

Ali, Ah Kao & Muthu The Tale of Underlying Connections

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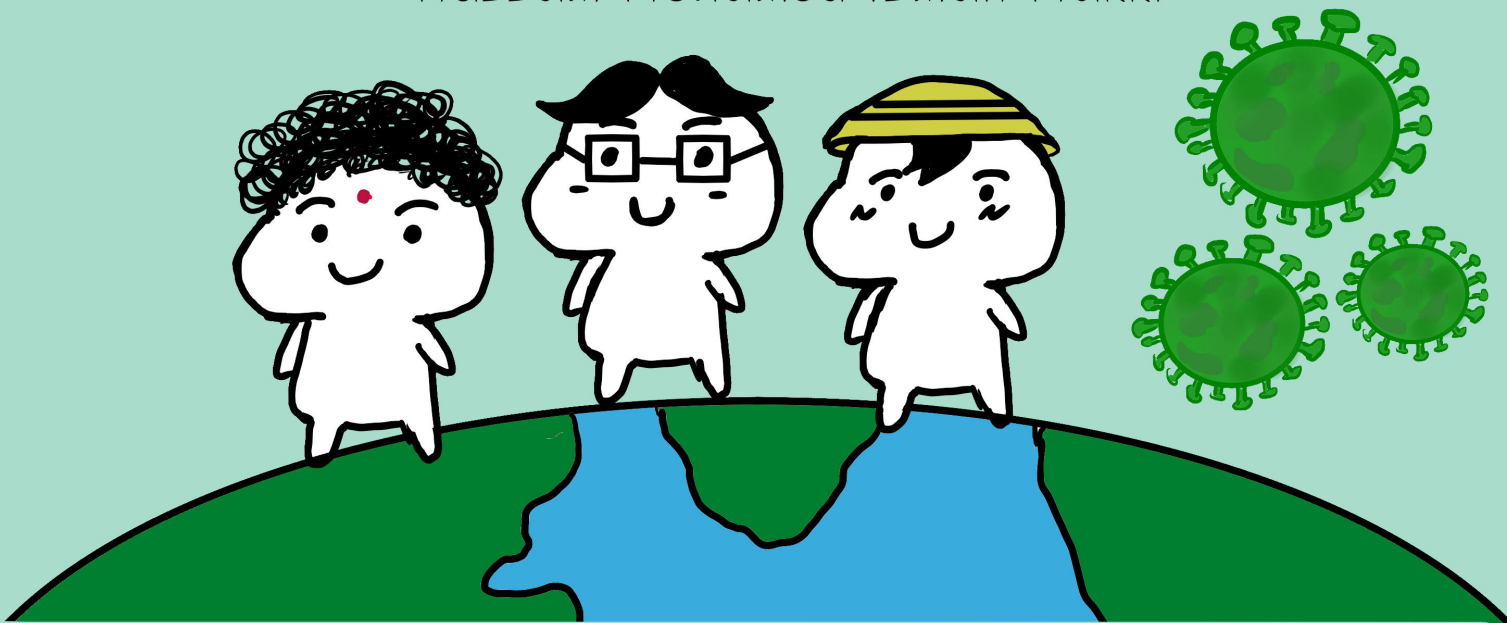
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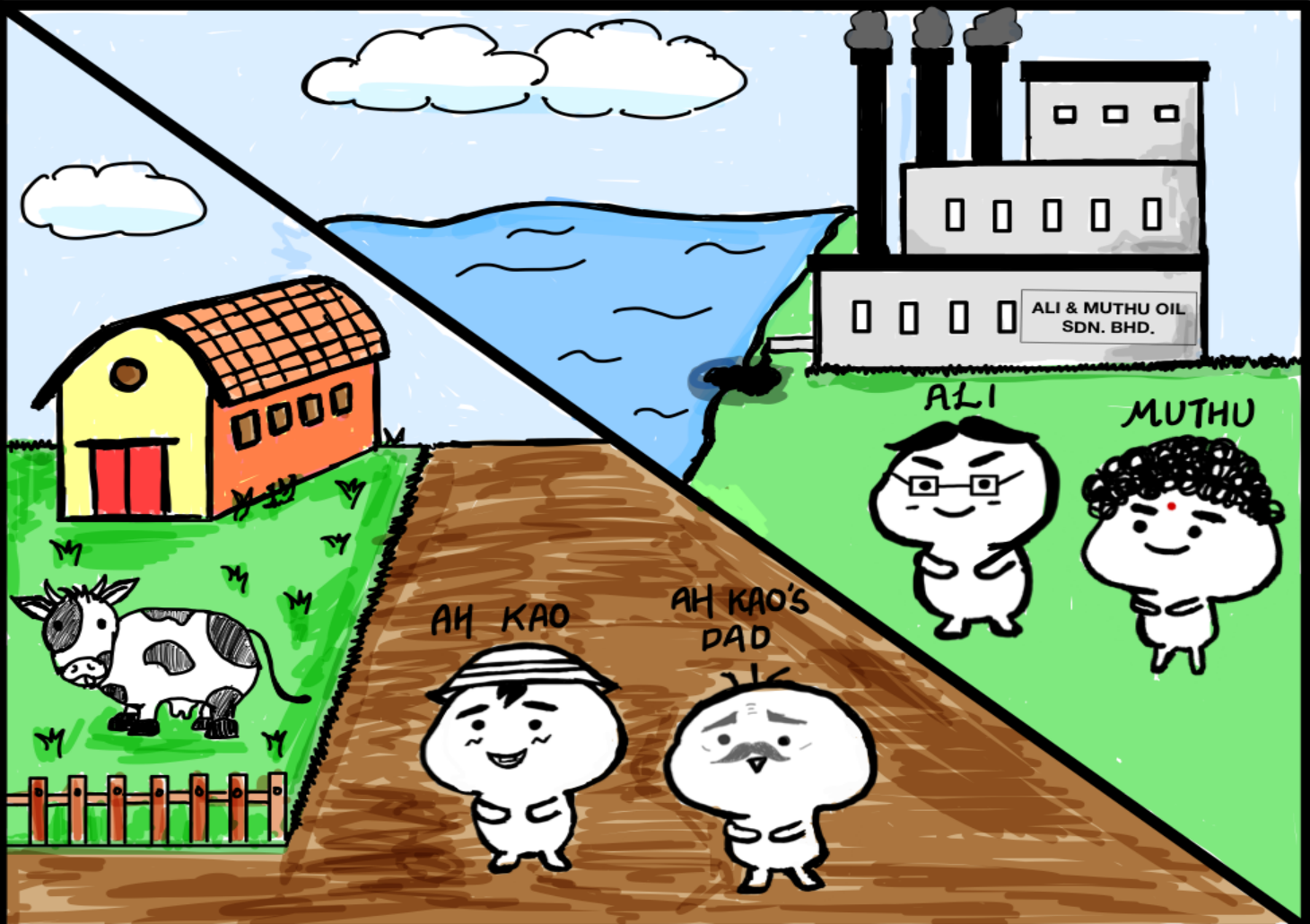
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The following comic content was produced as part of
ENE 3608 Environmental Impact Assessment and Management Systems
class assignment. Idea developed and inspired by Dr. Poovarasi Balan
was intended for 4th year Chemical Engineering students of
Monash University Malaysia in Semester 1 2020.



