

Re-Organise - The Game - English- V2.0

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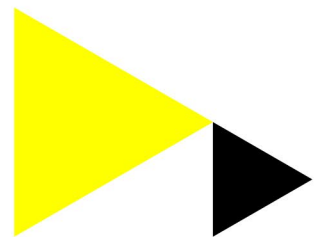
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You are a small-scale, socially driven beer brewer with the ambition to grow and you produce and sell local and regional specialty beers with a social and sustainable image. The story behind your company and the products is important and contributes to the "experience" of your end product. Closed local cycles, sustainability and biological raw materials fit in well with this. You wouldn't mind making an effort for this, but it has to be cost-effective. Find partners to achieve your goal!

Necessities

Electricity	6000 kWh/year
Gas	5500 m3/year
Heat	2000 kWh/year

Waste streams:

Brewer's grains	15 tons/year
Organic waste	2 tons/year

Other assets:

Small amount of money to invest	(1 card)
Bit of labour time	(1 card)
Small outdoor green space	(1 card)
Indoor Workshop and exhibition facility	(1 card)



BREWERY

Bierhier



You own a business park on the countryside, with office spaces, studios and small-scale catering establishments. Tenants are mainly sustainable creative people, mostly artisanal, and appreciate the rural nature of their workplace. Tenants are responsible for site maintenance, and self-employment plays an important role in this. You are open to new initiatives, and the organisation and costs involved are an important point of attention

Necessities:

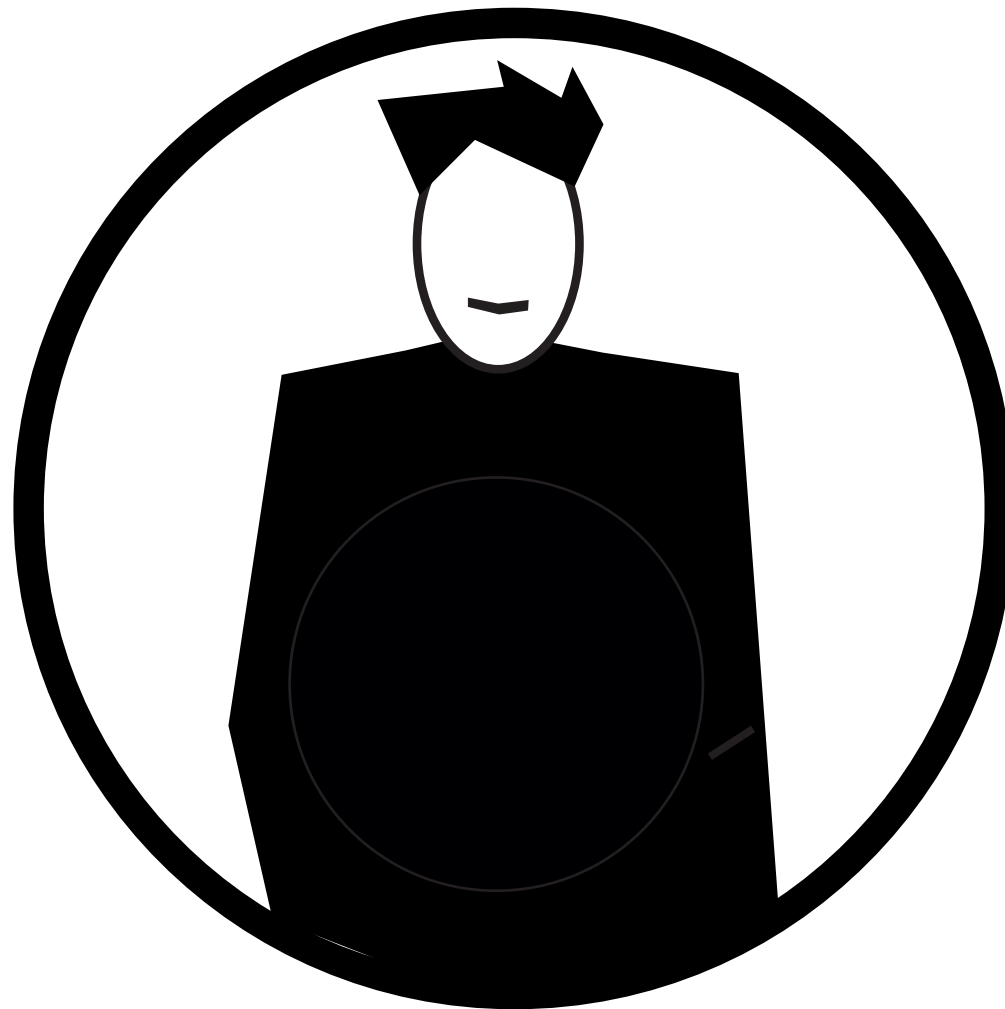
Electricity	100 kWh /year
Gas	10000 m3/year
Firewood	20 tons/year
Heat	3000 kWh/year

Waste streams:

Reed	2 tons/year
Raw organic material	1 ton / year
Garden waste (pruning)	1 ton / year
Grass	10 tons / year
Coffee grounds	1 ton / year

Other assets:

Little amount of money to invest	(1 card)
Indoor space	(1 card)
Outdoor green space and amfitheater	(2 cards)



BUSINESS PARK Maple



You are an experienced, entrepreneurial farmer with a mixed farm who grew up in this environment. You are bursting with ideas to further develop the area and you see opportunities to involve people from the immediate area in the production of food in an educational way. The use of local waste streams can also lead to financial benefits. You have a wide network of entrepreneurs and local government and you therefore know how difficult it is to get a farm started in terms of business economics.

Necessities:

Electricity	100 kWh/year
Gas	4000 m3/year
Liq. & solid manure (processed)	up to 10000 tons/year
Compost, animal feed	up to 10000 tons/year
Hay	up to 10000 tons/year
Straw	up to 10000 tons/year

Waste streams:

Verge grass cuttings	100	tons/year
Liquid manure	10	tons /year
Raw manure	80	tons /year
Ditch crops/reed	300	tons /year
Raw organic material	10	tons /year

Other assets:

Little amount of money to invest	(1 card)
Outdoor space	(2 cards)
Knowledge: composting, storage	(2 cards)
Machines (tractors, shredder, gardening tools)	(4 cards)
Network: other firms and government	(2 cards)



Agricultural contractor Noest



You are a successful and busy gardener and you work a lot on behalf of the government through tenders. You are personally interested in sustainability, but regulations, specifications, certificates and costs (market forces!) are very important points of attention in your business. You have a wide network of clients and suppliers.

