



# Cargo Bike Framebuilding Apprenticeship Program

With the current popularity of cargo bikes we have seen an influx of builders and importers bringing more bikes to market. But it's not just about bikes. For over 20 years Jan VanderTuin through **Human Powered Machines** has been focused on localizing the production of cargo bikes and fitting them into community. It's time to pass it on. The apprenticeship program prepares individuals to create their own unique, bicycle-based social enterprise and shop. We aren't just training for bike building... we emphasize finding a broader context for your skills. For example; your shop might also be a teaching facility for at-risk kids. Or you may have a CSA delivery business, driven by cargo bike.



Apprentices from Spring 2011 loading HPM's Express with produce they grew themselves.



Former apprentice Wibke on her Long Haul with carrier that she designed and built for her two children.



Henry from Canada in a Long Haul frame of mind.

## We offer intensive, hands on training in :

- Welding, brazing, machining and powder coating.
- Designing and prototyping in computer aided design (CAD)
- Industrial sewing based on our production line of rain gear.
- Organic gardening with emphasis on the true cost of food
- Marketing, website and graphic design
- Building A Long Haul Cargo Bike

Our dream? To create a formal association, the **Human Powered Network**. To bring together small scale cargo framebuilders into a cooperative entity using the established designs of Human Powered Machines. These designs are offered as open-source to apprentices who have completed the program.

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