

08/19 WK5 Group Meeting

Location	Hancock Library room 3.38
Date	2019/08/14
Time	4:15 - 5:00 pm
Attendees	Derek Tan, Lily Zhang, Jessica Ying, Andre Olivier

Agenda:

Decide on the general process (wet or dry) Jiefei to sign off the process
(dry would be better, but will require more energy)

Find an established model

Functional analysis

Requirement analysis

Throughput

Black soldier fly larvae body composition

Action Items

Action item	Owner	Deadline	Status
Decide wet or dry rendering	Lily	08/24	Completed
Feasibility analysis	Derek	08/24	Completed
Initiate the 3D designing part of the rendering process	Jessica	08/24	Completed, SketchUp chosen for this stage

Things to consider in the future:

Establishing rendering Process

- Specifics of the process (Wet process?)

Establishing new information channels

- Throughput of modern rendering plant

 - § Specifications of the input: weight, size, water content etc.

 - § Scaling of each plant equipment

- Feasibility of the equipment scaling

 - § What can we assume?

 - § What capabilities are available?

 - § What if equipment not made by 3rd party?

- Can we prototype scientifically?

 - § Proof of concept?