MONASH
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EIA Register for Ali and Muthu Sdn. Bhd. Land Reclamation Project

Construction		Initial			Mitigation	
Activity	Aspects	Impact	L	C	S	Mitigation
Reclamation and Dredging	Land Clearing	Affects water quality	5	4	20	Minimise during rainy season
	Dredging	Affect marine ecosystem	5	5	25	Periodic survey of damage
	Sand filling	Pollutes water Marine lives die	5	5	25	No feasible mitigating measure

Did you know?

EIA - Environmental Impact Assessment:
A study to predict, evaluate and communicate information about the impacts on environment of a proposed project and to detail out the mitigating measures prior to the project approval and implementation

EIA Register:
Register for qualitative risk analysis on environmental aspects and impacts

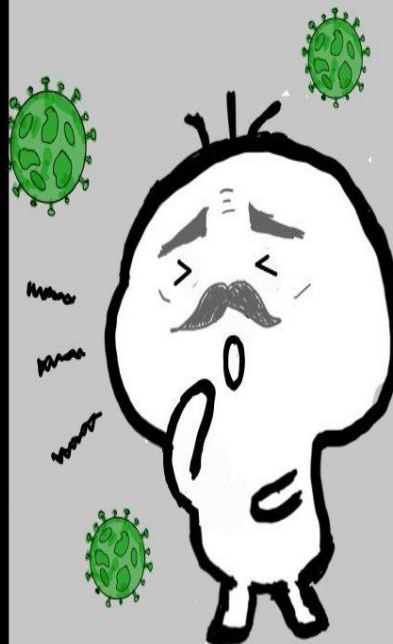
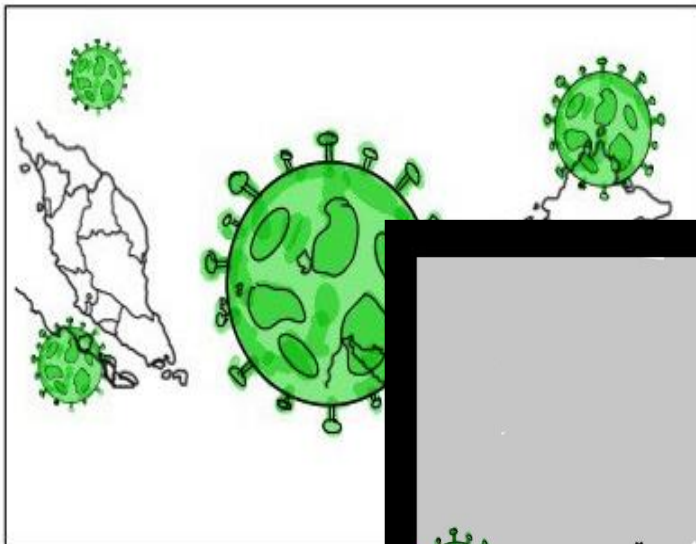
Land Reclamation:
A process of creating new land from oceans, seas, riverbed or lake beds.

