

**A social science & humanities
approach to GENE DRIVE
mosquitos for malaria control**



With so many STAKEHOLDERS we need some

JOINED UP THINKING

to avoid SUPPLY coming before DEMAND

to avoid UGANDANS feeling like GUIVEAIGS

to avoid UNFORESEEN KNOCK-ONS

BUT SO MANY DOTS TO JOIN!

CONTEXT helps inform debate & DEMYSTIFY

GENE DRIVE

POLITICAL LANDSCAPE

OTHER PROBLEMS

OTHER APPROACHES

HOW DO WE FRAME THE ISSUES?

AWAITING AGREEMENT ON WHAT ISSUES ARE

EXISTING MALARIA TOOLS

MALARIA HISTORY

60s STERILE MOSQUITO EXPERIMENT

BALANCE IS IMPORTANT

ACADEMICS → THEORY

PRACTITIONERS → PRACTICAL REALITY

UNDERSTAND LEVELS OF ENGAGEMENT

HIGHEST LEVEL?

GLOBAL? REGIONAL? LOCAL? NATIONAL?

GROUND LEVEL?

IN INCREMENTS? IN ONE GO?

LANGUAGE OF DEBATE

TIMING IS KEY

TOO LATE TO ENGAGE IF BALLS ALREADY ROLLING?

TOO ACADEMIC

JUST RIGHT!

I'M NOT STUPID!

BARRIERS TO ENGAGEMENT

GENE DRIVE NOT ON RADAR?

UGANDA GOVT HAS TIGHT CONTROL OF MEDIA

LACK OF AWARENESS & UNDERSTANDING = RUMOUR = MISTRUST

TECH ROOM AT ONCE FACILITATES & HAMPERS DISCUSSION AND I CAN'T GET A SIGNAL!

FEAR OF BREAKING RULES OF LOSING JOB... OR LOSING FACE

YOU CAN'T QUESTION THE NEED TO FIGHT MALARIA! BUT... I HAVE QUESTIONS

NO TIME!

WE MUST ACT NOW!

CIVIL SERVANT

BIG SCARY UNSTOPPABLE GENE DRIVE JUGGERNAUT

SAFE SPACE TO AIR VIEWS AND ASK DIFFICULT QUESTIONS

PERHAPS A NETWORK THAT FEEDS INTO AN INTERNATIONAL HUB?

POWER DYNAMICS

WHERE DOES THE POWER LIE?

GOVT. NGOs

ACADEMIA

ENFORCERS

REGULATORS

COMMUNITIES

WE NEED TO UNDERSTAND DECISION MAKING & LEVELS OF INFLUENCE IN AFRICAN COUNTRIES & CULTURES

What about in the UK?

What about GLOBALLY?

So many stakeholders!

DEBATE NEEDS TO BE UGANDA LED!

BUT LOCAL POLITICS CAN STIFLE DEBATE...

MAYBE INTERNATIONAL INVOLVEMENT HELPS?

TENDENCY TO FOCUS RESEARCH ON VILLAGES

It's great you want to speak to us again but...

...it's not reflective of the whole picture.

MALARIA AFFECTS EVERYONE

NORTH & SOUTH DYNAMIC

PERCEPTIONS

WHAT KIND OF FUTURE ARE DIFFERENT ACTORS ENVISIONING FOR GENE DRIVE?

IS IT A SUPPRESSION TECH?

AN EXTINCTION TECH?

IS IT A BIG DEAL OR WILL IT BE LAST YEAR'S BIG THING?

IS IT A DONE DEAL YOU CAN'T STOP PROGRESS?

...AN IF SO WHAT IS SSH ENGAGEMENT FOR?

SO... IN GENE DRIVE CONTEXT

WHAT IS SSH RESEARCH FOR?

A BOX TICKING EXERCISE?

A CONDITION OF FUNDING?

INSERT COIN

WILL THE CONVERSATION STOP WHEN THE MONEY DOES?

WHO BENEFITS?

CHANGING PEOPLE

CHANGING CAREERS

ANY CONFLICTS OF INTEREST?

IS FUNDER OF RESEARCH ALSO FUNDING ITS REGULATION?

IS IT ALL OPEN TO CRITICISM?

WOW THIS IS COMPLEX!

TODAY WAS ALL ABOUT TWO-SIDED COINS...

THIS IS TRUE

AS IS THE OPPOSITE

IDENTIFYING TENSIONS

CRITICAL v INSTRUMENTAL CAN WE? v SHOULD WE?

LOCAL v INTERNATIONAL ACADEMIC v PRACTICAL

CHICKEN & EGGS SITUATIONS

THE POLITICS

THE TECH

IT FELT LIKE A DROPPED PENCIL CASE...

QUESTIONS

IDEAS EXPERIENCE

PERSPECTIVES

A MESS OF USEFUL STUFF!

EXPERIENCE

TODAY HAS HELPED START GET IT ALL IN ORDER FOR THE NEXT ROUND!