BATH HOUSE

Each space in the camp works with the others to create a living system that supports its crew. The bath house collects, filters, and recycles water, providing hot recirculating showers and composting toilets so that the crew can focus on their work. Solid waste from the toilets is reduced to biochar in the power plant.

POWER PLANT

A solar panel array provides a healthy basic income of solar energy, while a biomass reactor enables the crew to generate energy from wastes, reducing them to biochar in the process.

WORKSHOP

In the workshop, the crew turns recycled plastic flakes and other materials into new parts for the camp, using a range of open source tools, including a 3D printer that prints large objects directly from the waste plastic flakes.

KITCHEN AREA

The kitchen area allows the crew to prepare themselves hot meals using solar energy and biochar as their fuel. Cheap, efficient electric pressure cookers allow for basic cooking needs with solar power, while a charcoal powered grill allows fire higher-energy cooking.

RECYCLING CENTER

In the recycling center, wastes are sorted into bins by type.

Burnable organic wastes are sent to the power plant to become biochar and energy, while recyclable plastics are shredded and sent to the workshop to be made into new plastic objects.