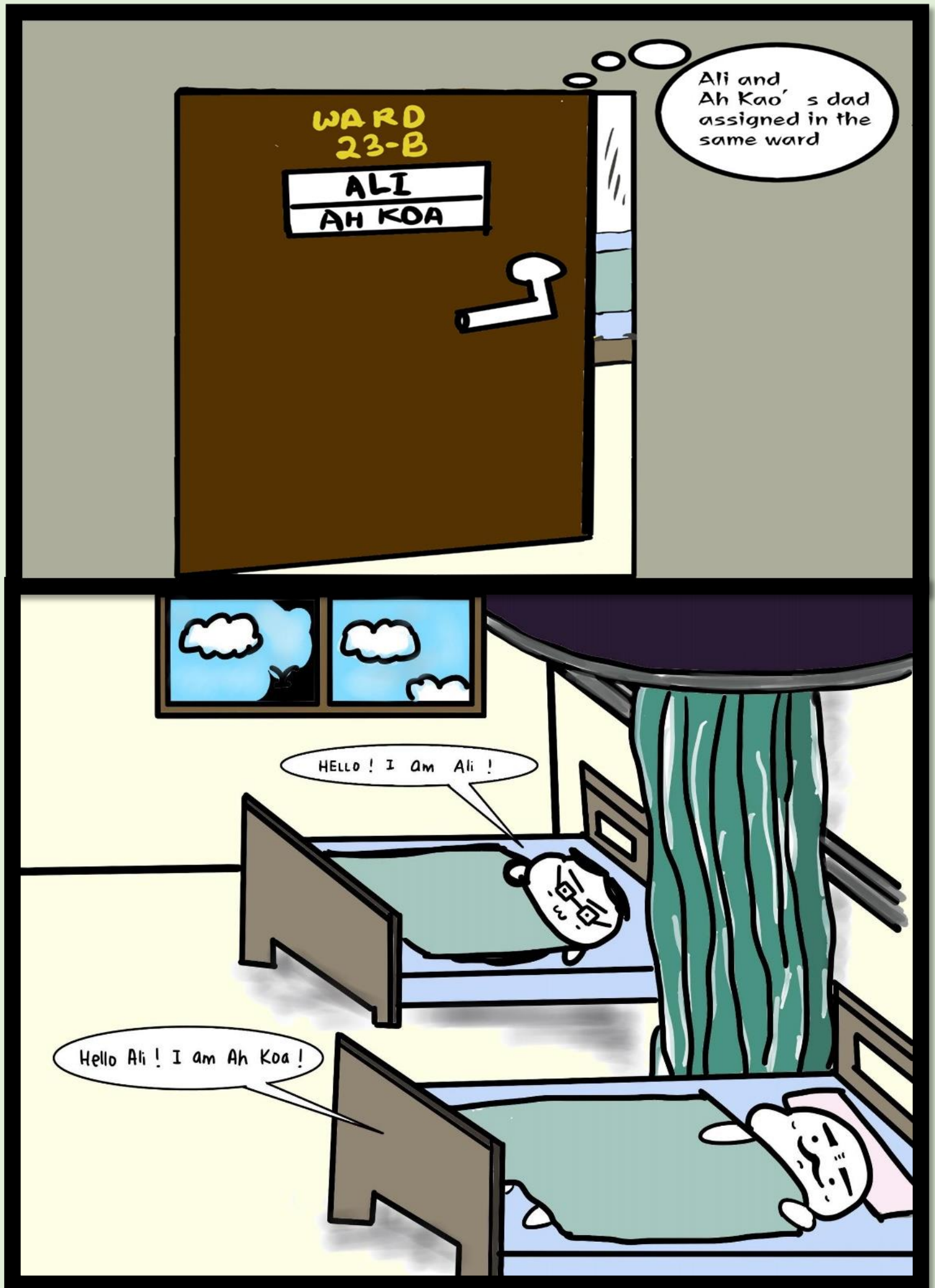


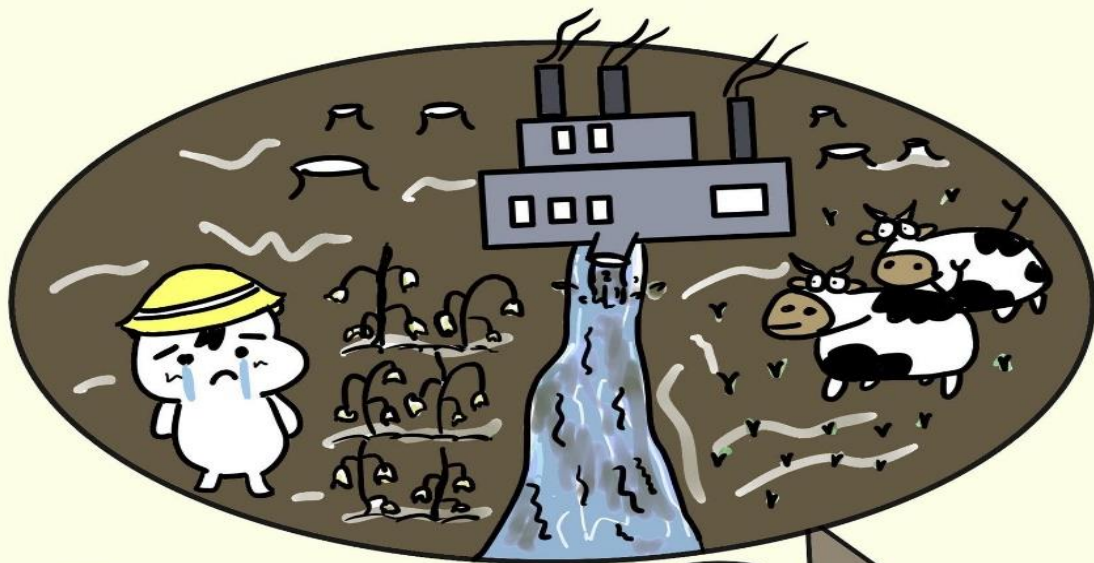
SATURDAY 17 MARCH 2020

TheStar
people's paper

COVID-19 STRIKES MALAYSIA







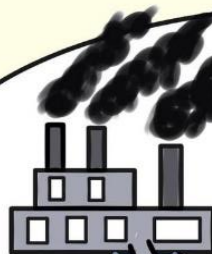
Lil Ah Kao
will be
hungry
with food
shortages



Our land became
toxic and cows
lose their
food

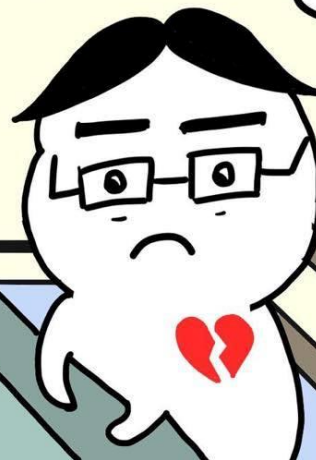


The petrochemical
factory upstream
polluted our
water source

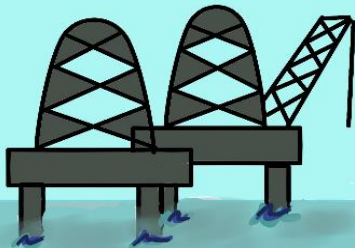


Ali's Repentance and Muthu's Realisation

It doesn't matter if one is rich or poor, everyone is equal when facing death. All the money that I had earned cannot help me now but the consequence have disrupted the life of others. I feel really bad. I'm so regretful.
I'm so sorry