Necessities:

Stabilized raw and liq. manure	up to 10000 tons/year
Stabilized organic manure	up to 10000 tons/year
Compost	up to 10000 tons/year

Waste streams:

Verge grass cuttings	50 tons/year
Garden waste (leaves)	20 tons/year
Wood chips	1200 tons/year
Garden waste (pruning wood)	300 tons/year

Other assets:

Knowledge: mushroomproduction	(1 card)
Machines (tractors, shredders, tools)	(3 cards)
Network: government, firms	(2 cards)



Gardeners Groene Vingers



In addition to your work as a green manager at a large company, you also take care of a small-scale livestock farm with 8 cows, 30 sheep and a few chickens. You find the idea of arranging everything circularly interesting, but how do you make sure all costs are covered? You are interested in new sustainable technologies and you think that cost benefits can be achieved. You are therefore willing to think about it or to put in some extra effort.

Necessities:

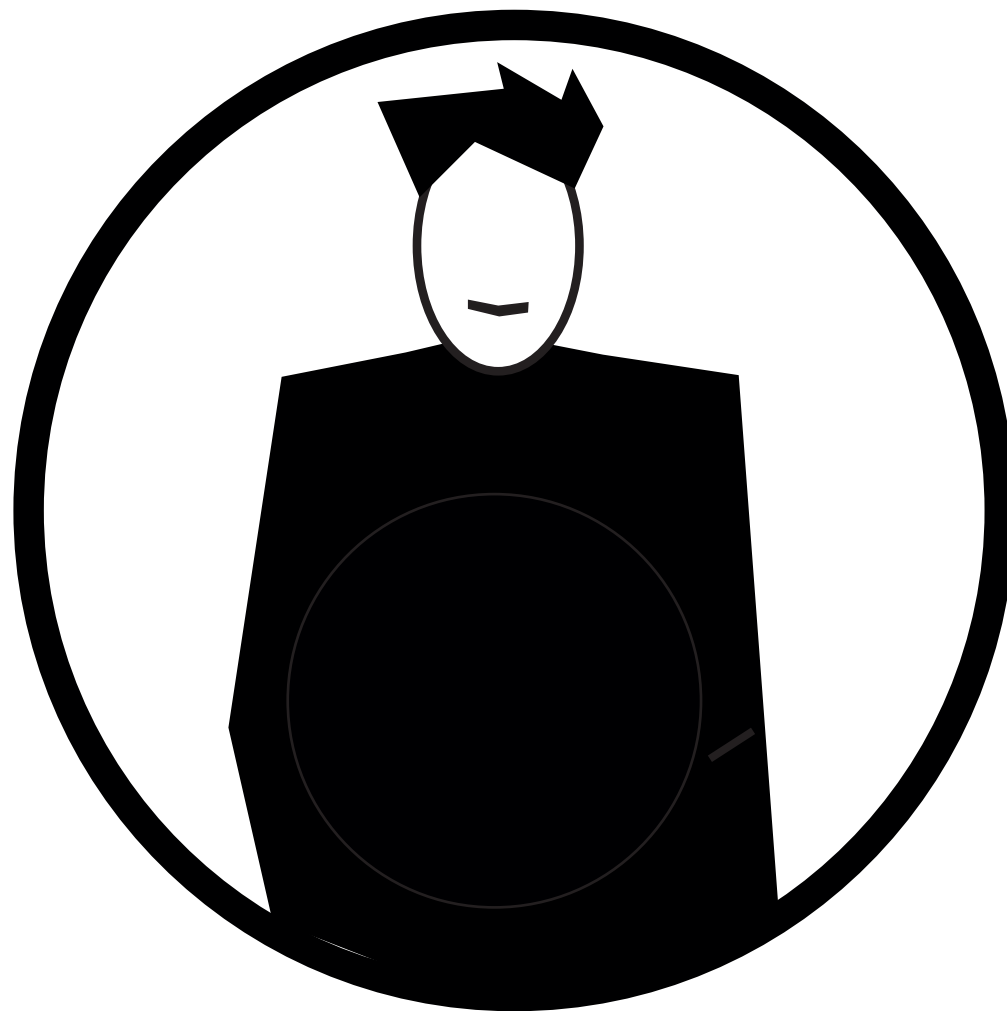
Brewer's grain	2 tons/year
Animal feed	2 tons/year
Electricity	10000 kWh/year
Hay	25 tons/year
Stale bread	2 tons/year
Straw (dry grain stalks)	up to 10000 tons/year
Heat, or gas	4500 kWh/year, or 1700 m3/year

Waste streams:

Raw manure	40 tons/year
Ditch crops/reed	10 tons/year

Other assets:

Little amount of money to invest	(1 card)
Outdoor space	(1 card)
Machines: tractors, ploughs, shovel	(3 cards)
Knowledge: digestion, manure separation	(2 cards)



Cattle farmer
Nagel



You are a board member of a non-profit horse stable with 26 ponies and 4 horses. The site is rented from the municipality and people come from the wider area to ride horses affordably and in a free environment. You do see opportunities to collaborate more intensively with other companies in the area, provided this is properly coordinated with the volunteers.

