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www.biochar-journal.org/en
Member of the International Biochar Initiative
www.biochar-international.org

Biochar for Regional Management: The Cascading Approach

"What is needed in this 21st century of ours, clearly, are solutions that deal with several of our major problems at once."

Tim Flannery 2007

Beyond recycling
Cascading Biochar Systems

- **growing the economy** from the ground up
- transforming *unloved biomass* permanently
- effective carbon sequestration
- simultaneous production of chars and availability of renewable thermal energy
- healthy living, proactive fire risk reduction, insulation, clean air and water, averting hazards, pollution and waste

Original graphic design by Kathleen Draper, Finger Lakes Biochar

Ökoregion Kaindorf, Austria
Growing the economy from ground up

- Since 2007, the Eco-Region is a voluntary association of 6 rural village communities working together with one shared vision:
  " *To become* ***Carbon Neutral by 2020****,*
  in our lifetime ".
- Fostering an eco-friendly **circular economy**: Sustainability and economic viability do not exclude each other.
- https://www.oekoregion-kaindorf.at

Cascading values *simultaneous optimisation of growth & profitability*

Aquaculture- Aquaponics- Bedding- Biogas- Carbon capture- Construction- Dairy- Drainage- Ecosystem health- Effluent mop- Filters- Garden- Horticulture- Hydroponics- Insulation- Landscaping- Mine rehabilitation- Odour reduction- Packaging- Poultry & Pork- Restoration management- Sanitation- Thermal energy- Urine Sponge- Viticulture- Water & Waste Management- Weeds to values ...

- ***https://www.biochar-journal.org/en/ct/85-The-Biochar-Displacement-Strategy***
- *http://**www.ithaka-journal.net/55-uses-of-bc***

Yes Opa, our Biochar worked well again!
14 fruit from just 2 "*Cundall's Beauty*" plants

March 2017