



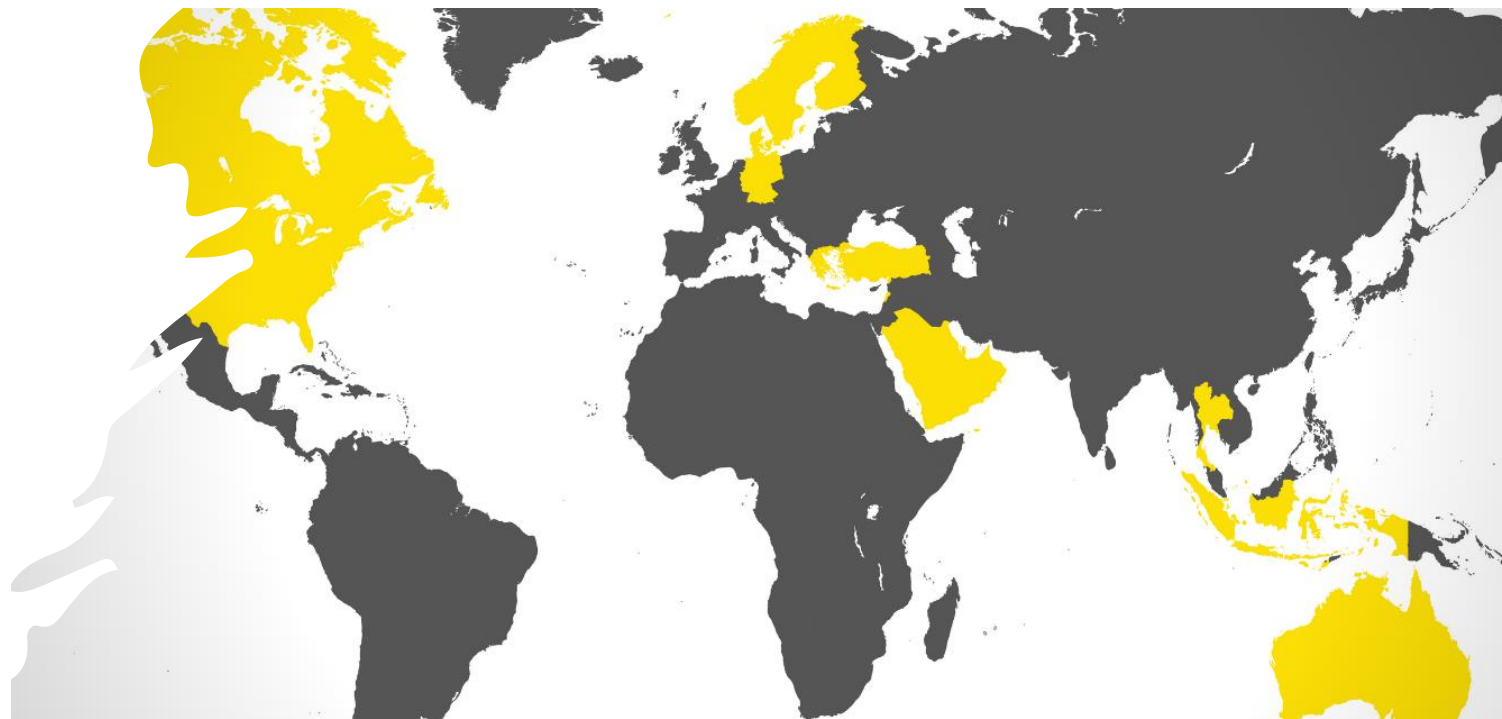
AQUAPONICS AND URBAN CULTIVATION

OSLO
18.10.2022
Selim SIRKELI





WHO WE ARE?





