

# MegaMel

May 2012

# Organizational Structure

Holding Company  
(Delaware)

Investment Arm  
(Mauritius)

R&D Arm  
(Nigeria)

Bone Waste  
to Bone  
Meal

Integrated  
Abattoir  
Waste to  
Bone Meal  
& Energy

PET Plastics  
to Polyester

Waste

Water  
Mining

Wind Power

Salt  
Production  
&  
Fortification

# Holding Company Details

- Delaware Registration as Walker Holdings (aka, MegaMel 😊)
- May involve multiple entities or additional locations but should be primary source of registration

# Investment Arm (ZuniMu) Details

- Mauritius Registration as ZuniMu (Zuniga Mundial)
- May involve multiple entities or additional locations but will be primary source of investment for Africa and Asia businesses
- There will be two functionary bodies – an operational arm and an R & D arm reporting to the CEO (Melanie)
- The operational arm will be the full responsibility of the COO (Chief Operational Officer)
- The R & D arm will be the full responsibility of the CTO (Chief Technical Officer)
- Financial management and oversight will be delegated to a Mauritian citizen or Mauritian KPMG official, as compliant with national business registration laws

# Investment Arm, Phase 1 Investments

## Zunimu Investments

Bone Waste to  
Bone Meal

Integrated  
Abattoir Waste  
to Bone Meal &  
Energy

PET Plastics to Polyester

Somaliland

Ethiopia

Liberia

Zimbabwe

# National Program Details

- For now, most projects can be focused at the country level (at least in phase 1)
- Creation and registration of local business with local partners including government (either municipal and/or national)
- Project Managers will be employed on site and report to COO for compliance and with accountability to CTO for implementation of new ideas and safety standards

# R & D Program Details

- R & D might best be based in Nigeria given the educational levels, academic institutions, resources, experiences, connectivity and potential for learning partners; other options possible but cost, staffing and logistics apply
- Licensing and/or partnership with NGOs might be necessary but object is to move all profitable opportunities to the enterprise side

# R & D Science (sample)

- Bone to Bone Meal
  - Merging technology with the other (non-meat, non-bone) slaughterhouse waste products
  - Cement from bone meal  
(<http://www.icrepq.com/icrepq'11/609-ariyaratne.pdf> )
- Integrated Abattoir Waste
  - To biodegradable plastics  
([http://inventorspot.com/articles/ecofriendly\\_plastic\\_animal\\_meat\\_and\\_bone\\_meal\\_yep\\_its\\_possible](http://inventorspot.com/articles/ecofriendly_plastic_animal_meat_and_bone_meal_yep_its_possible))
  - Carbon finance (CDM)  
([http://www.lr.org/Images/Methane%20Recovery%20Bio-Digestion%20PDD\\_tcm155-193320.pdf](http://www.lr.org/Images/Methane%20Recovery%20Bio-Digestion%20PDD_tcm155-193320.pdf))
  - Into grid vs. cooking gas
  - Sizing of plants (# of head per day processing capacity)
- Landfill Plastics to Polyester
  - Suitable technology for developing world conversion  
(<http://scholarsresearchlibrary.com/aasr-vol2-iss4/AASR-2010-2-4-240-254.pdf>)
  - CDM might be possible here too  
(<http://blog.fooducate.com/tag/post-consumer-recycled-polyethylene-terephthalate/>)

# Persons of Interest

- CEO: Melanie
- COO: Sam Sternin
- CTO: Martin Dirr or Joseph Adelegan (Africa-based engineers)
- Country Project Directors
  - Somaliland: Noah Amin
  - Ethiopia: Martin Dirr or TBD
  - Liberia: Annie Cyrus (Currently City CFO/Manager)
  - Zimbabwe: TBD