Necessities:

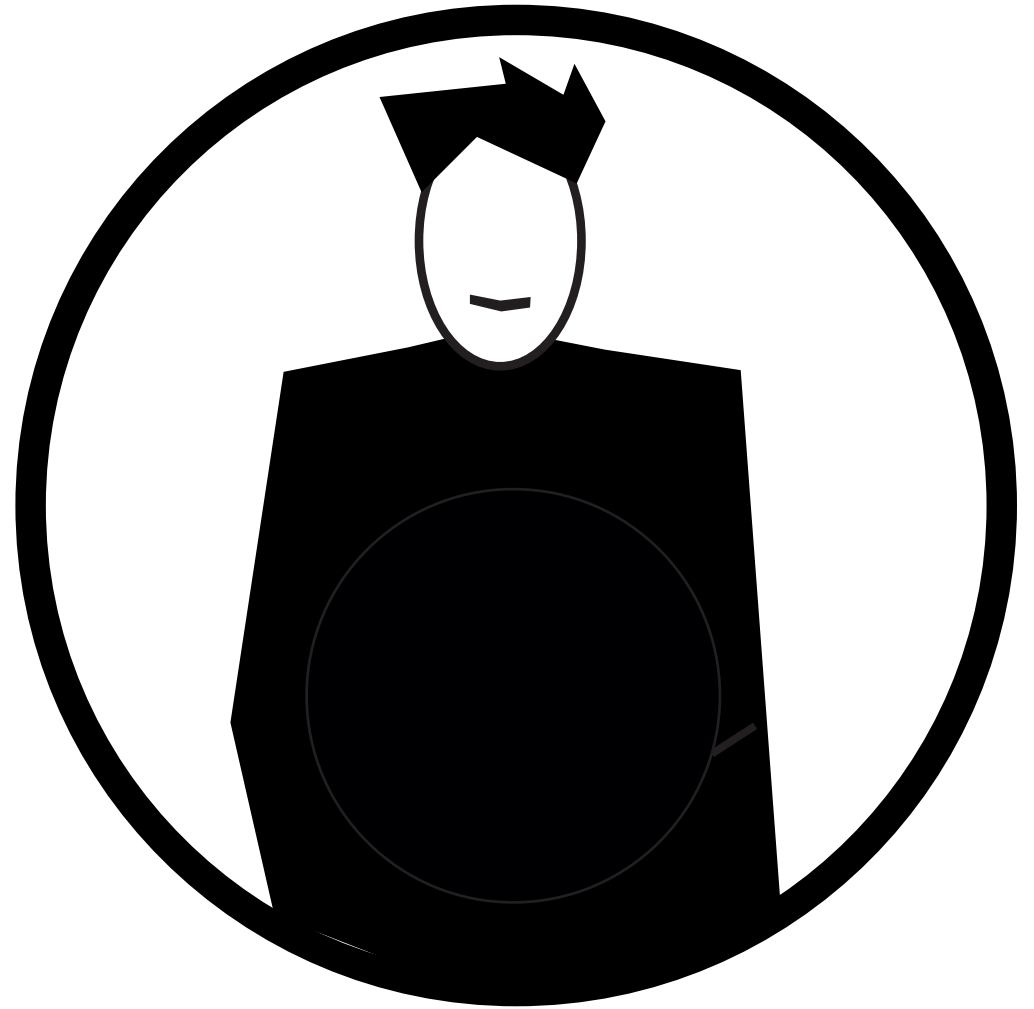
Animal feed	12000 kg/year
Electricity	35000 kWh/year
Gas	2000 m3/year
Hay	50 tons/year
Saw dust	10 tons/year
Straw (dry grain stalks)	50 tons/year

Waste streams

Raw manure	200 tons/year
Saw dust (used)	12 tons/year

Other assets:

Little amount of money to invest	(1 card)
Outdoor space	(1 card)
Indoor space: canteen	(1 card)



Horse stables Ezelsoor



You run a small-scale cattle farm with 30 cows and some young cattle and you grew up here. You have loyal customers, and you see opportunities to attract more people to the area through additional activities aimed at children and schools, such as polder sports and a pancake farm. Your interest in local life cycles mainly concerns the certainty of quality and healthy food. However, the current arrangements regarding lease and property rights make it difficult to make new plans.

Necessities:

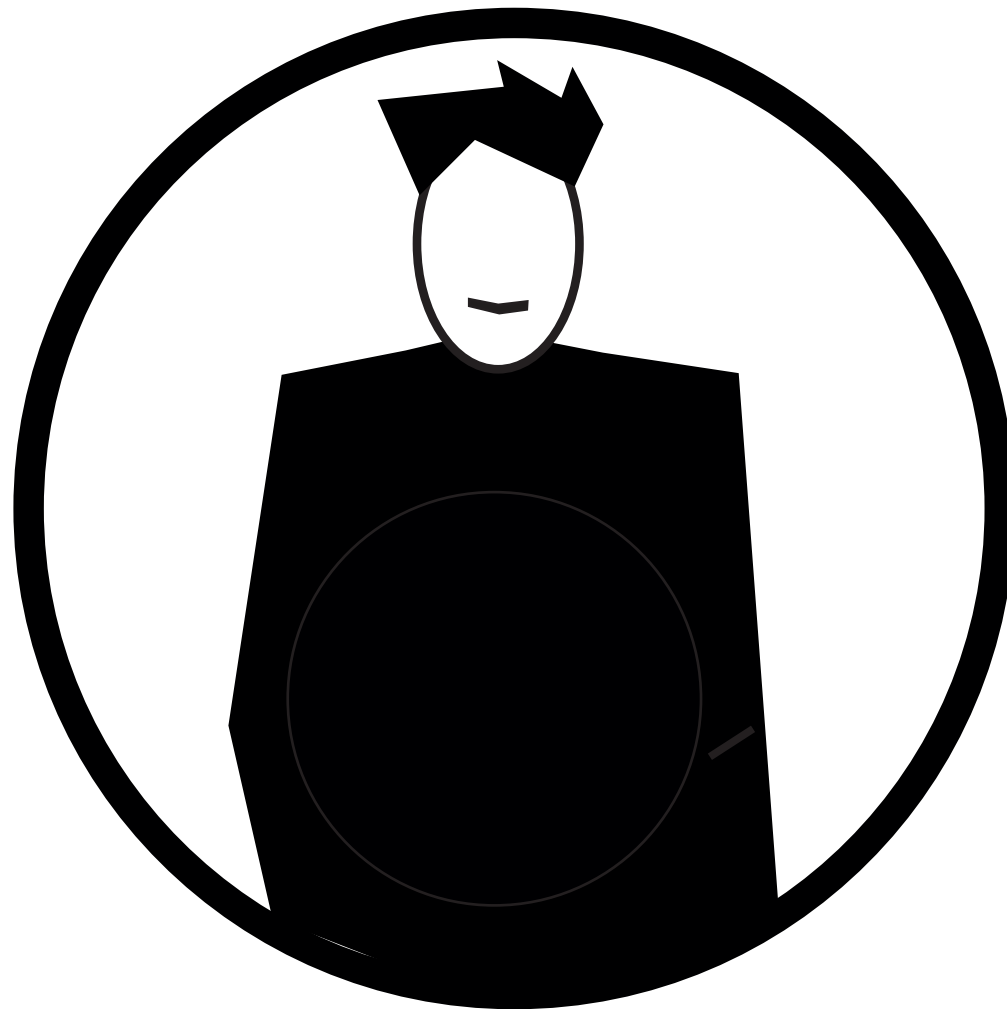
Brewer's grain	15 tons/year
Animal feed	5 tons/year
Electricity, Gas, or Heat	5000 kWh/y or 2000 m3/y
Grass, or Hay	100 tons/year
Wood chips	up to 10000 tons/year
Chicory roots	5 tons/year
Stale bread	5 tons/year