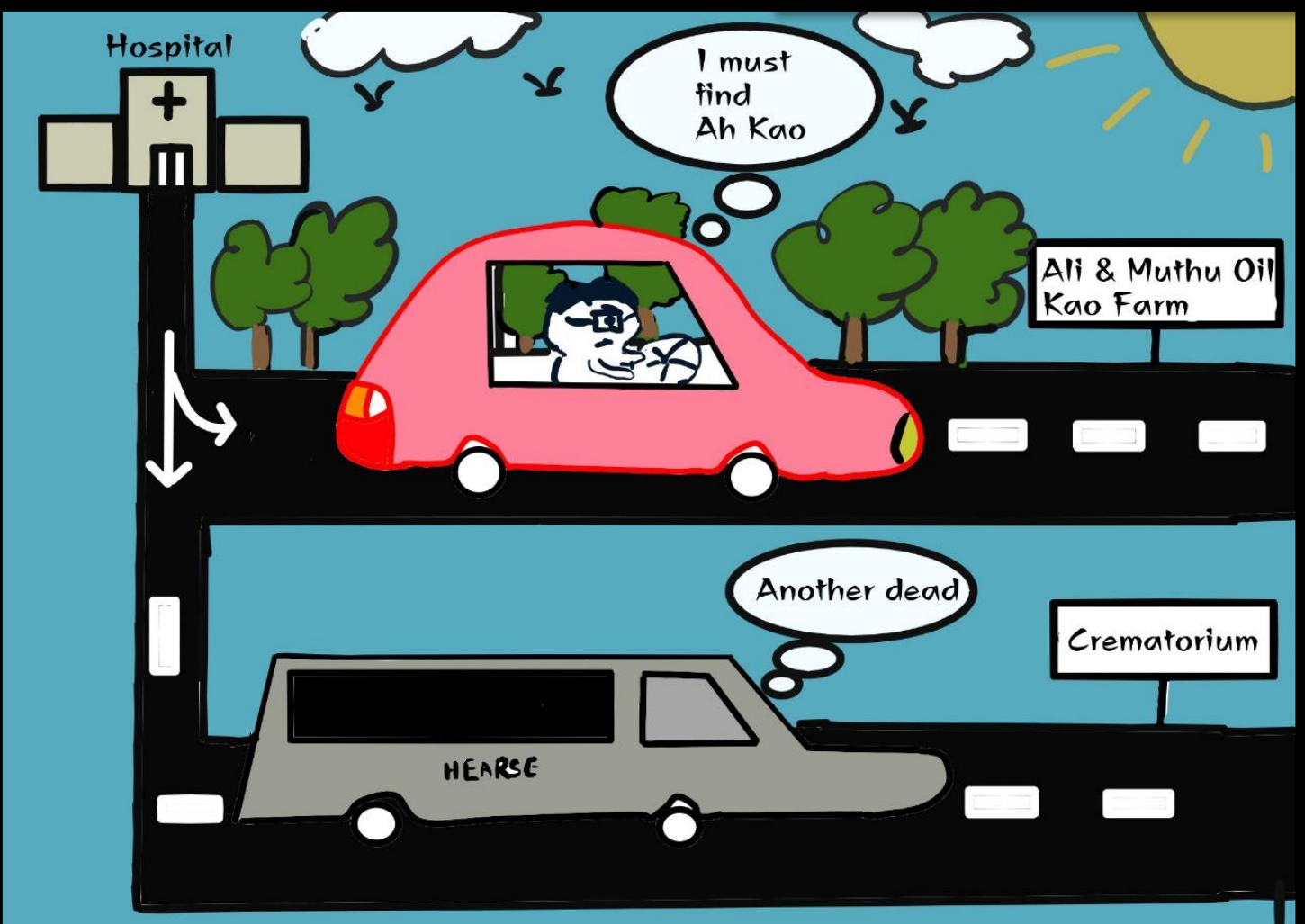
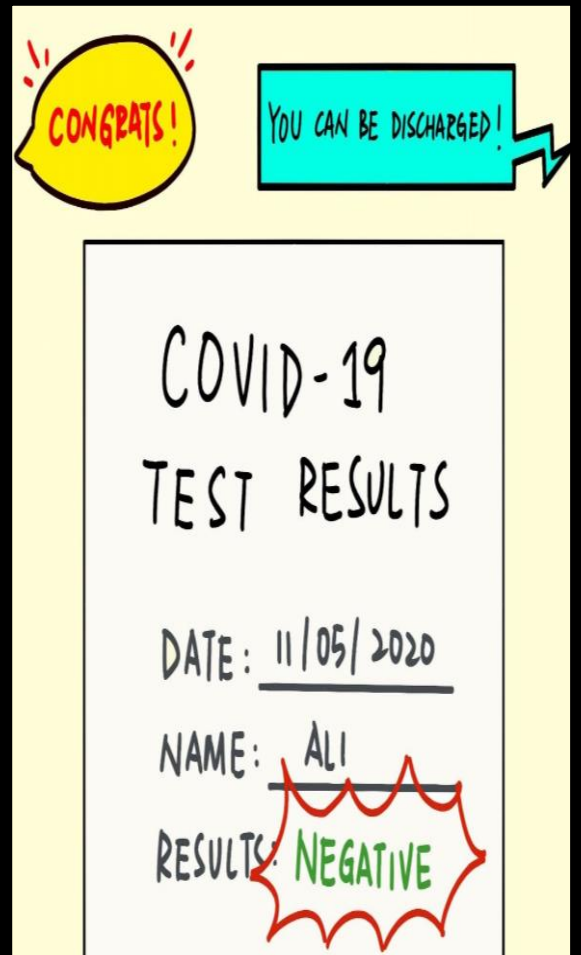


