

Technology Fact Sheet for Mitigation

Technology	Description	Benefits	Challenges
Biofuels from Second Generation ⁱ	Bioethanol can also be made from 2nd generation feedstocks to include agriculture and forest wastes, short rotational crops but requires additional processes and expensive enzymes to convert the starch into sugars.	Bioethanol from this feedstock uses waste material and does not pose a challenge for deforestation	The current challenge is that the price of bioethanol from this source is prohibitive and does not compete with fossil gasoline.

ⁱ This fact sheet has been extracted from **TNA Report – Technology Needs Assessment and Technology Action Plans For Climate Change Mitigation– Zambia**. You can access the complete report from the TNA project website <http://tech-action.org/>