RAS: RECIRCULATED AQUACULTURE SYSTEMS



RAS: RECIRCULATED AQUACULTURE SYSTEMS



ENERGY

SPACE

CONSTRUCTION COSTS



AQUAPONIC





SOA Architecture_Super-ferme

ENERGY CONSUMPTION





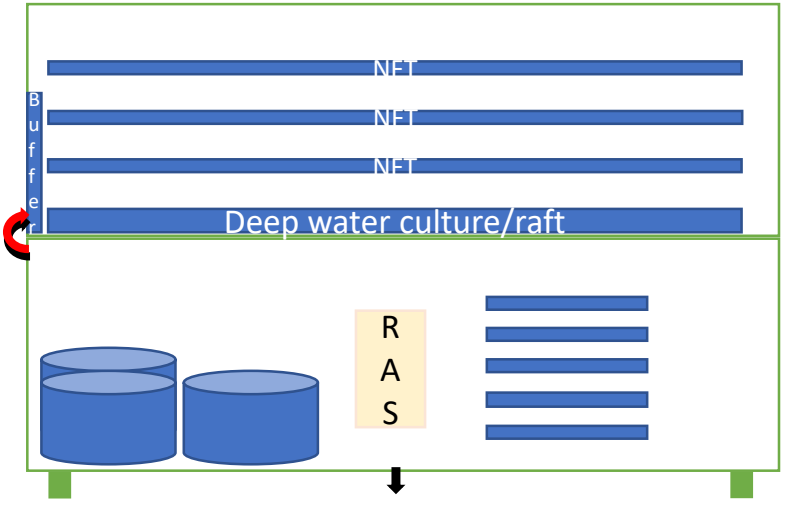
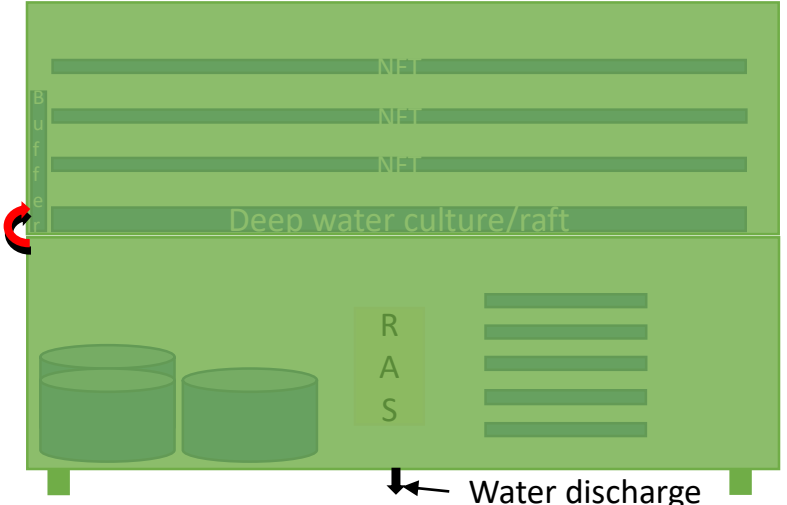