Waste streams:

Raw manure	50 m3/year
Ditch crops/reed	10 tons/year

Other assets:

Little amount of money to invest	(1 card)
Knowledge about manure separation, silage	(2 cards)
Outdoor space	(1 card)



Dairy farm
Zondernaam



You own a nursery with 16 employees. You try to meet the demand in a regional / national market as efficiently as possible. If there are cost benefits or more revenue can be achieved with circular or sustainable business operations, then you certainly have an ear for it. For the time being, the eco-label is the starting point of your CSR policy, but you expect your customers to be unwilling to pay much extra for sustainability. You think that a sustainable image will become important from a marketing point of view.

Necessities:

Electricity	150000 kWh/year
Gas	850000 m3/year

Waste streams:

Crop residues (green)	400 tons/year
Raw organic material	1 ton/year
Coconut fibres	300 tons/year

Other assets:

Money for big investments	(3 cards)
Sheltered labour workers	(3 cards)
Outdoor and indoor space	(2 cards)



Nursery Sloot



You are a gardener with 8 employees and a regular clientele. You want to deliver quality, but you think that for most customers the price is the deciding factor. You have a Green label because municipalities and housing associations think that is very important. You usually purchase materials from suppliers who can supply a total package and for the disposal of residual material tend to go for the cheapest option.

Necessities:

Stabilized organic manure/fertilizer	4000 tons/year
Compost	4000 tons/year
Wood chips	1000 tons/year

Waste streams:

Grass cuttings	100 tons/year
Garden waste (leaves)	50 tons/year
Ditch crops/reed	10 tons/year
Garden waste (pruning wood)	200 tons/year

Other assets:

Little amount of money to invest	(1 card)
Knowledge: composting, mushrooms	(2 cards)
Machines: tractors, vans	(2 cards)
Outdoor space	(1 card)



Gardener Klein

You are a director of the recreation board and therefore responsible for the development and management of the recreation area. The physical maintenance is outsourced. The municipality indicates the content that must be given to an area and you elaborate this in work descriptions for tenders. In principle, tenders are only concerned with price and continuity. A good relationship and clear agreements are important. Larger companies will therefore receive a tender offer sooner. What happens next with the waste streams hardly plays a role in business operations, if at all.

Necessities:

Gas	50000 m3/year
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Waste streams:

Grass cuttings	1000 tons/year
Wood chips	1200 tons/year
Dredge slurry (raw org. material)	1000 tons/year
Ditch crops/reed	750 tons/year
Garden waste (pruning wood)	300 tons/year

Other assets:

Knowledge: silage, storage	(2 cards)
Machines: tractors, pickup trucks, shredder	(3 cards)
Network: governmental institutions	(2 cards)



**Gov. recreational
area manager**



You run a restaurant and want to be as sustainable as possible. According to you, circularity is primarily a question of good cooperation and focused on concrete actions. If the collaboration does not lead to concrete results quickly enough, it must be enforced. For your restaurant it is important that the appearance and look are taken into account when coming up with new technical solutions. In short: you are looking for aesthetic solutions.

Necessities:

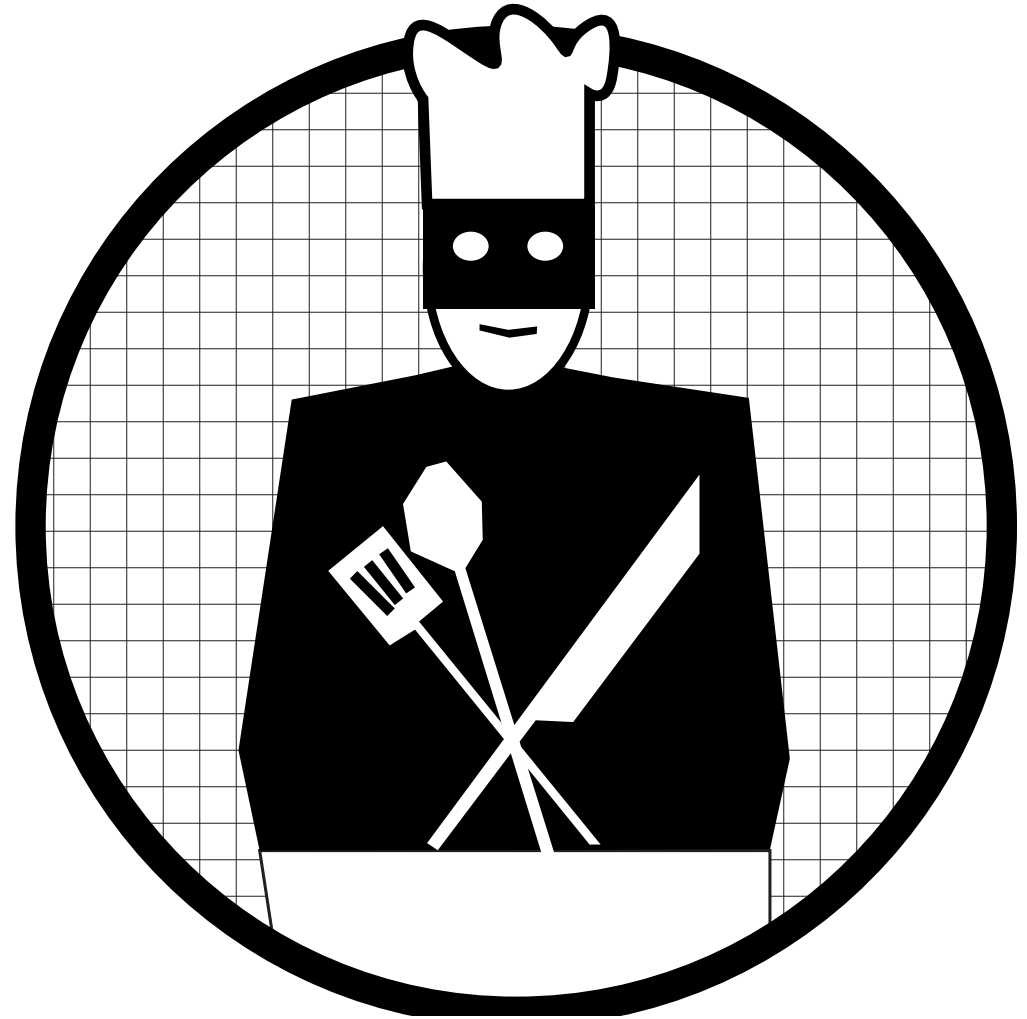
Electricity	60000 kWh/year
Gas or heat	2500 m3/y or 6500 kWh/y