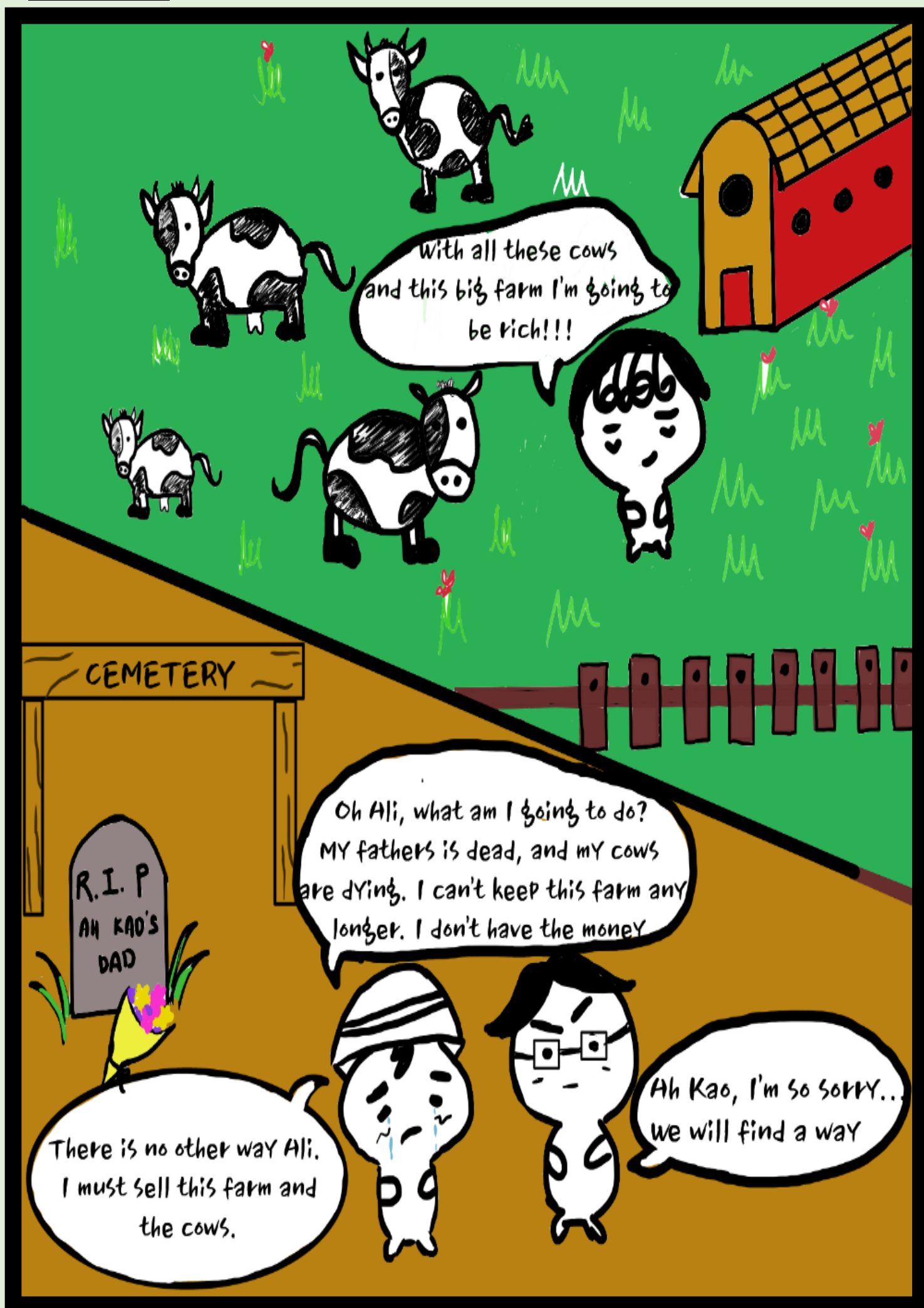
At the same time.....