SPACE / FOOTPRINT

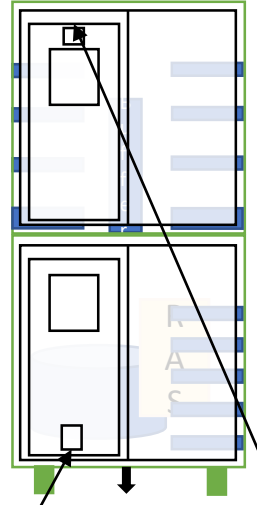


CONSTRUCTION COSTS

Sideview – left – facing the buildings wall



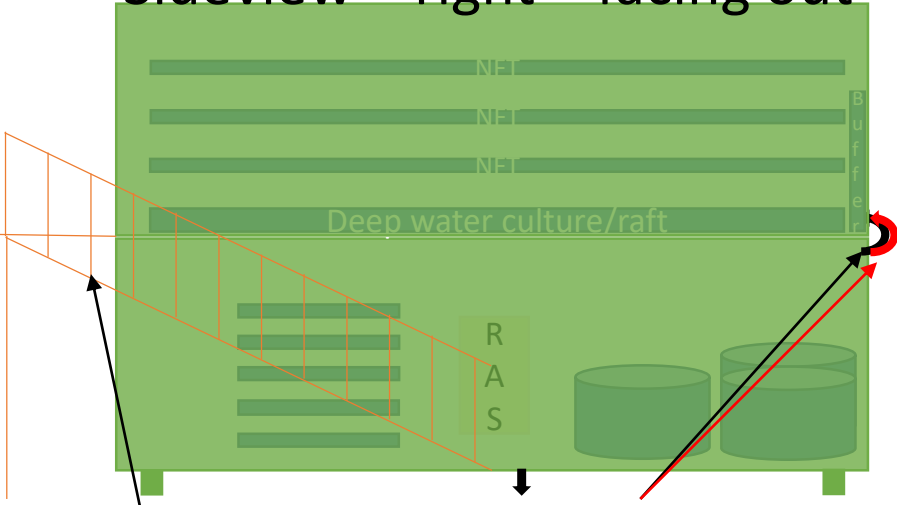
Front - side



Air inlet