Waste streams:

Crop residues (green)	1 ton/year
Organic waste	1 ton/year
Fat	1 ton/year
Coffee grounds	1 ton/year

Other assets:

Space for events and exhibitions	(2 cards)
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Restaurant De Boer

You are part of the board of an allotment garden association and you are particularly interested in the (future) possibilities of circular use of biomass and your own green management. However, according to you, entrepreneurs and users are hardly concerned with this, so it is more a matter of the long term. In the short term you do see opportunities for education with individual initiatives, but more long term collaboration is considered to be important.

Necessities:

Stabilized organic manure	up to 1200 tons/year
Compost	up to 1200 tons/year
Electricity	1800 kWh/year
Gas or heat	1500 m3/y or 3500 kWh

Waste streams:

Crop residues (green)	1 ton/year
Ditch crops/reed	10 tons/year
Garden waste (pruning wood)	100 tons/year

Other assets:

Little amount of money to invest	(1 card)
Knowledge: insectbreeding, wormcomposting, biomeiler	(3 cards)
Outdoor space	(1 card)
Network (local government, other firms)	(2 cards)



Allotment garden paRADIJS



You manage various business parks on behalf of the municipality. One site borders urban agriculture and consists partially built of restaurants and hotels. Activities such as green management and monitoring are outsourced to specialized companies. You personally enjoy sustainability very much and you like to participate in initiatives such as locally sourcing materials, closing cycles and planting flowers. Budgets and costs are leading for your employer, so all initiatives are assessed on that basis. Current issues are drainage, litter, cleanliness and pest control.

Restaurant

Business Park

Necessities:

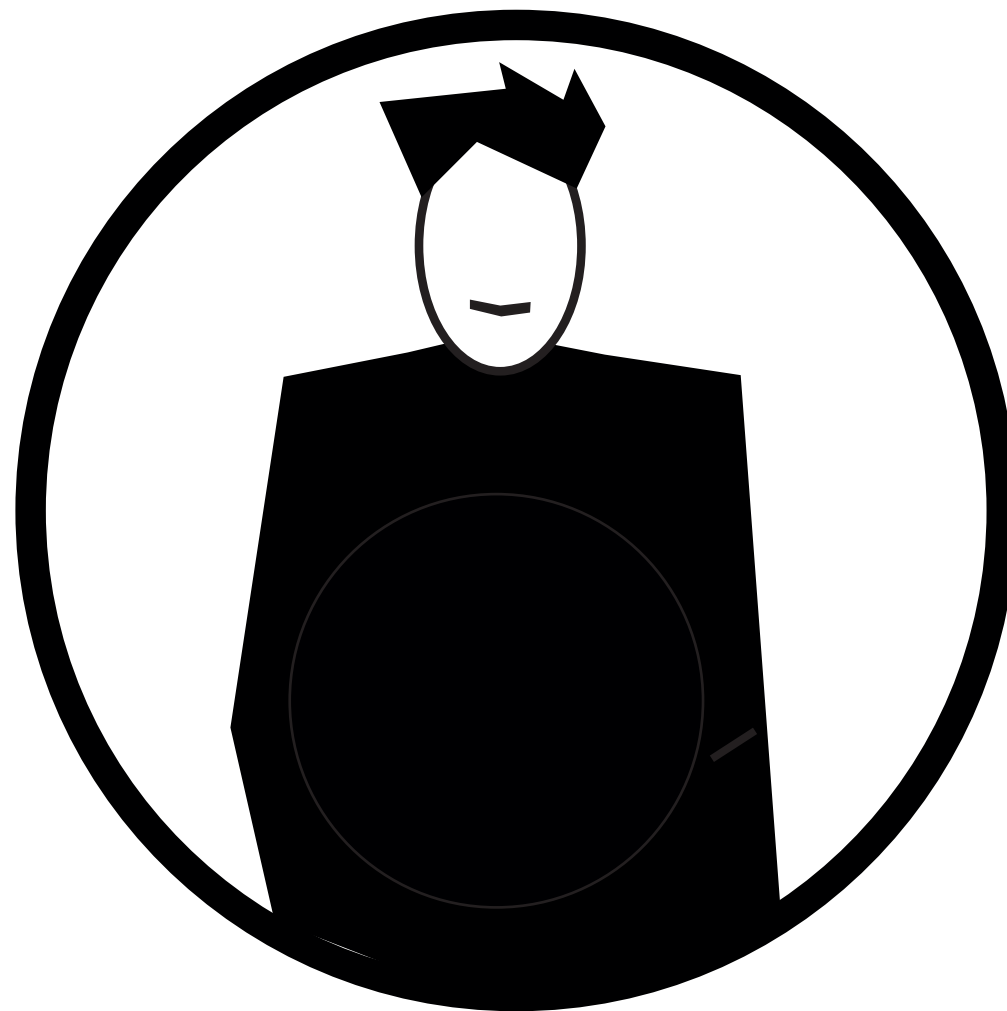
Stabilized organic manure	up to 1000 tons/year
Compost Electricity	up to 1000 tons/year
Gas	200000 kWh/year
Heat	30000 m3/y, or 70000 kWh

