

Open Source Ecology

Nikolay Georgiev

Open Source Ecology
nikolay@opensourceecology.org,
<http://opensourceecology.org/>

Abstract. We are developing the Global Village Construction Set (GVCS) an open source, low-cost, high performance technological platform that allows for the easy, DIY (Do It Yourself) fabrication of the 50 different Industrial Machines that it takes to build a small, sustainable civilization with modern comforts.

1 Content

Open Source Ecology is a network of farmers, engineers, and supporters that for the last four years has been creating the Global Village Construction Set (GVCS) an open source, low-cost, high performance technological platform that allows for the easy, DIY (Do It Yourself) fabrication of the 50 different Industrial Machines that it takes to build a small, sustainable civilization with modern comforts. The GVCS includes machines, equipment, tools, components, and other infrastructures for creating a complete economy: food, fuel, energy, building materials, transportation, materials, and fabrication.

In this presentation we will share what the GVCS is, its current state of development and future plans. Furthermore, we will look at the needs of the project and what we are learning from open sourcing this information.

Being an open source hardware project, we will emphasize how we are implementing the following points:

* Economic Significance * Lifetime Design * Open Documentation * Open Business Model

2 About the Author

Geometry lover in high school. In the middle of his bachelor of computer science he recognizes how little positive impact to society he can achieve through his studies. After 1 year working for Business-As-Usual, he decides to quit his job and dedicate himself to Open Source Ecology.