Air outlet

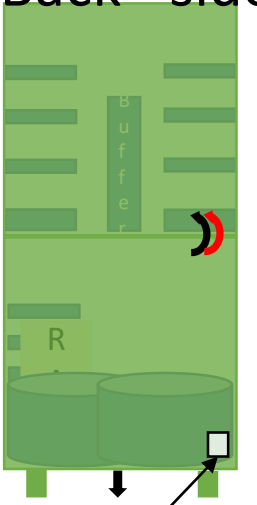
Sideview – right – facing out



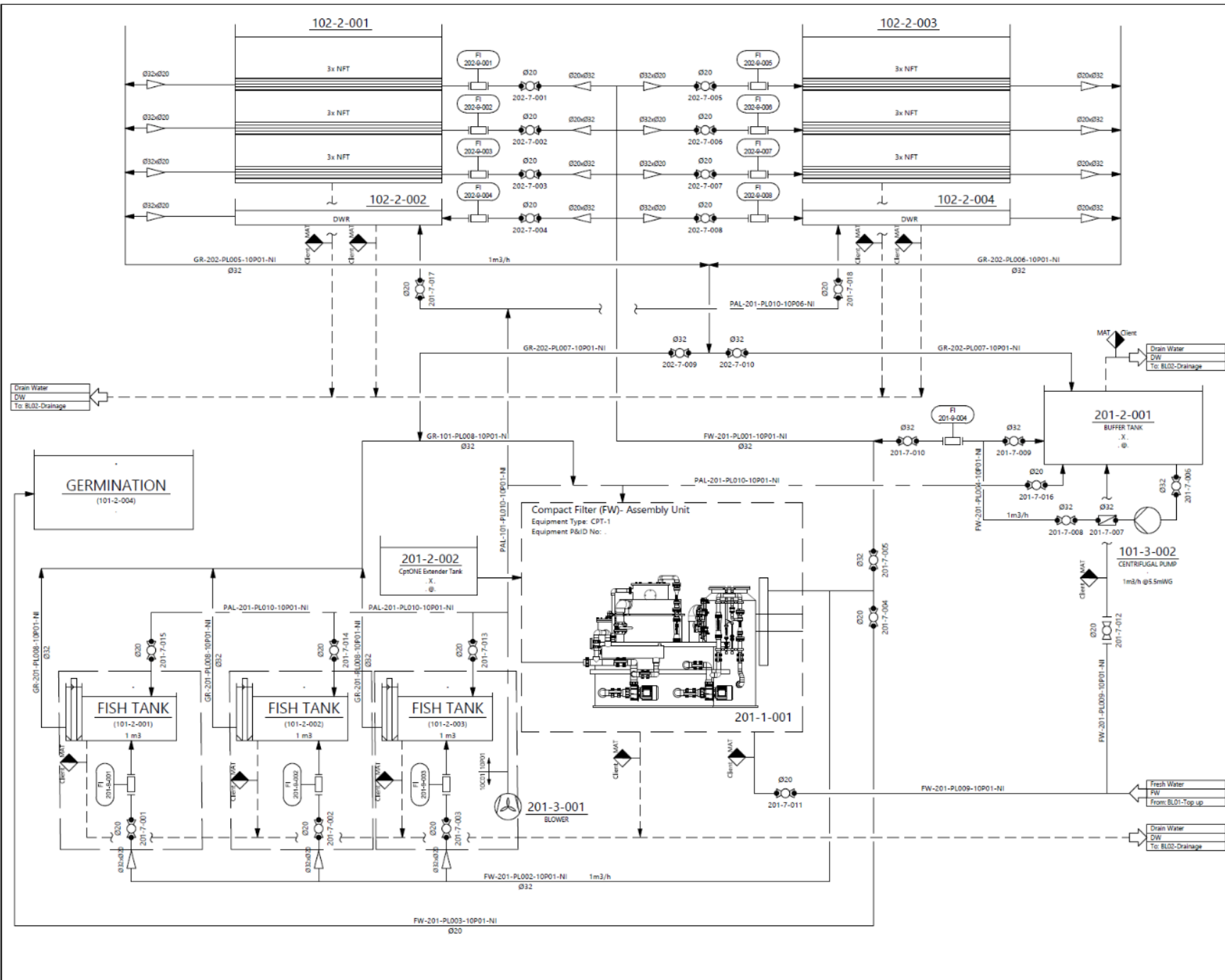
Air extraction from bottom container to upper container + water and electricity


