Magdalena at Metabolic

IIP in Amsterdam, Netherlands
Summer of 2014
Class of 2016
What is Metabolic?

"Metabolic is a cleantech development and systems consulting firm." (metabolic.nl)

Three areas:
- Consulting
- Showcase projects
- Base research for sustainable technologies

Cleantech playground "De Ceuvel"

What I did!
And helped with various projects:
- Construction at De Ceuvel
- Mushroom farming
- Setting up geodesic domes at festivals
- Etc.
We don’t deal well with human waste.

Toilet

Food!

Yay, closed cycle!

Waste – boooo, loss of nutrients!

I worked on this part!
My job:
Design, build, implement, run, research and document Black Soldier Fly composting.

blacksoldierflyblog.com
Breeding Chamber

Grow our own larvae!

Black Soldier Fly

Our babies! You think gardening is rewarding? Try this!!
What else did I learn?

Metabolic engineering projects are amazing in building fast cars.
Sustainability is where it's at.
Amsterdam is filled with good things and people.

With whom do I want to work?
I found something so different so close to my hometown. I’m thankful for that.

“We are surrounded by adventure if we just knock on a different door than we do every day.”
(The Art Assignment, Christopher Robins)