Waste streams:

Grass cuttings	10 tons/year
Ditch crops/reed	50 tons/year
Garden waste (pruning wood)	25 tons/year
Coffee grounds	1 ton/year

Other assets:

Money for big investments	(3 cards)
Indoor and outdoor space	(3 cards)



Parkmanagement Symbicorp.



You are the owner of a fruit orchard and a proponent of small-scale business operations. You become enthusiastic about projects and techniques based on the principle of doing everything as simple as possible, preferably as close as possible to and around your own company premises.

Necessities:

Compost	up to 20 tons/year
Electricity, Gas, Heat	2000 kWh/year
Firewood	2 tons/year
Animal feed	5 tons/year

Waste streams:

Champost	1 ton/year
Digestate	5 tons/year
Crop residues (green)	2 tons/year
Organic waste	1 ton/year
Wood chips	1 ton/year
Ditch crops/reed	10 tons/year
Garden waste (firewood)	1 ton/year
Chicory roots	1 ton/year

Other assets::

Little amount of money to invest	(1 card)
Exposition and meeting facilities	(1 card)
Outdoor space	(1 card)
Indoor shop for organic products	(2 cards)
Knowledge: biomeiler, digestion, compost	(3 cards)
Work time	(1 card)
Machines (shredder)	(1 card)



Fruit gardens Jumjum



You are an "organic grower" of herbs and vegetables and you have an ecological design of your garden. You are interested in organic, but you have doubts about the feasibility of it in this environment (particulate matter) and the quality. For you, efficiency in operations does not mean that you use the land as intensively as possible, but why bother when things can also be done easily". You mainly deliver to restaurants and there it is more about the service, freshness and taste than the price. Your vegetables are richer in nutrients because you enrich the soil with natural elements that belong in a healthy intestinal flora.

Necessities:

Stabilized organic manure	10 tons/year
Compost	10 tons/year
Wood chips	1 ton/year

Waste streams:

Crop residues (green)	2 tons/year
Raw organic material	1 ton/year

Other assets::

Little amount of money to invest	(1 card)
Outdoor space	(1 card)
Machines: tractors	(1 card)
Knowledge: composting	(1 card)



Arable farm (Uitdeklei)



You own a small hobby farm on a unique spot of wet peat land next to the city with 14 cows, 28 sheep, 2 goats and 8 chickens. You prefer when products come from the neighbourhood; that is cheaper and it is nice to know from whom you buy it.

Necessities:

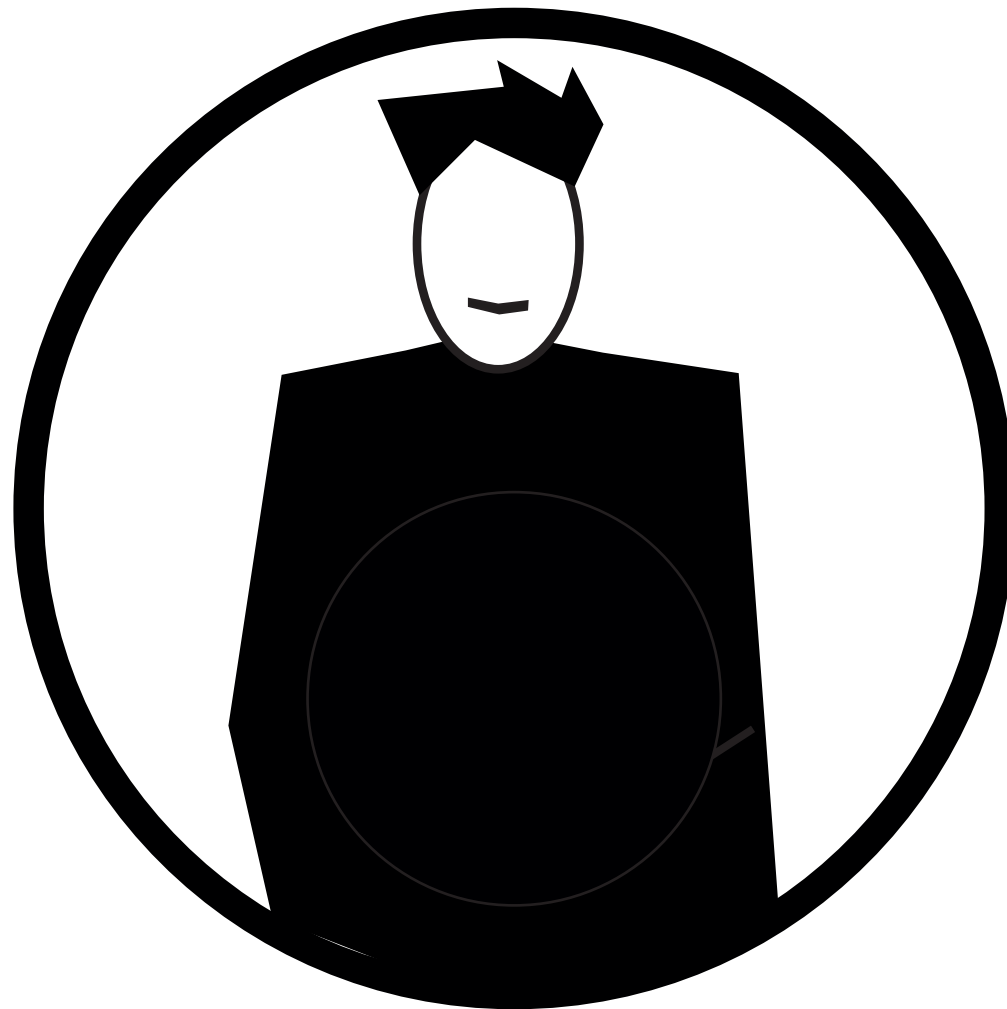
Straw (dry grass cuttings)	5 tons/year
Hay	5 tons/year
Brewer's grain	2 ton/year
Animal feed	2 ton/year
Electricity	3500 kWh/year
Heat	4500 kWh/year
Grass	12 tons/year
Wood chips	2 tons/year
Stale bread	1 ton/year