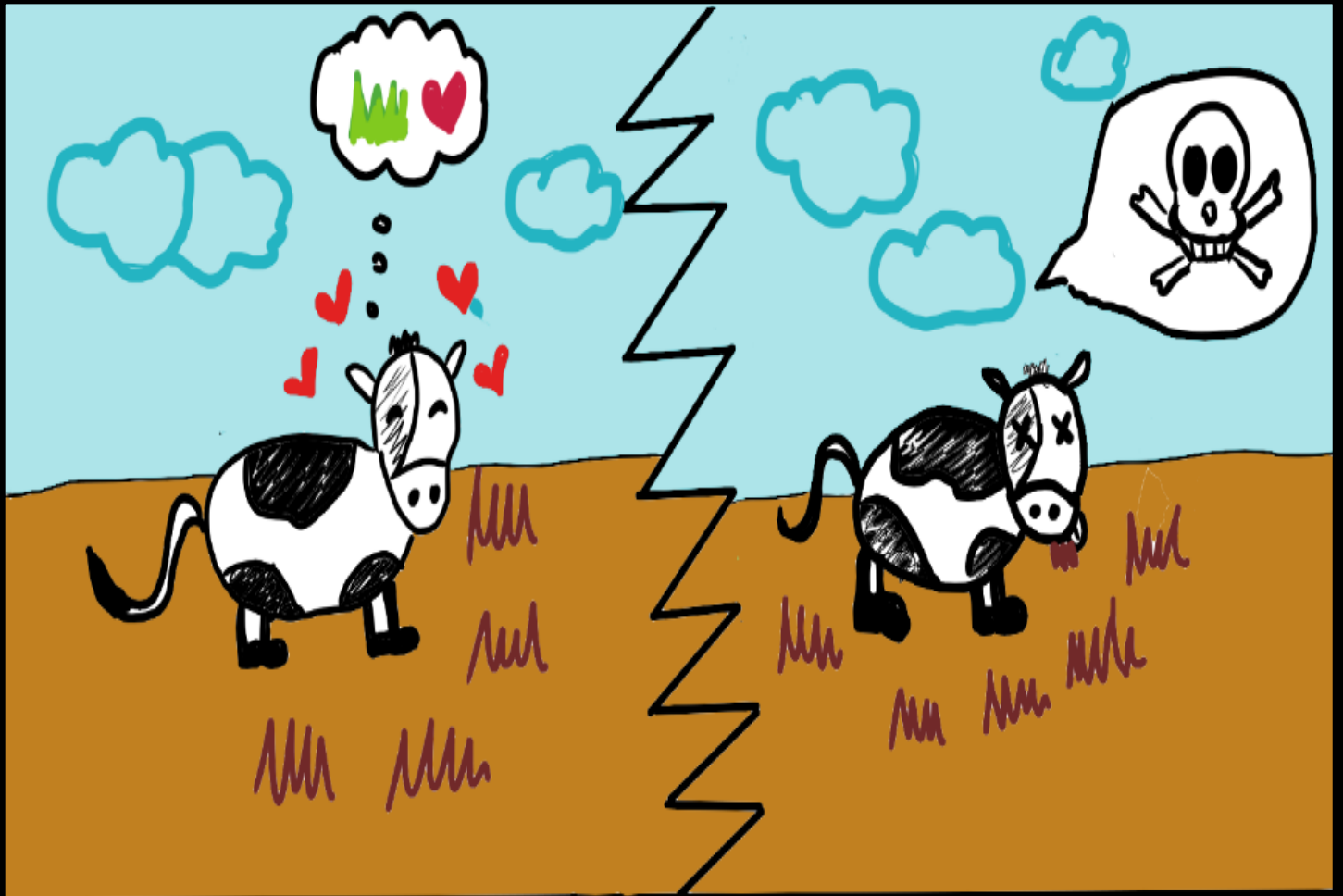


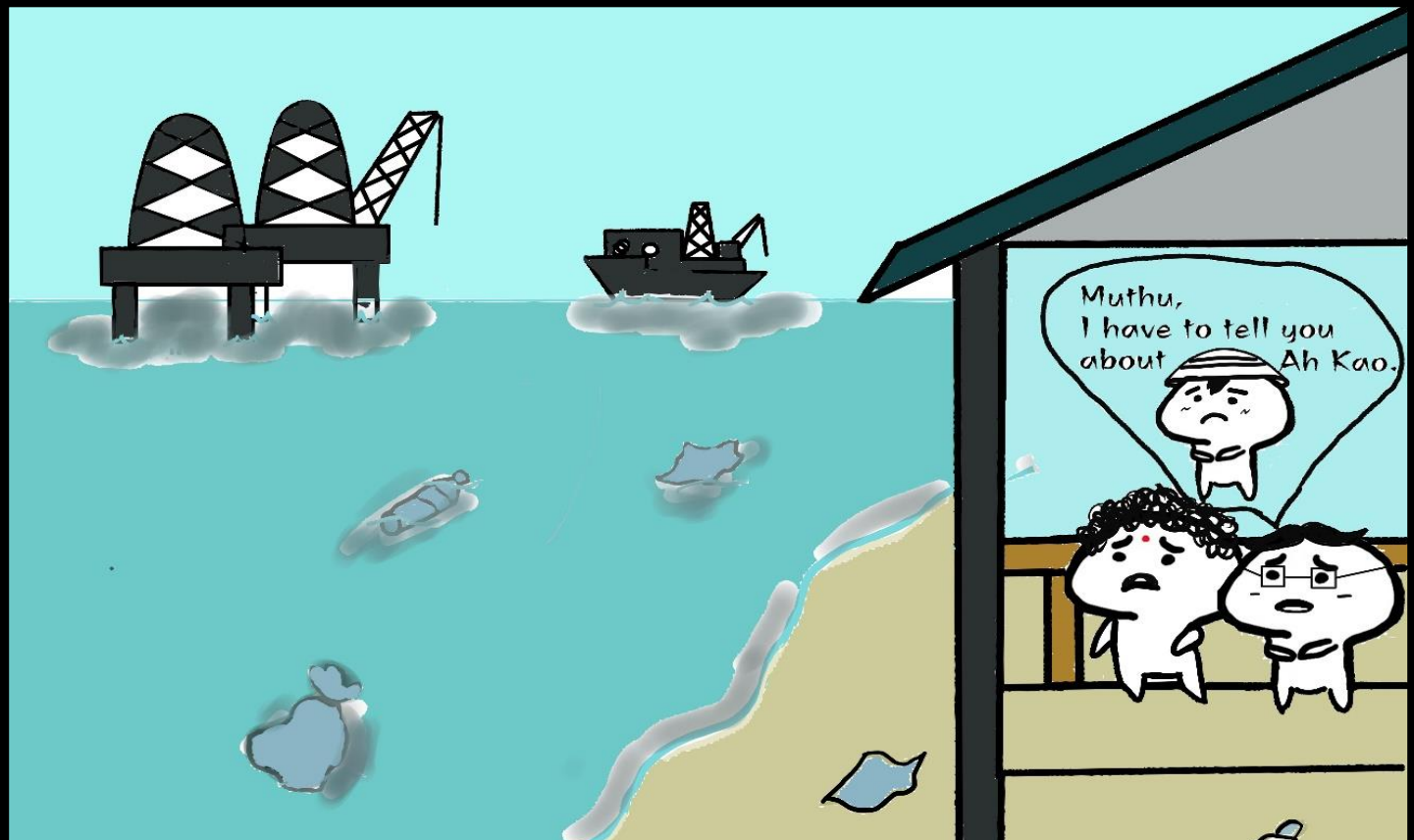
What happened here?!
Oh no...

