

Alleviamento del trauma / Mitigation of shocks

by Andrea Giorgi via Filippo Aiello / MEG - Micro Experimental Growing

Design for Emergency
Seed ideas



Descrizione breve dell'idea, che problema risolve/che obiettivo ha, a chi si rivolge.

Alle popolazioni che affronteranno la carenza di cibo o l'impossibilità di accedere alla coltivazione della terra / allevamento di animali, per inquinamento, povertà, disboscamento o quarantena prolungata.

**COSA SERVE PER IMPLEMENTARE L'IDEA?
WHAT IS NEEDED TO IMPLEMENT THE IDEA?**

The list of micro controllers, integrated sensors and electrical components depends on the desired features to automate. The case and possible internal parts might have to be produced ad hoc

Description in English

Populations that will face scarcity of food or growing inability due to excessive environmental pollution, deforestation, poverty, or maybe extended quarantine conditions.

MEG is a greenhouse that allows complete control over the key elements for successfully growing plants, such as light-cycles (wavelengths, intensity, duration), ventilation, temperature, irrigation and soil PH. All the aspects regarding this hydroponic greenhouse are monitored and controllable remotely using a web dashboard.

MEG allows any plant to be grown following a "recipe" containing all the parameters for its settings during day or night for the growing periods of the year. These recipes can be shared among the users for their improvement.

A CHI SI RIVOLGE | WHOM IS IT FOR?

Persone in casa
People at home

PERCHE' E' IMPORTANTE | WHY IS IT RELEVANT?

Perchè permette di sperimentare nuovi tipi di cibo coltivato in casa con l'aiuto di strumenti digitali connessi tra loro.

English text:

Humans require food, water and shelter in order to survive, however these things do not exist in abundance and make humans inherently dependent upon their optimization and preservation.

**CHI PUO' CONTRIBUIRE?
WHO CAN CONTRIBUTE?**

Elencare le competenze necessarie allo sviluppo e implementazione dell'idea, nonché possibili partners, es:

UI/UX designers
Web/Mobile Apps developers
Product, graphic, social, environmental, speculative designers and engineering, scientists.

Speculative and innovative Start-ups



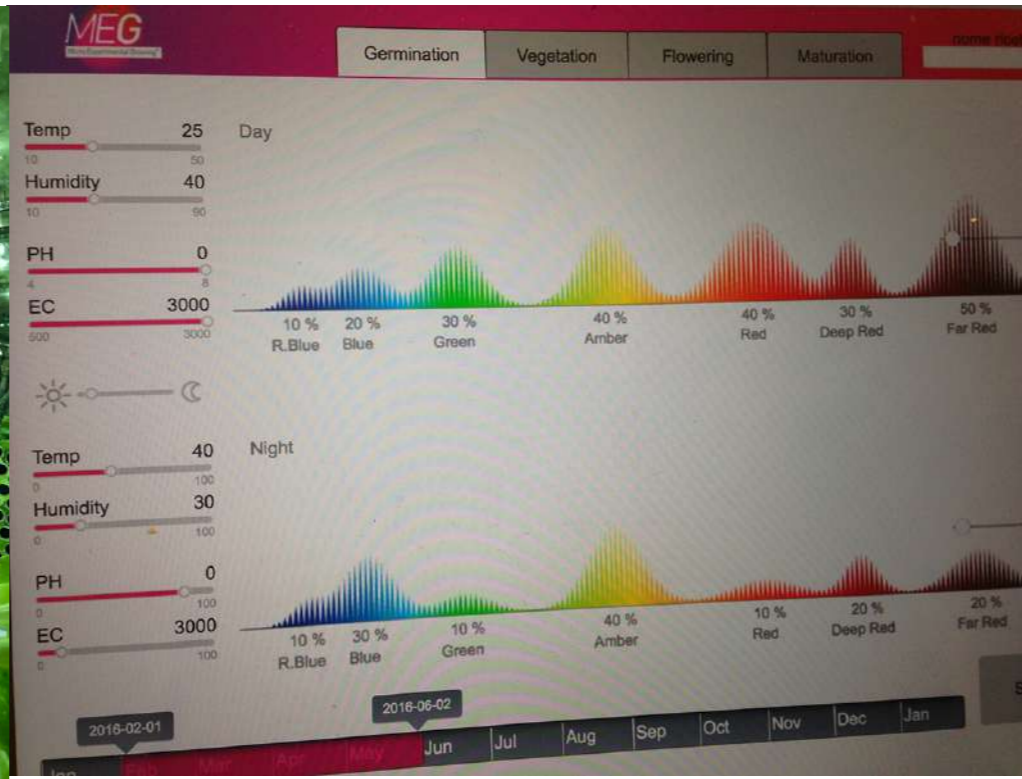
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MEG indoor growing system



Links to related articles and designer:

<http://www.filippoaiello.it/portfolio/meg/>

<https://designautonomo.net>

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