

Solving the World's Problems with Abundance

Let's continue our discussion from last week's blog. How does Abundance solve the future problems that seem to loom before us like population growth, water needs, hunger, and power?

Abundance Thinking holds the understanding that we have the capability to solve our pains with the technologies we have already created. Those technologies are at such a level that the continued connectivity of each of them creates exponential opportunities for solving all the issues of the day and the problems out ahead of us.

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When I talk about technologies, I am referring to ubiquitous broadband networks, nanomaterials, digital manufacturing, synthetic biology, artificial intelligence, robotics, and infinite computing. These areas of exploration are a game changer for the world in which we live. For those skeptics out there, let's look at a few examples.

Consider the issue of water needs, which is a major one. [Dean Kamen](#) was working to get sterilized water to dialysis patients, when he realized he could solve a problem of clean water for billions of people by creating the Slingshot. This device is the size of a dorm room refrigerator and has an intake hose and an outflow hose, so you could stick it into anything wet, and out would come pure pharmaceutical grade injectable water for dialysis. Great for drinking also! Anything wet includes salt water, arsenic-laden water, and even the latrine. Can you imagine that?

This ultimately translates into helping to solve the population explosion. How? Most people that have large families are rural farmers that need more people to work their farms. They have more children because they tend to have a higher mortality rate in rural areas without clean drinking water. Solve the water problem, and you take huge steps toward the over-population problem.

Next, let's tackle food. [Vertical farms](#) will change the game here. This would consist of utilizing buildings that would be immune to weather changes, so crops could be grown year round. It would take ten to twenty soil-based acres to produce the same amount of crops as one acre of skyscraper or vertical farm. This also means no pesticides or herbicides to runoff and effect the environment.

Now, we will take a look at the power issue. An updated version of the [stirling engine](#) can burn almost anything, and it is being used to power things like cell phones and lights. This engine can also power the Slingshot. Guess what powered it during a six month trial in a Bangladesh village? Cow dung!

All these examples prove that we really can solve huge problems and realize how abundance will raise the living standards, save resources, and provide ecological benefit to all on the planet.

If you are wanting to explore this more or still not convinced check out the [TED Talk](#) by [Peter Diamandis](#) or read the [book](#).