4</sub>) and Nitrous Oxide (N<sub>2</sub>O) gases to less harmful Carbon Dioxide (CO<sub>2</sub>) and leaving the CO<sub>2</sub>/Carbon fixating biochar as an end product. Added to specified soils and enriched with indigenous microorganisms (IMO's) and other local composted material, the biochar contributes to increased crop yields, bringing value to the farmer, the environment, and the end user.

- Image at left shows corn growth on poor amazonian soil versus biochar enriched biochar; "terra preta" soil. Photos courtesy of Julie Major and Bruno Glaser; <http://www.biochar-international.org/biochar/soils>

For more information please refer to our separate document "Open World Biochar Coalition" and/or contact us at: [info@openworldfoundation.org](mailto:info@openworldfoundation.org)

**Carbon (CO<sub>2</sub>) Negative is Earth Positive; a big Plus for You, your customers, and the environment!**

**Open World Foundation** began planting trees in 2009 as a small contribution towards mitigating climate Change through our project "Replanting a Rainforest". We know this is good, but it's not enough. **Open World Villages AB** was started in 2011 to develop sustainable lifestyles by working with farms and eco-village initiatives around the world.



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