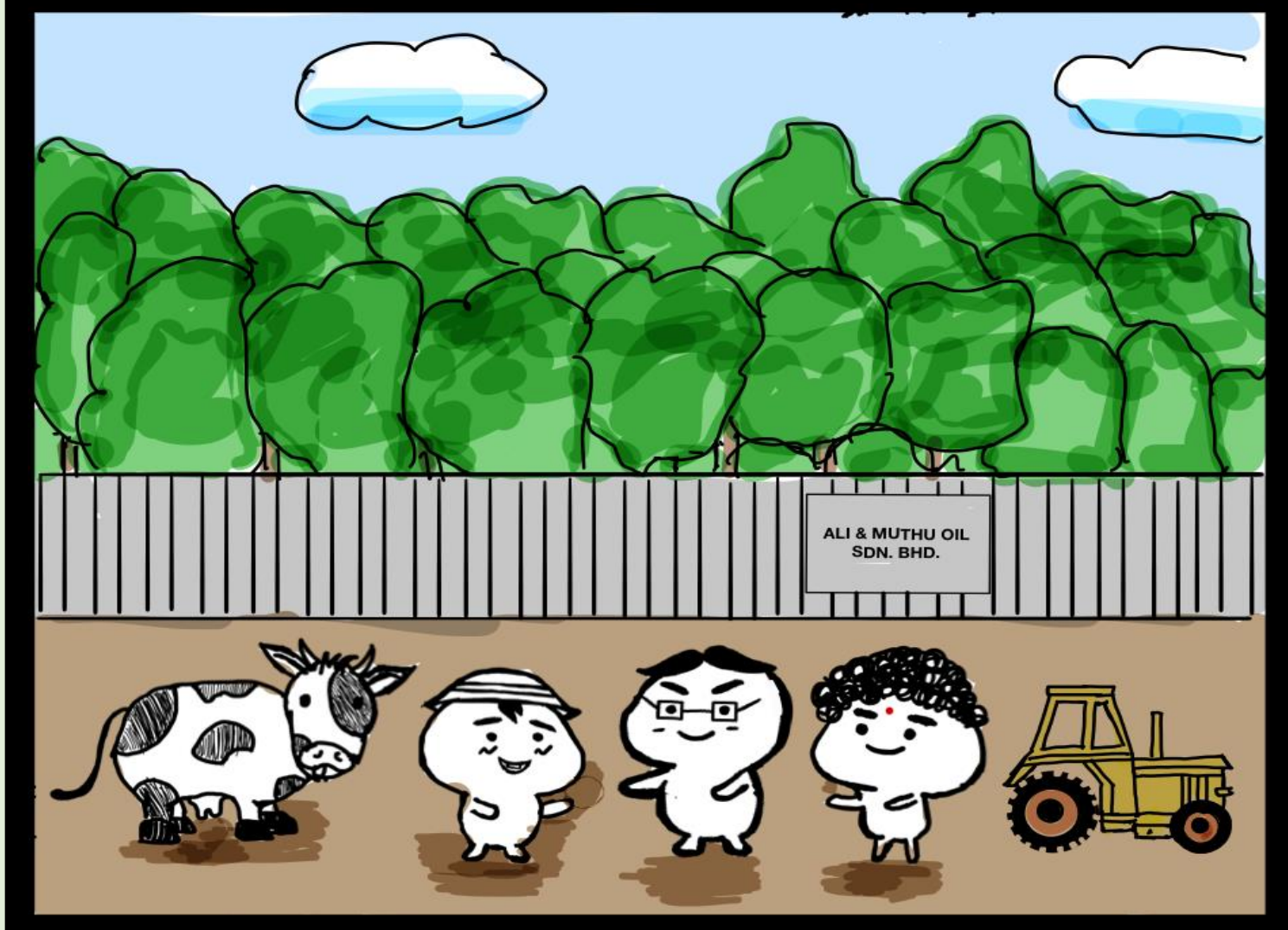
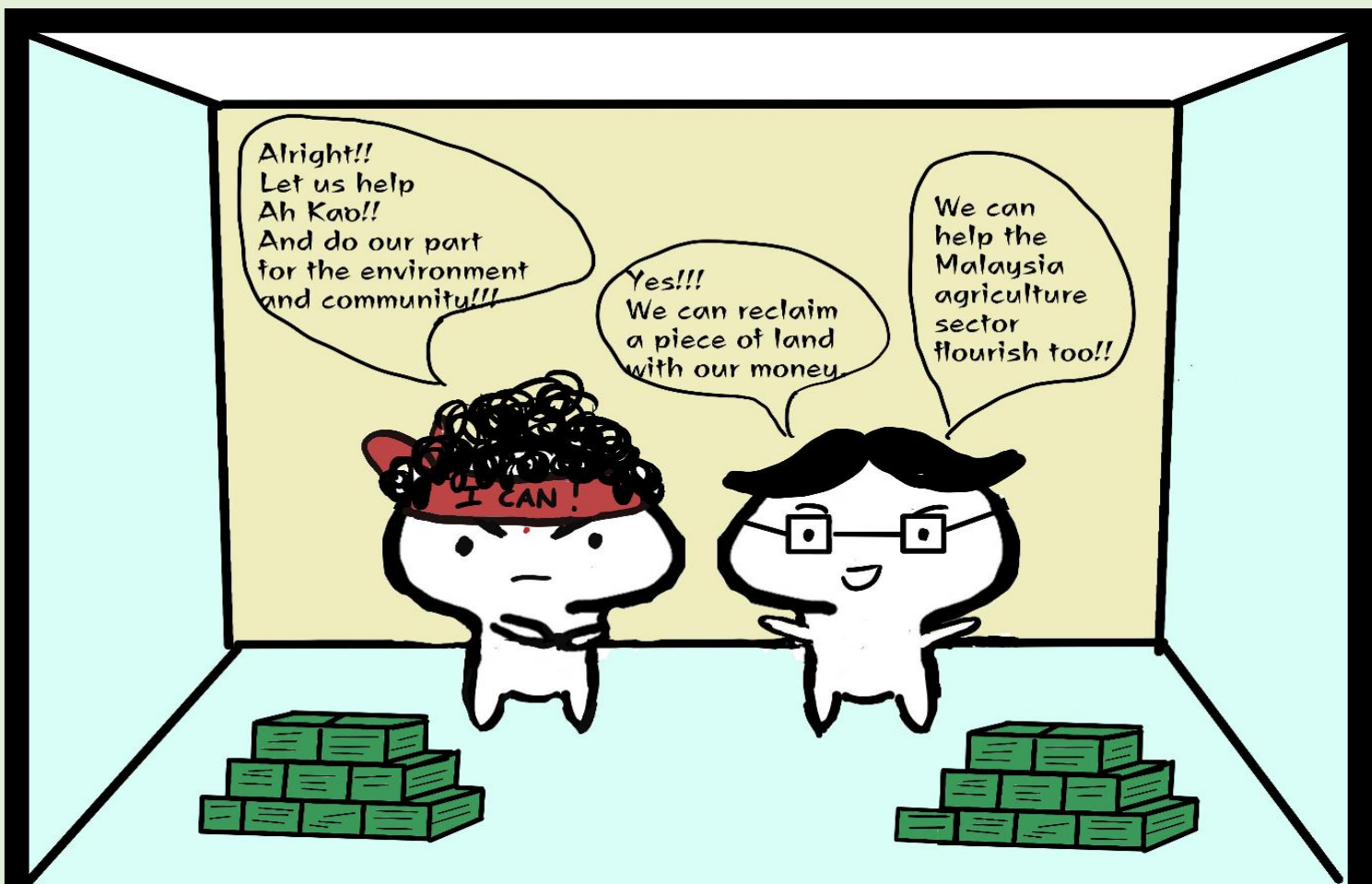








