

## Permaculture Educational Project, Greenland



*An ecological system for humans, animals and plants, permaculture strives for sustainable self-sufficiency and holistic coexistence.*

With a surface area of two million square kilometers, Greenland is the largest island in the world. Fifty-seven thousand people live in the 15% ice-free coastal regions, while the remaining 85% are covered with ice. Its inhabitants, the Inuit, are traditionally hunters and gatherers; now, the majority resides in towns and villages. This residential concentration causes a host of problems, among them, nutritional deficiencies in some segments of the population due to a lack of healthy foods, such as fruits and vegetables (much of which must be imported). To help remedy this state of affairs, 3hf Greenland Foundation is proposing the *Permaculture Educational Project, Greenland*, a farm and nature school that promotes self-sustainability by teaching attendees how to grow produce in Greenland's warming climate.

### Suggested location

The former military camp of Grønnedal is located in the southern part of Greenland in the Arsukfjord. Grønnedal offers an ideal spot for the 3hf Permaculture Educational Project. The school facilities can be put into effect in the existing infrastructure.



**3hf Stiftung Schweiz**  
Dörflistr. 17 . CH 8755 Ennenda GL  
Phone +41 79 693 71 60  
info@3hf.org - www.3hf.org

## Objectives

- To turn Grønnedal into a fertile landscape to foster self-sustaining living in Greenland.
- To build a Permaculture school garden to educate children and youth from home and abroad about sustainable living. Former students, in turn, may become teachers and multipliers.
- To connect nature and mankind.

## 3hf Greenland Foundation (being established)

The foundation possesses the know-how to build fertile soil and teach sustainable agricultural methods.

### Transportation

To ferry personnel and material between Grønnedal and the nearest city e. g. Qaqortoq or Narsarsuaq, a suitable boat is required. We are looking for an affordable possibility, for example the vessel Adolf Jensen.

### The Permaculture school garden is supported by:

Humus	Terra Pretta, University of Hamburg
Compost	Composting, <a href="http://www.kompost.ch">www.kompost.ch</a>
Plant symbiosis	Permaculture, <a href="http://www.krameterhof.at">www.krameterhof.at</a> <a href="http://www.vitsoehus.dk/de/">www.vitsoehus.dk/de/</a>
Worm school and farm	<a href="http://www.grand.at">www.grand.at</a>
Mushroom garden	<a href="http://www.pilzgarten.info">www.pilzgarten.info</a>
Bees	<a href="http://www.bienen-schule.ch">www.bienen-schule.ch</a>
Model gardens for schools	<a href="http://www.diegartentulln.at">www.diegartentulln.at</a>

### Energy supply

The Permaculture facilities will be run with renewable energy sources (sun, wind) to the extent possible.

### Jobs

Several permanent positions are planned. For the remaining tasks, volunteers will be employed (students, Wwoofer, [www.woofinternational.org](http://www.woofinternational.org), itinerant craftsmen, apprentices, etc.).

To promote social integration, another option is to hire local troubled youth and/or juvenile offenders during the summer months.

### Operation

- Preparation of summer operation: March through April
- Summer operation: May through September
- Wrap-up and preparation for winter: October through November

### Items to be completed prior to project start

- Governmental permits (partially completed)
- Start-up financing, boat purchase, preparing licence agreements
- Macro planning
- Recruiting of experts and staff
- involve partners

### Schedule

Autumn 2014	preliminary clarifications
Winter 2015 until 2016	Permits and financing
Winter 2015 until 2016	Planning of Permaculture (collaboration with Sepp Holzer, in process)
Summer 2016	Construction/renovation of facilities (agriculture, energy, residential)
Spring and summer 2017	Start of Permaculture school, Greenland



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### Financing

Clean-up and hauling

Foundations, governmental agencies,  
sponsors

Purchases, construction and  
renovation

Foundations, corporations, sponsors

Annual operational costs

Revenue from sale of farm products

Fundraising (3hf Foundation) for operational  
expenses

Governmental agencies will fund youth labor

A financing plan is in the works .

### Project manager

Hansjürg Hess, 3hf Stiftung Schweiz, www.3hf.org, info@3hf.org

Phone 3hf Switzerland: 0041 79 693 71 60