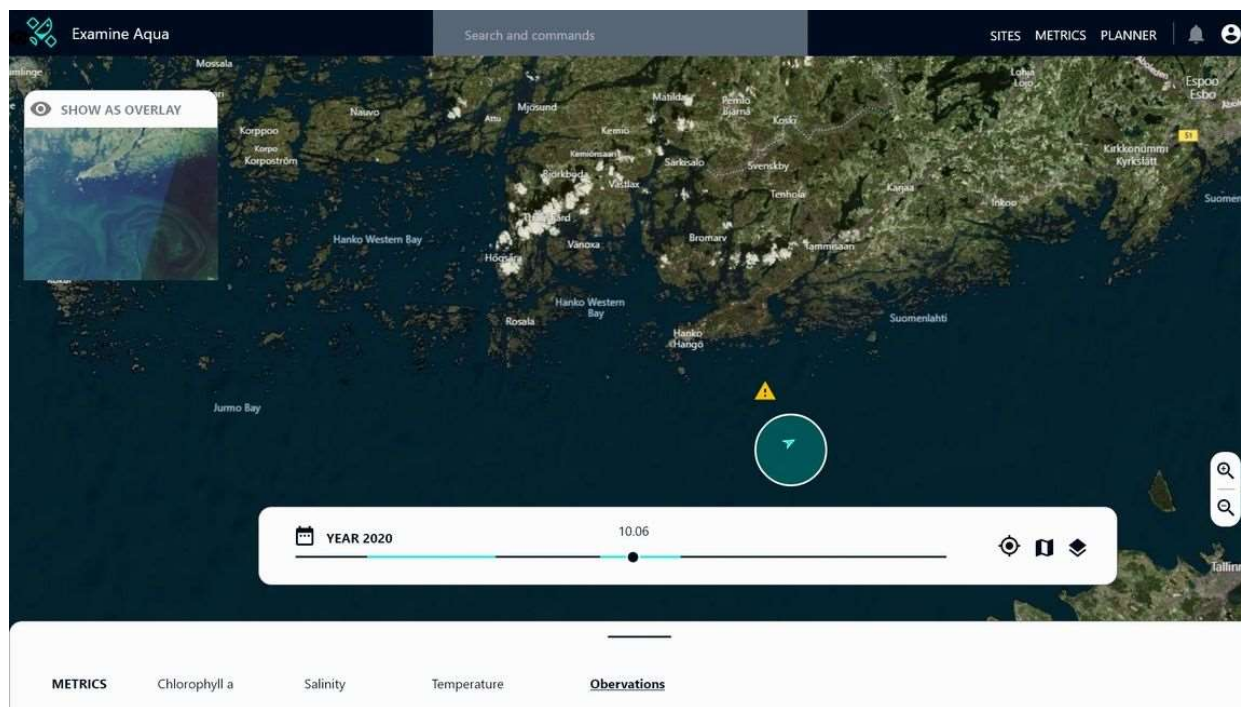


# Examine Aqua Platform



**Monitor water quality and track movement of plankton, fish and plastic** in near real-time using satellite data, drones and onsite sensors to improve your **daily operational planning**

# Examine Aqua Platform features

- Monitor water quality remotely by using satellite data or onsite with our IoT integrations
- Track movement of plankton, fish, and plastic with the help of Lagrangian simulation models
- Enrich insights with relevant contextual data such as regulatory requirements, vessel routes and maps to aid planning
- Get visibility into the reliability of the collected measurements



**Semko Aiyubi**



**Robert Talling**

# Zero Gravity Oy (<https://www.zerogravity.fi>)



## Problem:

- In a study of 520 major global cities, researchers determined that 77% of world cities will experience a striking change in climate conditions by 2050 that will make them more similar to warmer cities' current climates (PloS One). Cities and businesses are under pressure to develop and implement new environmental strategies towards carbon neutrality & energy efficiency.

## Solution:

- To solve this global challenge, we need to have full transparency of city data in terms of environmental, energy, mobility, traffic states. We are developing UrbanAI - close to real time city digital twin based on earth observation data that aggregate city data all in one place and provides impact predictions based on artificial intelligence.

# Guider – Our Solution



- Guider is a complex platform for managing construction projects that can be accessed from any devices with access to Internet.
- Guider supports companies in agile project managements, helps in faster and efficient cooperation and creating inventory of the investment.
- We speed up projects - Guider helps in avoiding any delay and managing the project risk to reduce costs.
- Guider is focused on usability by giving simpler and more user-focused experience



# Guider – How does it work?



- Guider monitors the investment, track progress and helps in communication between team members.
- Linking tasks, automating reports and deleting blockers helps in managing projects and avoiding money and time loss. Moreover, we visualize all information on CAD, photos, satellite imageries or sketches.