Guilt of Ali & Muthu





There's two more of me in this book, try and find me!!



Did you know?

Prescribed activity:

Any activity that is in the Prescribed Activity under Environmental Quality (Prescribed Activities) Environmental Impact Assessment (EIA) Order 2015 is required to perform EIA study which requires approval from Department of Environment.

DEIA:

Detailed Environmental Impact Assessment is any prescribed activity categorised as Scheduled 2 and will involve public display to express their concern and review by independent expert panel.

EQA:

Environmental Quality Act 1974 is a legislation enacted that involves prevention, abatement, control of pollution and enhancement of the environment in Malaysia.



The other two of me are over at page 2!!



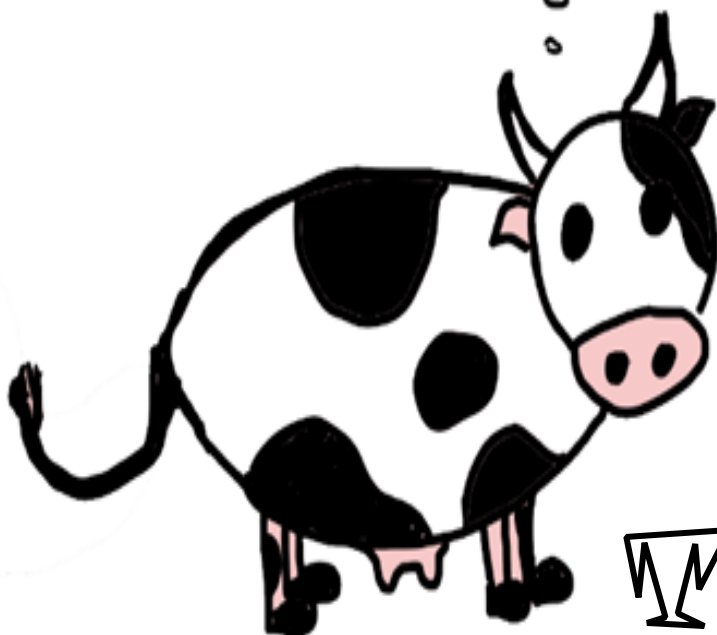
We did not take into account the impacts of our work and neglected EIA recommendations. We were ignorant and in the process caused harm to many creatures. We caused pollution to the water, killed marine lives and affected Ah Kao's farm. We always thought it was okay to ignore EIA if we can earn more money. We were wrong and we regret it. Damages done are hard to be reversed. So you as a reader, make sure to avoid before think twice before any action that will harm others



Environmental Impact Assessment (EIA) is an important aspect in any prescribed activity that can cause harm to the environment. One must be responsible with their activities which harms our beautiful Mother Nature. Everyone has to play their part in preserving the environment and protect it from being damaged. We share this responsibility together and if everyone makes a small contribution, it can lead to a big difference for generations to come.

US cows, we deserve the rights to have our basic necessity of food and our Mother Nature, a place we call home. Sadly, irresponsible human activities had caused us to lose our food and our home.

As a community of this earth, all living things should play their parts and be rational. If we were to be more aware of our actions, this world could be a better place. Every effort no matter how small can make a big contribution to Mother Nature.



THE END~

Summary of This Story

Ali and Muthu are a pair of successful petrochemical company tycoon brothers who own a multibillion petrochemical business and reside at a beach house. They regularly do coastal land reclamation to build more petrochemical factories and ignored proper EIA procedures, often lack a control measure. Ah Kao and his father, Ah Koa meanwhile are farmers in rural area, owning a small piece of land where they rely on livestock like cows for their living. Unfortunately, during the Covid-19 pandemic, Ah Kao's father contracted the virus and ended up in the hospital. Coincidentally, Ali felt sick too and ended up in the same hospital ward as Ah Kao's father. The two of them became friends. Not knowing Ali is from a wealthy family, Ah Kao told Ali his worries about his farm where business is on the verge of collapsing before the pandemic even stroke and worried that Ah Kao might not be able to support himself. He described the farm suffers from water pollution in the nearby river due to the petrochemical factory upstream. Upon hearing that, Ali felt sad and heavy hearted. Not long after, Ah Kao's father passed away. Ali meanwhile is heavy hearted about the concerns of Ah Koa. Soon, Ali recovered.

While Ali is hospitalized, Muthu was sitting at home alone by the beach. He realized things aren't the same anymore. The sea that he used to grow up is now filled with garbage and plastic wastes. The clear blue water is now yellowish and dirty. The turtles that he used to watching at late night had not been coming up to the sand to lay eggs anymore. Pollution had taken toll and Muthu is sickened by what he sees.

After Ali got discharged, he looked for Ah Kao and was shocked that all the cows in the farm were missing. Ah Kao told Ali that he run out of money and was left with no options but to sell the land and let the cows roam wild. The grass is also polluted by the river water upstream. Ali went back and told Muthu about Ah Kao's situation. They both agree that venturing into the agriculture sector can help solve future food shortage problem and help the environment as they know how much harm they have cause to the environment from their petrochemical industry. Thus, Muthu and Ali both decided to reclaim a piece of land for Ah Kao to rebuild his farm and save the roaming starving cows.