

Internship – Waste management in the Seychelles

Support of the Landscape and Waste Management Agency in the implementation of an integrated waste management system



Background: In 2016 and 2018 master's students from ETH Zürich and bachelor's students from the local University of Seychelles investigated the solid waste system in the Seychelles in close collaboration with the Ministry for Environment, Energy and Climate Change. This work culminated in two comprehensive reports (see: tdlab.usys.ethz.ch/livlabs/seychelles.html) which fed directly into the Solid Waste Master Plan, recently prepared by a European consultant. As a first implementation step a new waste collection and sorting system is being implemented at Perseverance, a newly build housing area of 1 500 household units lying 2 km north of the capital Victoria.

Context: The LWMA is the government authority responsible for the management of municipal waste (both private and commercial). At the beginning of 2021 a new waste collection and sorting system will be introduced for the inhabitants of two new districts at Perseverance 1 & 2, marking a new turning point for this agency. These new approaches to household waste management bring about many changes within the agency itself. New visions and adaptations of habits are essential to integrate new mechanisms of waste management.

Job description: The main aim of the intern will be to support the agency in the proper maintenance of the new measures taken in the field of waste management in the districts of Perseverance in the first instance. The trainee will also ensure that these measures are replicated in other districts and even find new solutions to improve the sorting and recovery of waste throughout the Seychelles.

The overall purpose will be to continue to assist the agency in the management of household waste, with particular attention to the reducing and segregation of waste.

Specific duties include:

- Make sure that the undertaken segregation actions will continue on Perseverance (PET-CAN collection, compost, collection ...) and extend them into all Seychelles
- Evaluate the impact of all the actions (amount before, amount avoided, amount treated...)
- Create new partnerships in order to reduce waste arriving into the landfill
- Stimulate the creation of a sensitization team within the LWMA
- Estimate and submit an efficient budget for the Financial Controller which include first actions of reducing waste in 2022
- Provide trainings for LWMA's team about the circular economy
- Estimate and submit to the ministry a sufficient budget to encourage Seychellois citizens to invest into recycling projects (collective compost platform, cardboard recycling, repairing workshops...)
- Propose some regulations about products which entering in the country and generated waste

Duration: 6 months

Start: Early 2021

Employer: Landscape and Waste Management Agency (LWMA)

Place of work: Mahé, main island of Seychelles

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Landscape and Waste Management Agency

In collaboration with the USYS TdLab of ETH Zurich

