Smarta BYAR®

Be part of creating a sustainable society

A research Village for sustainability

Welcome to Veberöd, a village in south of Sweden!

Literally a research Village for what is sustainable for the society.
Here we invite universities, companies, organisations, everyone that has a passion to research, test and develop what makes the planet a better place.
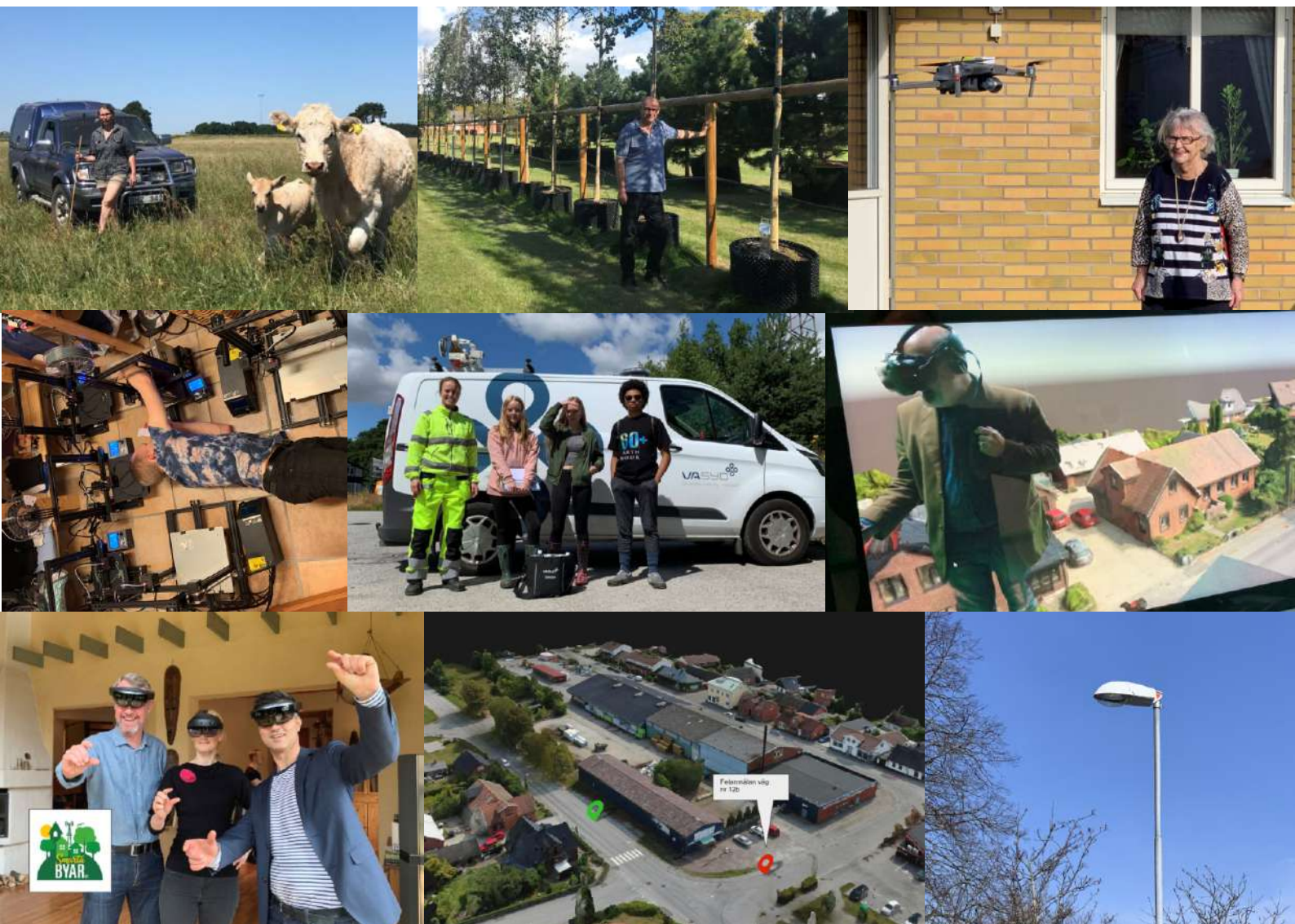
Cooperation and tranparency creates sustainability for everyone.

During the years we have developed a platform for local communication. That means that we get good feedback from the village itself.

Measuring water bins for cows, smart trees that tells us when they need water, bicycles that tell when they are stolen, medicin with drones, 3D-printing, water quality projects, a 3D-model of our village, AR for health, smart lights... the list is long what we already tested and the village is open to develop and test even more!

IoT platform

We have local IoT platform, that are free to use for research purposes. It is Kraftringen AB that supply the village with this LORA-platform and makes it possible to connect sensors in the village for free.
Data sharing platform, Yggio, makes it easy to share data among us.

The village is open for universities, companies and private persons that wants to research and see what is really working and what the real needs are. Innovation should always come from the needs and here the village provides great feedback.

FabLab

A Fabrication Laboratory, FabLab, is also started in our village. It means that projects that wants to see what can be produced locally is very possible. With 1900 FabLabs around the world, a global network of local productions in the name of sustainability is available.

With addative manufactoring like 3D-printers, we can research and test what is possbile to produce with almost no distribution that harm the earth.

Thesis and research projects

This is a perfect place for Thesis or research projects.
As long as the project follow Agenda 2030 for what is sustainable and consider the real needs for the society, almost anything can be done.

Do you want to build a sensor that tells you when letter arrived in you box, invironmental measuring, health control, server systems, autonomous robots or ... it is up to your imagination what can be done.

The project can then be copied into our 3D-model of our village to visualize it. With open source, all projects will then be available for the researchers from all connected universities to learn and cooperate with each others.

Cooperation is the only way we can make this world sustainable.

Young Smart Villages is a community for youngsters up 25 years of age. Becoming a Member is free and will also make it possible for you to be a part of working with Smart Villages.

We work together with Smarta Byar to open up for all youngsters who wants to work and not only talk about sustainabilty.

www.ungasmartabyar.se
www.smartabyar.se

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