Waste streams:

Raw manure	10 tons/year
Ditch crops/reed	10 tons/year

Other assets:

Little amount of money to invest	(1 card)
Outdoor space	(1 card)
Knowledge about manure separation, silage, storage	(3 cards)



Cattle farm
Benji



You own an organic arable farm with volunteers and you want to produce food responsibly. You also provide a pleasant place for people with a distance to the labour market. In addition to direct sales through a small shop, your products are sold to products from organic food. You have a preference for products and fertilisers from the immediate area because it is more practical and cheaper. You are also interested in waste streams that could come to the company, but they must be organic.

Necessities:

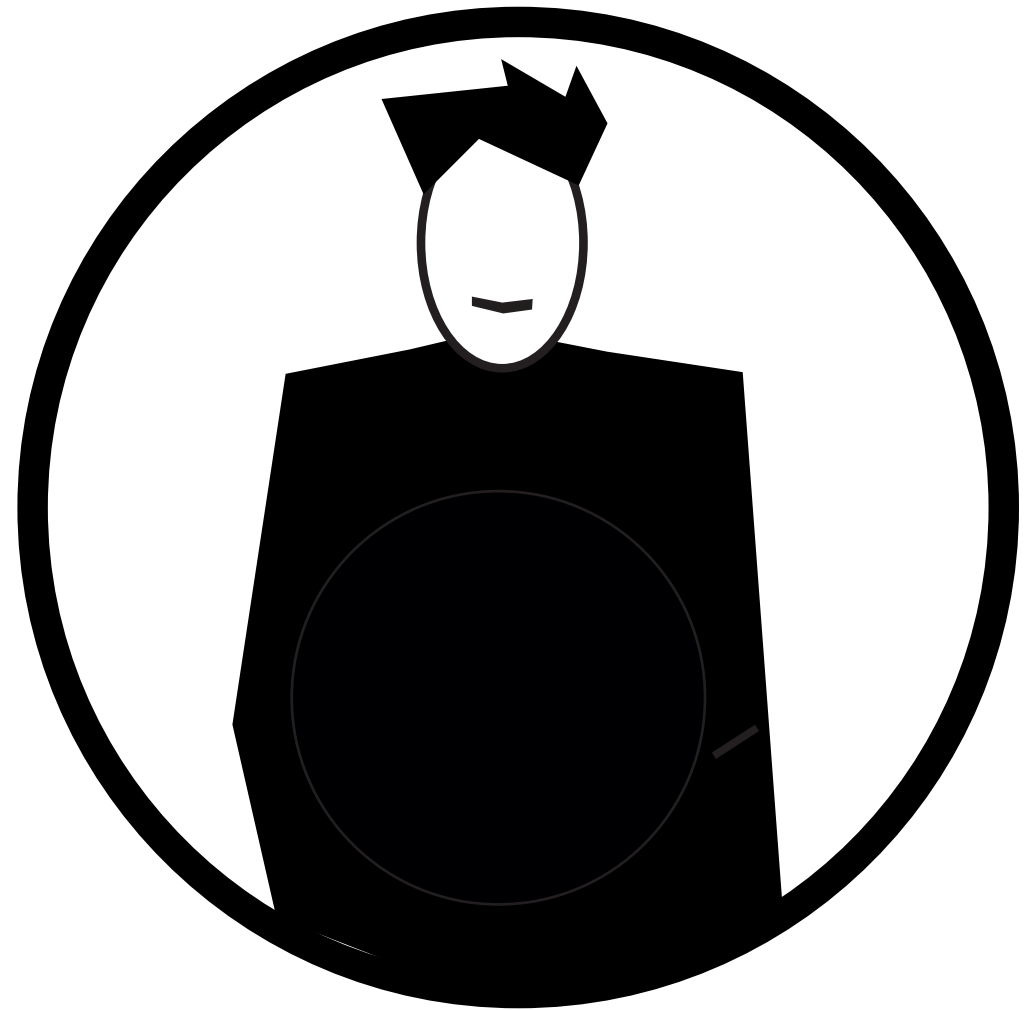
Firewood	60 tons/year
Champost	250 tons/year
Electricity	15000 kWh/year
Hay	2 tons/year
Straw	2 tons/year
Compost	5 tons/year
Animal feed	250 tons/year
Gas or heat	2000 m3/y or 4500 kWh/y

Waste streams:

Organic waste	1 ton/year
Ditch crops/reed	2 tons/year
Garden waste (pruning wood)	1 ton/year

Other assets:

Little amount of money to invest	(1 card)
Outdoor space + shop	(2 cards)
Knowledge: wormcomposting	(1 card)
Sheltered employment workers	(5 cards)