## Interested? Get in touch!

**Filip Wojdak - CEO**

[filip.wojdak@skyverse.co](mailto:filip.wojdak@skyverse.co)

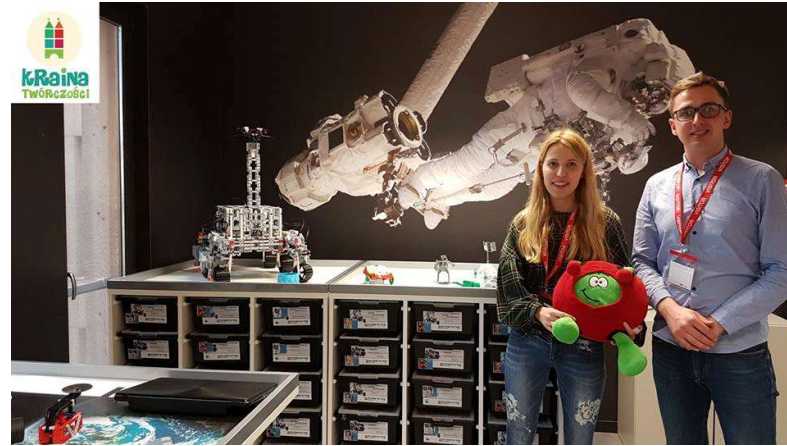


Filip Wojdak



Kreatikon is the company that provides robotics, programming, design and electronics classes for participants aged 5 to 18.

Activity of Kreatikon are delivered to schools, child care houses and for events. Our team of instructors has pedagogical experience but we also have in team engineers and programmers. We train at ESA Educational Center in Belgium.



GlobKids.com



Kreatikon reached annually revenue 80 000 Euro in 2019.

Since March 2020 we develop Platform for e-courses in Polish:

[Kursy.krainaTworczosci.pl](https://kursy.krainaTworczosci.pl)

Next steps are:

- \* content for GlobShop button on website [globkids.com](https://globkids.com)
- \* mobile application about space education

Our Partners are:

- \* Technical University Krakow
- \* New Tech - HighSchool Zamość
- \* Pedagogical School Ignatianum Krakow
- \* Planet Partners - worldwide
- \* RoboCamp.eu
- \* First Lego League - local partner



Articles and video about us:

<https://balticsatapps.eu/balticsatapps-success-stories-globkids-poland/>

[https://youtu.be/l28clqIXQ\\_M](https://youtu.be/l28clqIXQ_M)



GlobKids.com

# Krattworks ([www.Krattworks.com](http://www.Krattworks.com))



- Our product is an open system that consists of 2 co-operational modules: a smart drone controller and a camera system with machine vision and AI.
- KrattWorks system is easy to use and intuitive. It takes minimal effort for pilot training and is compatible with most already existing UAV fleets.

## How it works:

- The operator assigns an area of surveillance for the drone and launches it. From this moment on, the drone can operate independently. It approaches the designated zone and begins to collect and analyse visible imagery.
- Processed data of fireline location, intensity and movement is constantly transmitted to the GIS server, where it is combined with other map layers for output. This gives firefighting teams automatically updated situational maps in real time.



# EOMatic ([www.eomatic.com](http://www.eomatic.com))



- **Problem:**
- Farms are **over-watering** their crops and losing precious irrigation water. As a consequence, farmers have to put **abundant amounts of the fertilizer** and other inputs. **Smart Irrigation** solutions could fix over-watering but to be efficient, they **require expensive sensors** which often get lost, stolen or broken.
- **Solution**
- We use Sentinel-2 data to provide soil moisture maps and irrigation advice. Our model doesn't require soil sensors and can be up to **100X more accurate** comparing to others.

# Sky-Corp ([www.sky-corp.eu](http://www.sky-corp.eu))



- **Problem:**

Most used battery drones lack the flight times of covering all the required use cases effectively and petrol drones or helicopters cannot operate everywhere. Drone as a Service providers also do not want to make increasing investments into additional hardware as they do not know if they have upcoming demanding projects to warrant it.

- **Solution**

With hydrogen drones it is possible to extend flight durations by 3-4 times allowing to complete projects faster and operate in conditions where landing every 20 minutes is not possible (water, buildings, medical deliveries etc.). It also does not require electricity to recharge and refueling is fast instead of waiting for batteries to recharge.