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VEVELSTAD 2040

The Vevelstad Model

Vevelstad 2040 is cooperative initiative by both the city council and the industry of Vevelstad. It is a new societal model and the plan consists of several minor measures to make Vevelstad a sustainable and more self sufficient town. It will be environmentally sustainable, but also socially sustainable. This is done by offering extended UBS and UBI, and by taking advantage of the power of big data and new innovative technological and autonomous solutions. An important aspect of the Vevelstad model is also the close cooperation and sharing of knowledge between both private and public actors. The heart of the town is the Vevelstad Community Center. In many ways the space is a compressed version of the town itself and showcase how the different industries work together and innovate. The Community Center is also a place where people from all walks of life come together to socialize, create, share and trade.

Off-grid electricity

Private homes, factories and public buildings produce their own electricity through solar panels and small scale wind turbines. This makes the city more self sustainable and independent of the central power network.

Healthcare

The healthcare industry is heavily reliant on big data and computer vision, such as traffic flow, X-ray, MRI or microscopic digital pathology. Vevelstad will be a hub for innovation in healthcare, and the industries can be quite nearby. Vevelstad's autonomous transportation solutions will be tested here. Local prototypes of medical equipment will be ordered to an after hours production and medical supply center.

Data in Vevelstad

All autonomous machinery in Vevelstad share data between each other. This data is also available for the public and can be used to see activities in the municipality. Which all types of data is available is decided by the municipality and the local industry. Even human input will be important, because not all data can be easily translated to one and zeros.

Machine learning

Machine learning increases the day-to-day efficiency of an urban society. It can be used to optimize traffic flow, predict when a machine need maintenance, and optimize delivery operations. In the Vevelstad model, machine learning algorithms will be used to optimize the use of resources and to make society more sustainable.

Local building materials

Locally produced building materials like timber is used in the building of new factories, private homes and the building of the Community Center. Timber is a renewable, sustainable building structure, and can even be used for building skyscrapers. The nearest sawmill is about 2222 km and has easily capacity to supply.

Vevelstad Kolonial

As a part of The Vevelstad Model, the city council has decided to establish a centrally operated store. The store is owned and run by the municipality, and it sells local produced goods and other products in the area. Whether it's fish from fishing, flour from local farms or a pair of rubber boots, the store will have everything a normal rural community store would have. The store is also a place where people can socialize and share information. The store is also a place where the municipality can get a glimpse into what is moving within the development of the town. The store will also have a small cafe, and it will also be a grocery selling only the use of big data to improve production and logistics. The store will also be a place where people can meet with municipality officials and participate in local decision making. The store will also be a place where people can buy and exchange non-food or with locally produced food, goods and services. The store will also be a place where people can drop off items into a makerspace with discarded materials and free help to the community. The store will also be a place where people can drop off items deemed unhealthy or to be landfilled. There is also a section for electronic waste, and there will be a small workshop and charging for autonomous production robots. The money production by the store will go back to the municipality, and will be used to fund the Fossil, a local hydrofoil or a free service of showing of new movies in the Community Center. The store will also be a place where people can collect food.

Community Center

The Vevelstad Community Center is the physical embodiment of the Vevelstad model. It houses a wide range of different industries, facilities, or those, combining people and shapes of the local community. The Community Center is a place where people can meet and can get a glimpse into what is moving within the development of the town. The Community Center is also a place where people can grow/cook eating and the use of big data to improve production and logistics. The Community Center is also a place where people can meet with municipality officials and participate in local decision making. The Community Center is also a place where people can come to sell locally produced food, goods and services. The Community Center is also a place where people can drop off items into a makerspace with discarded materials and free help to the community. The Community Center is also a place where people can dispose unhealthy or to be landfilled. There is also a section for electronic waste, and there will be a small workshop and charging for autonomous production robots. The money production by the Community Center will go back to the municipality, and will be used to fund the Fossil, a local hydrofoil or free service of showing of new movies in the Community Center. The Community Center will also be a place where people can collect food.

What will people do?

When Vevelstad created the expanded UBS and the UBI system, it was important that everyone in the town felt that they would benefit from them. It is technically called a Dividend. Everyone in the town will receive a dividend from the sale of goods or products that were made locally. This income comes on top of the UBS and UBI. The dividend will be paid out monthly, and it will be calculated the year after. It will include all income, expenses and profit from the municipality, and it will also include a small amount of enhanced protection. During all forms of the day the market square will be a place where people can sell locally produced goods and services, based on products gained from the dividend. The Vevelstad Kolonial will also be a place where people can come to sell what you make.

Electricity production

Vevelstad aim to electrify many from offshore wind energy. Electricity is used to power the factories and other industries. It is transported to the hydrogen production site, and stored as hydrogen. Hydrogen is a renewable energy source and it can make power network more protection in high

Multi-trophic aquaculture

Vevelstad is currently home to a MTA farm, the Vevelstad Aquaculture Station, which is based in a production facility from August 2019. The facility is based on a recirculating aquaculture system (RAS) and is located in the Vevelstad Aquaculture Station. The facility is currently producing Atlantic salmon, Atlantic halibut, Atlantic cod, Atlantic wolffish, Atlantic scallop, and Blue mussel. The facility has a total production capacity of 1,000 tonnes per year. The facility is currently producing about 500 tonnes per year. The facility is currently producing Atlantic salmon, Atlantic halibut, Atlantic cod, Atlantic wolffish, Atlantic scallop, and Blue mussel. The facility is currently producing Atlantic salmon, Atlantic halibut, Atlantic cod, Atlantic wolffish, Atlantic scallop, and Blue mussel. The facility has a total production capacity of 1,000 tonnes per year. The facility is currently producing about 500 tonnes per year