

Linking Life with Living Soils

Bihar has figured it out... what about you?

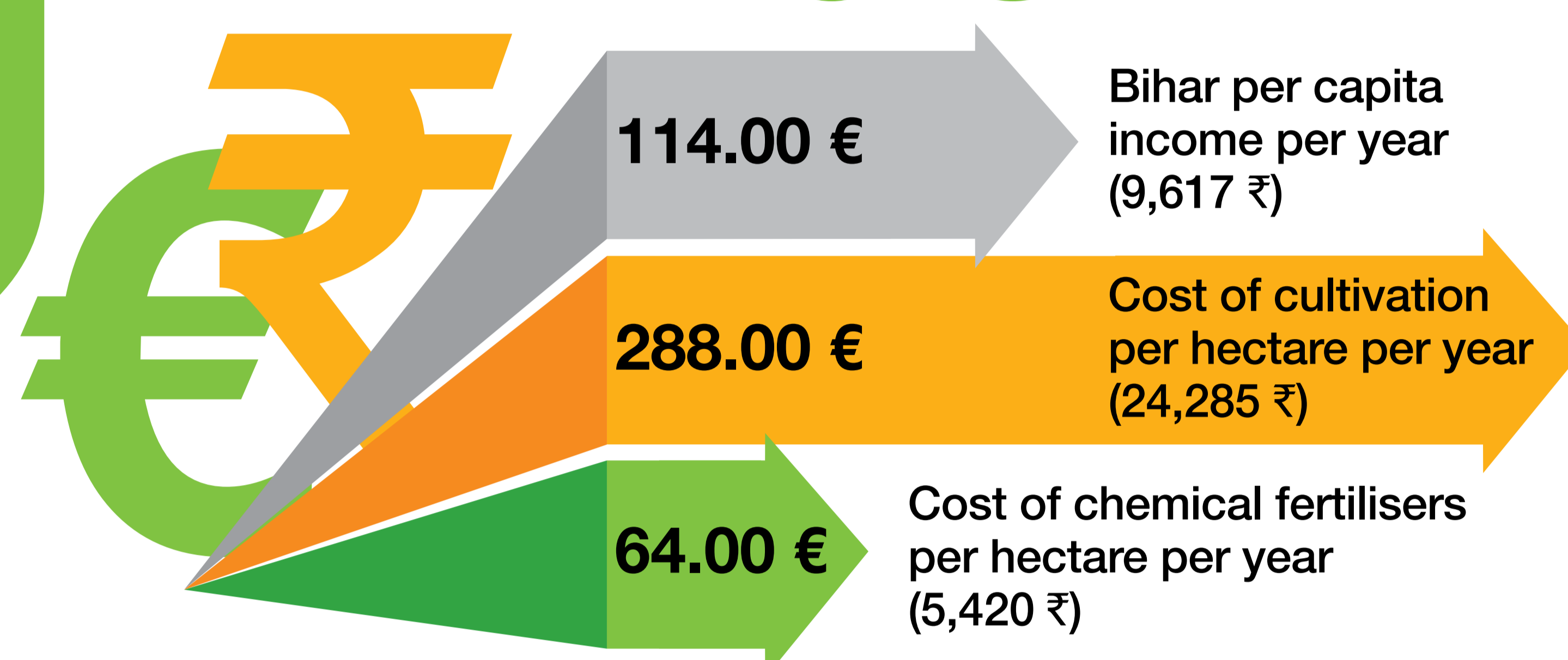
Deteriorating soil health is a matter of great concern in many parts of the world. The addition of biomass is critical to sustain soil health, but in many parts of rural India, every bit of biomass (farm and animal waste) is burnt for cooking. And, usable human waste ends up polluting water bodies.

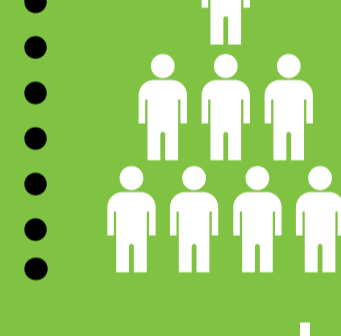
A new ecological farming model is being piloted in a remote village in Bihar, India. It combines use of organic fertilisers, eco-sanitation, and renewable energy to produce more food with less cost and provide better livelihoods, improved sanitation, and clean energy.



40% 
...of people on earth (2.6 billion people) are small-scale farmers, and many of them are poor.

FACTS



85% 
...of the 110 million people in Bihar make a living from agriculture; farm size is very small. Bihar is the 2nd poorest state in India and is the densest populated.

- ▶ **23%** of the cost of cultivation is spent on chemical fertilisers.
- ▶ **35%** more chemical fertilisers are applied than recommended.
- ▶ **60%** of applied nitrogen chemical fertiliser is not recovered in the crop.
- ▶ Over **87%** of rural Indian households are dependent on some form of biomass for cooking.
- ▶ In Bihar, only **8.1%** of households have access to cooking gas.
- ▶ **82.4%** of households in Bihar do not have access to toilets.

MORE FOOD WITHOUT POLLUTION

BETTER YIELDS

BETTER IRRIGATION

Fertiliser, Fuel and Food: the Win-Win Model

organic fertilisers

renewable energy

eco-sanitation

CLEANER WATER

MORE, BETTER ENERGY

The potential is there, where is the will?

Globally, less than 1% of research and development money is spent on ecological farming solutions

Governments, donors, and philanthropies: will you come forward to scale up this win-win model?
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For full report visit:

<http://www.greenpeace.org/india/en/news/Feature-Stories/Greenpeace-India-launches-Living-Soils-campaign-in-Bihar/>

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