



Organization Profile Form (2 pages maximum please)

Date: January 21, 2021



Organization name: Clewat Oy

Logo:

Kind of organization: Company

(Company, economic development agency, university, etc.)

Short description (elevator pitch)

Clewat builds and operates multipurpose sea-cleaning vessels. Clewat is an innovative envirotech company focusing on helping the world save the seas. The early-stage company is based on patent-pending innovations of Kokkola-based founder Johannes Myllykoski. Clewat started as a company in 2018 after winning Ålandsbanken award for best tech innovation for Baltic Sea for its collection vessel idea, based on flow optimization and utilization. Since then Clewat has tested vessel prototypes in more than 10 countries, cleaned tons of harmful materials from the water and supported scientific progress in the field. The multipurpose vessel called “Cleansweep” has proven to be a big improvement in sea-cleaning efficiency **for plastic, harmful flora and oil spills**.

In addition to Cleansweep vessels, Clewat has developed: Riverwheel river plastic cleaner; Snowhow climate-friendly snow melters; and Cleaner industrial air filtering systems based on the Cleansweep innovation core. Clewat has an experienced team. It is in the process of creating a go-to-market strategy based on “sea-cleaning as a service” with its own fleet of vessels to an expected mostly governmental potential client base. We save the seas and create eco-positive growth.

Products and Services:

The Cleansweep vessel is the first easily transportable (container-fit) efficient multipurpose tool for removal of harmful substances from any body of water. Cleansweep’s unique, patents pending operational mechanism is based on energy-efficient creation of flow in the water, which means the collected materials can be drawn to collection without inducing mechanical stress to them. The lack of mechanical stress in open water means that collected materials are not damaged, which can be important to ensure that poisons do not escape, invasive plants collected are not able to reproduce from chopped parts and that oil does not mix with water.



Intellectual Property

The company has a robust IP roadmap. It has filed several patent applications and is planning to file others. It has conducted a freedom-to-operate analysis, which uncovered no obstacles to full commercialization of its waste collection device and service. Following are details:

1) “A device for collecting waste from water”

<u>Patent application</u>	<u>Area/Country</u>	<u>Application No.</u>	<u>Filing date</u>
Priority application	Finland	20187166	15 Nov 2018
PCT application	Global	PCT/FI2019/000020	14 Nov 2019

2) “A separating arrangement for a device for collecting waste from water”

<u>Patent application</u>	<u>Area/Country</u>	<u>Application No.</u>	<u>Filing date</u>
Priority application	Finland	20197020	8 Feb 2019
PCT application	Global	PCT/FI2020/000004	6 Feb 2020

Customers: City of Helsinki; City of Turku City of Kokkola Cebu, Philippines; Nanjing, China

Seeking the following relationships:

- Channel/Distribution Partners
- Investment in Organization

Interested in meeting with:

- Customers, or companies for collaborations, projects and synergies
- Universities and research centers for collaborations, projects and synergies



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