



## AFAB World Charity Research Project

**“Ecovillage component”**

### AFAB World Eco Farm Research Center and Studio

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*A Fabulous world brought to you by AFAB World Charity  
Helping to make the world a Fabulous place to live one day at a time!*

#### Project in development status

**Project Name:** Sustainable Farm, Research Center and Studio “Eco Farm”

**Project No.** AFABEF003

**Project description:** To convert a 7 acre farm into a sustainable farm, research center, workshop and video studio. Due to the enormous scope of the project, it was decided that we move forward in phases. Before the Eco Farm Research Center is running, we will conduct open source research projects on soil fertility and small scale Biogas production as the project design has already been completed for these projects and they can stand independent of the Eco Farm. Phase 1 of the project is to establish the garden, field crops and animals needed for a farm to become sustainable. Phase 2 will be to convert the farm from on grid dependent power to off grid independent power. Phase 3 will be to create the workshop and studio so we may share our research data globally. Phase 4 is to establish an on farm I.T. Lab for the growing number of research projects. Phase 5 is to spread the research project information globally and develop a sustained network of local farms. The 2 year project budget attempts to identify the start up needs, cost and the continuing cost to create and maintain a research center that will conduct research projects for AFAB World Charity. All research will be open source and live via the internet with an updated page per project and blog sphere to interact with the project from around our planet.

**Project scope:** Utilizing a combination of local and global volunteers, AFAB World has already established a dozen farms globally that wish to participate in the results of the research projects, with some excited about developing a grass roots community network of their own. AFAB World will interact with the network to gain input and help resolve regional and social problems that may occur with sustainable technology and skill sets. AFAB will act as a support hub for the many farms participating globally and the primary research center.

**Project process:** Design the Eco Farm with global consultants to finalize project plan. Seek funding for project. Start Phase 1 as soon as funding allows.

**Eco Farm design theory:** To convert a 7 acre farm into a sustainable research farm with a global information sharing network of farms using student volunteers to assist in communication where local farms have no I.T. capability.

#### **Project Conclusion:**

We will have developed an off grid sustainable research farm, including local and global grass roots networks to share sustainable research, technology and skill sets.



## 7 Acre Eco Farm Project, Year One

1<sup>st</sup> year start up cost \$75,950  
Project total \$277,145

### Cost breakdown:

Taxes \$7,000

Project Manager \$9,000 Matt (AFAB World charity regional)

Farmer \$12,000 \$1,000 per month x 12 months (Matt will train a local person)

Organic Research consultant \$6,000 Gary (\$500 per month x 12 months)

Research Technician \$15,000 1,000 hours x \$15 per hour Angie (Train a local person)

5 person inmate work crew \$15,000 (180 days a year)

Building construction and repair \$6,000

### Livestock:

10 sheep \$1,000

10 pigs \$1,000

20 Geese \$200

20 Ducks \$250

50 Chickens \$300

50 Genie Gen \$700

50 Turkey \$500

Organic fertilizer, seed and farm tools \$3,000

Organic feed? \$5,000

**1<sup>st</sup> year total: \$75,950**

After the farm animals are purchased and growing areas are prepared in the first year, the Farm will start producing animal and vegetable foods. The second year, food will be available for people working as interns, volunteers, and yearly farm shares to be sold at \$5,000 per year. An example of a farm share would consist of all the veggies you eat in a month and include fresh eggs, two chickens, one duck, some pork, and lamb per month. Excess food will be sold at a farm stand and donated to the AFAB World Black Lake Grange Food Share Program.



As the farm becomes converted, a global outreach position is added to manage the global contacts and local AFAB World chapters.

2<sup>nd</sup> year

Taxes \$7,000

Project Manager \$12,000 (AFAB World charity Regional outreach)

Project Manager \$12,000 (AFAB World charity Global outreach)

Farm Manager \$24,000 \$2,000 per month x 12 months

Farmer \$12,000 \$1,000 per month x 12 months Matt (local person) or possibly somebody else  
2<sup>nd</sup> year

Research project design consultation \$6,000 Multiple experts (\$500 per month x 12 months)

Research Technician \$15,000 1,000 hours x \$15 per hour Local person

Research Technician \$15,000 1,000 hours x \$15 per hour (second position for added projects)

Research Project Manager \$24,000 at \$4,000 per month x 6 months

Workshop Designer and Manager \$24,000 \$2,000 per month x 12 months

5 person inmate work crew \$15,000 (180 days a year)

Building construction and repair \$2,000

Organic feed? \$5,000

Organic fertilizer, seed and farm tools \$3,000

**2<sup>nd</sup> year total \$152,000**

2 year project total \$251,950

Fund raising Staff 10% \$25,195

**Project total Grant request \$277,145**



Food from the research farm will go to volunteer(s), fund raising parties, sold as farm shares, on Farm food stand and donated to low income seniors through our food share program.

### **1<sup>st</sup> year Eco Farm Research Projects:**

Soil Fertility and the MISSING link to human health

Small scale Biogas Production and affluent fertilizer value analysis

Monthly Workshops (soil fertility, Permaculture, Biogas, Biomass, Solar, Passive heating)

### **2<sup>nd</sup> year Eco Farm Research Projects:**

Soil Fertility and the MISSING link to human health

Small scale Biogas Production and affluent fertilizer value analysis

Monthly Workshops (soil fertility, Permaculture, Biogas, Biomass, Solar, Passive heating)

Small Farm revival (Pay people's taxes and put their idle land into Eco Farms)

Victory Garden Revival Workshop (hands on demonstration of Sustainable Farming)

Eco camping (Eco friendly & Eco Tourism product demonstration Picnic and Camping sites)

Biogas and Biomass oven/smoker/BBQ (Designing a biogas oven, smoker and BBQ all-in-1 that runs on Biogas and Biomass fuels)

Medium scale Biogas production and commercial applications (utilizing the research data from the small scale project) We will conduct a Medium scale Biogas research project with the focus on assisting Restaurants and other businesses to decrease their organic matter waste, land fill impact, sewage waste, methane and carbon pollution by converting those wastes into fuel sources.

Micro Ag for profit (SPINN) (Didacus from CA)

Aquaculture ecosystems (Implementing Permaculture theories)

Eco Farm Research Center and Studio





Project Phases:

Phase 1 Concept (Completed: To transform a small farm off grid self-sufficiency)

Phase 2 Design (Evaluate what aspects can be implemented with the most ease first)

Phase 3 Implementation of critical components (What is needed to start?)

Phase 4 Implementation of primary components (What needs to come next?)

Phase 5 Implementation of final components (What final components are needed?)

Phase 3: After evaluation of the site by multiple interests from as far away as Florida, the developed conclusion is to start the research projects needed to move the Farm towards its goals. Specifically, this means Bio Gas Production and the fertilization values found and the importance of a scientific approach to soil fertility. Both of these projects will help the Farm become sustainable and can be conducted without major modifications to the current facilities, making them the most economical portion of the overall Research Farm.

Comments from Gary...

Beyond line 6- Other than continue to make capitals consistent on through page 3, everything looks good. I would add one point to this discussion or description that explains the basic thrust is to develop methods and models of ecologically sensible, sustainable and economical farming and gardening that can be replicated in America and world-wide.

P.S. I don't see anything in here that discusses the studio, what it does and why it is needed as part of the Eco-village or Research Farm concept.