Stairs and repos to second floor

Back - side

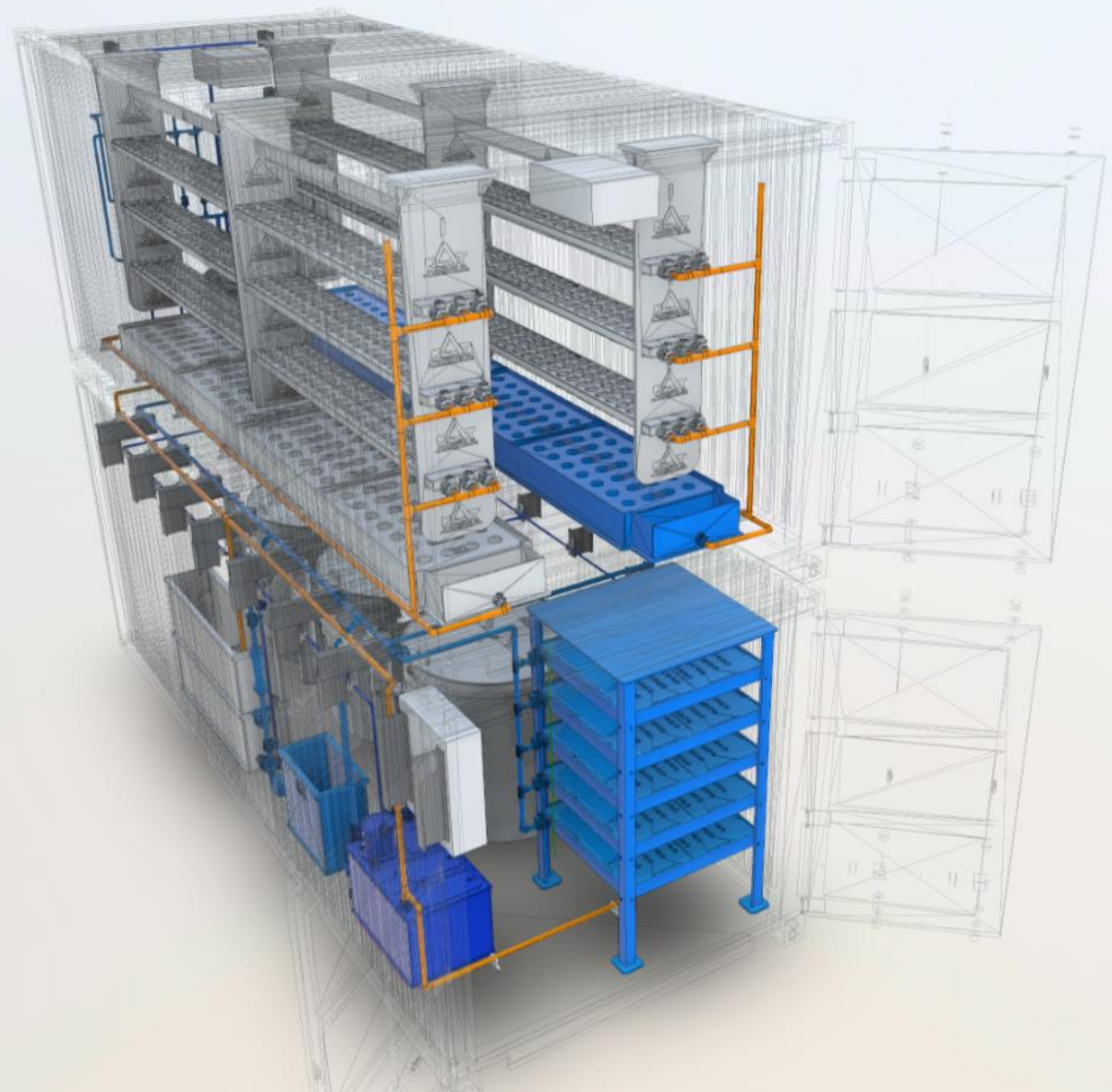


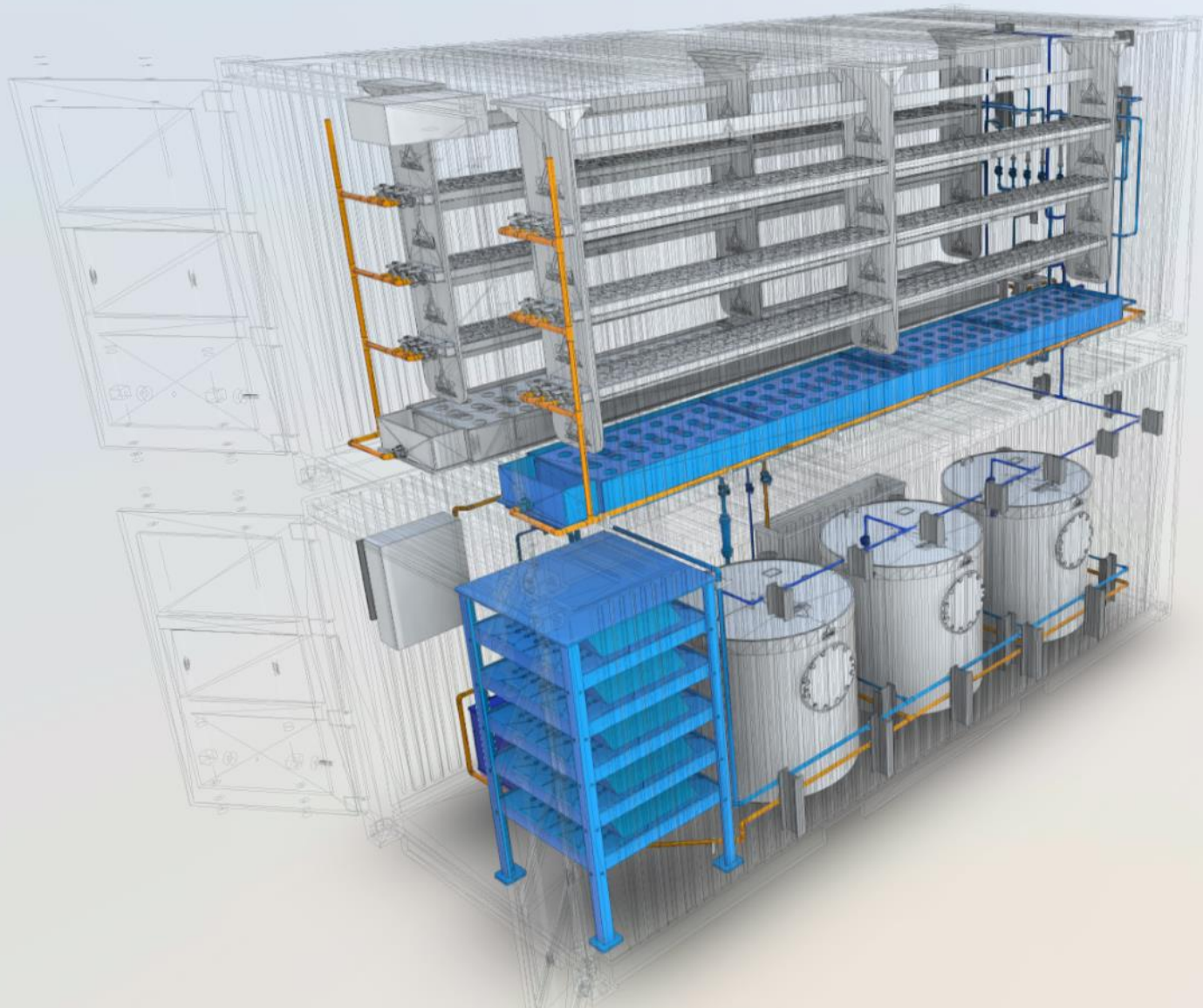
Water, electricity and network cable in

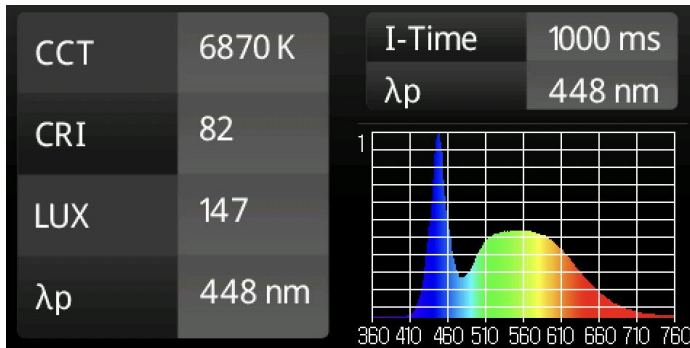
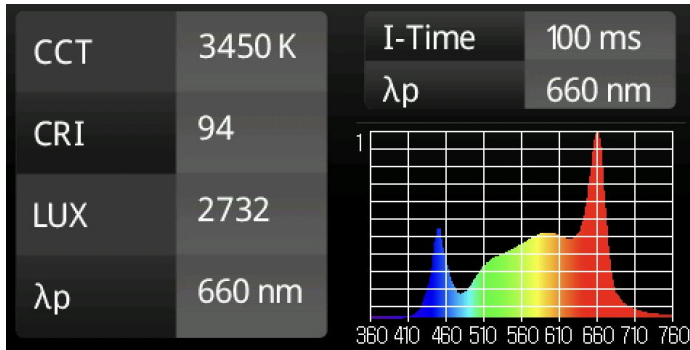


PROJECT			
NIVA AQUAPONIC SYSTEM			
CONTRACTOR			
 www.matglobal.tech MAIN CONTRACTOR			
NOTES			
KEY PLAN			
REVISION TABLE			
#	REV. BY	NOTES	DATE
DC	SU	3NFT Boxes	29.06.22
DB	SU	Two NFT&DRW	23.06.22
DA	HU	First Issue	20.06.22
REFERENCE DRAWINGS			
DRW. CODE	INITIALS	REV.	
DRAWING TITLE			
LSS P&ID			
FOR APPROVAL			
SCALE	SIZE	REVISION	
N/A	A3	DC	
DESIGNED BY:	SU		
DRAWN BY:	HU		
APPROVED BY:			
APPROVAL DATE:			
DRAWING NO:			
NVA-MAT-PD-000-003-001-DC			