Care farm
Blij

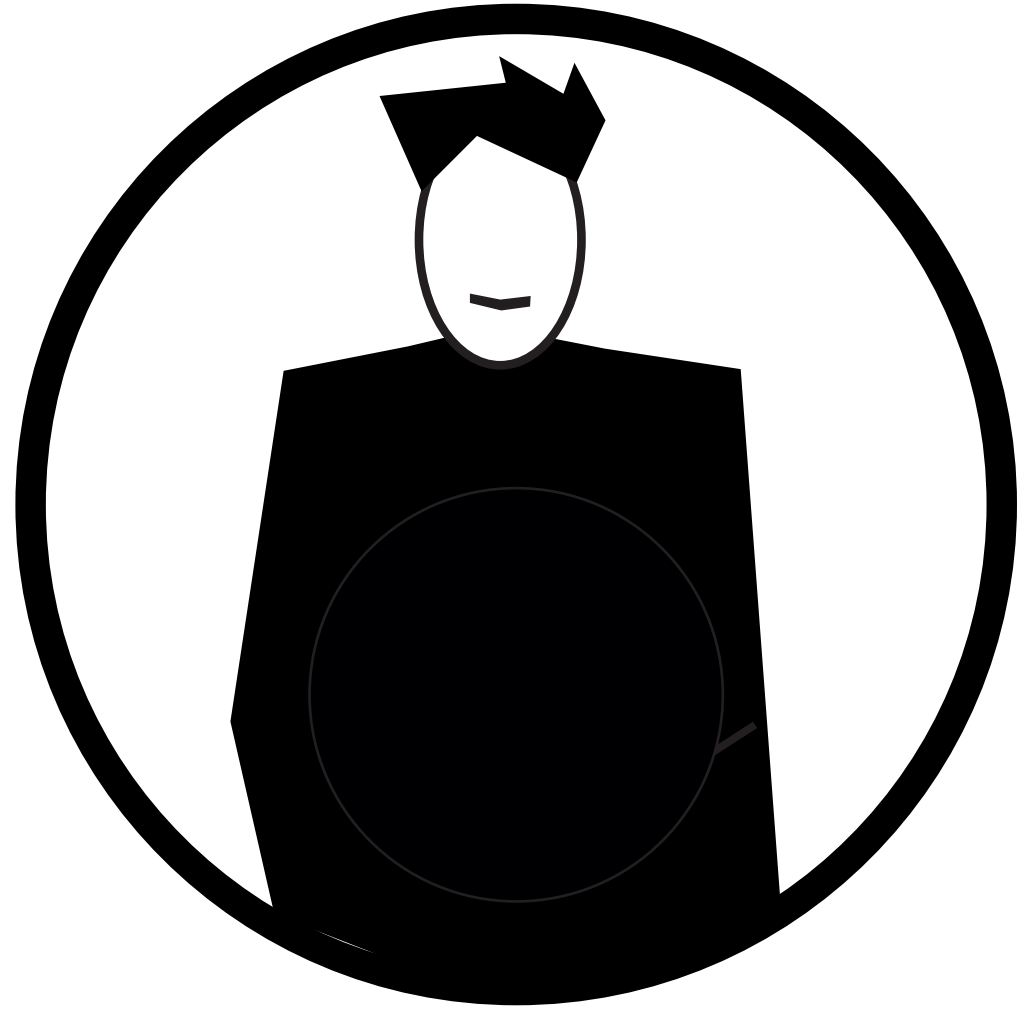


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Necessities:

Waste:

Other assets:



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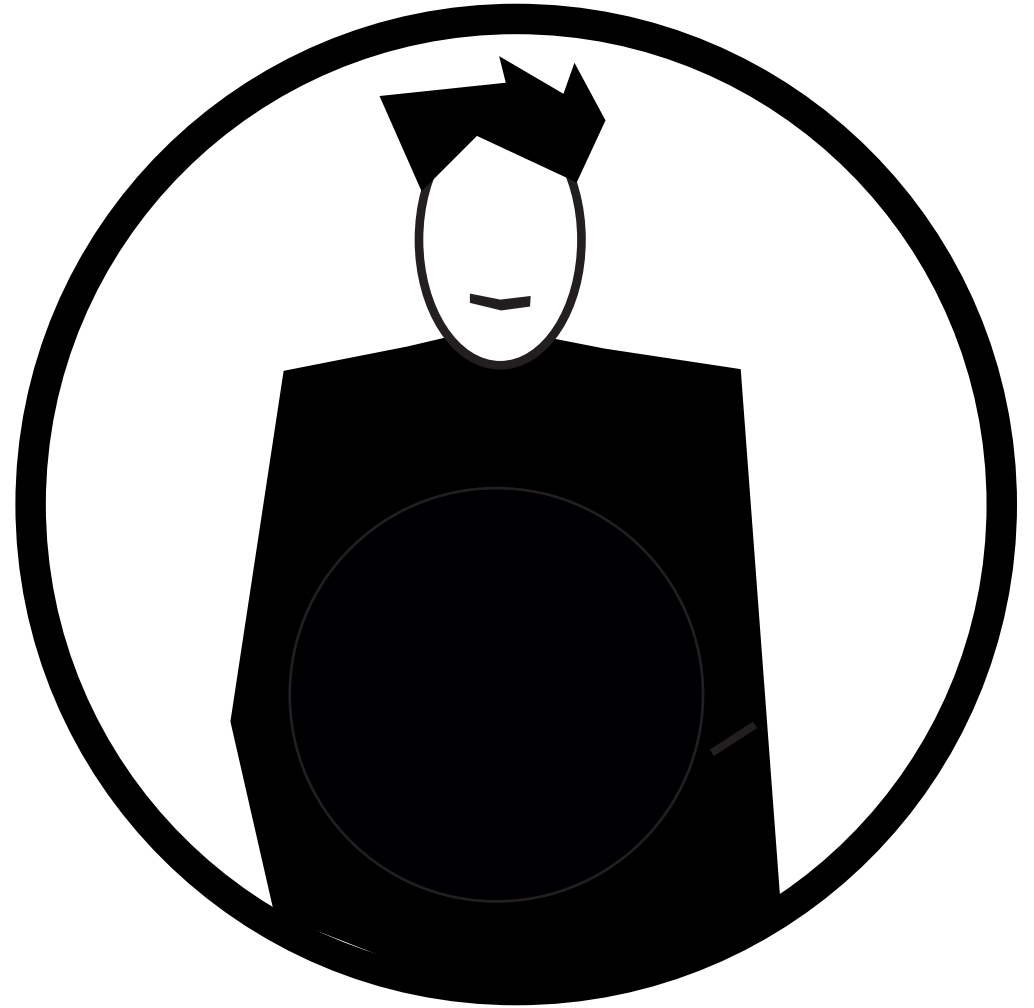


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Necessities:

Waste:

Other assets:



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