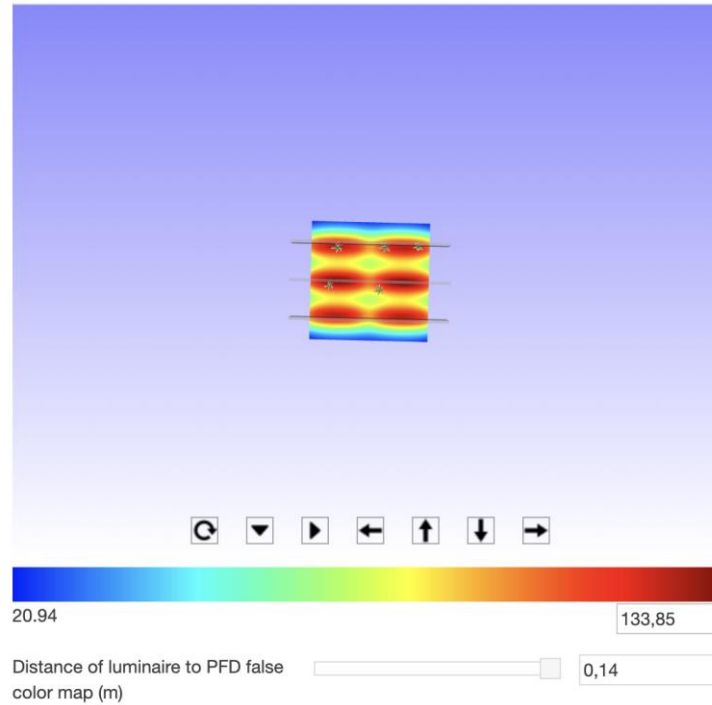




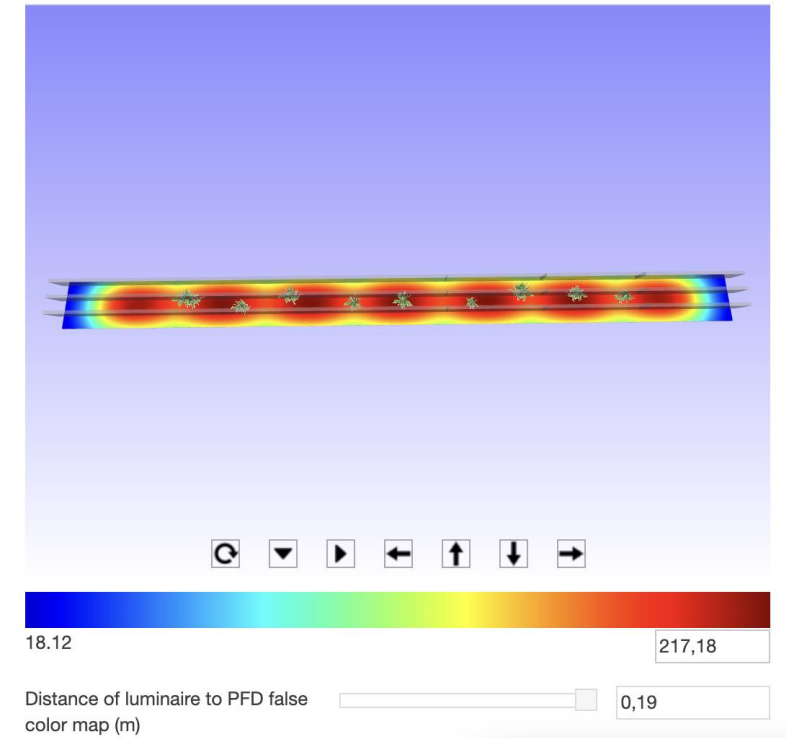




System 3D



System 3D





 food4future



 food4future

TAKK!