

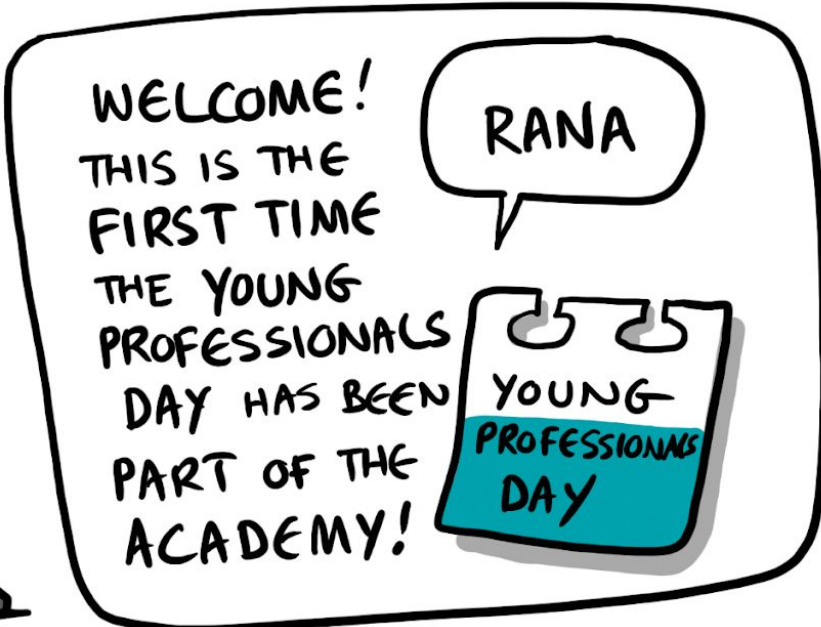
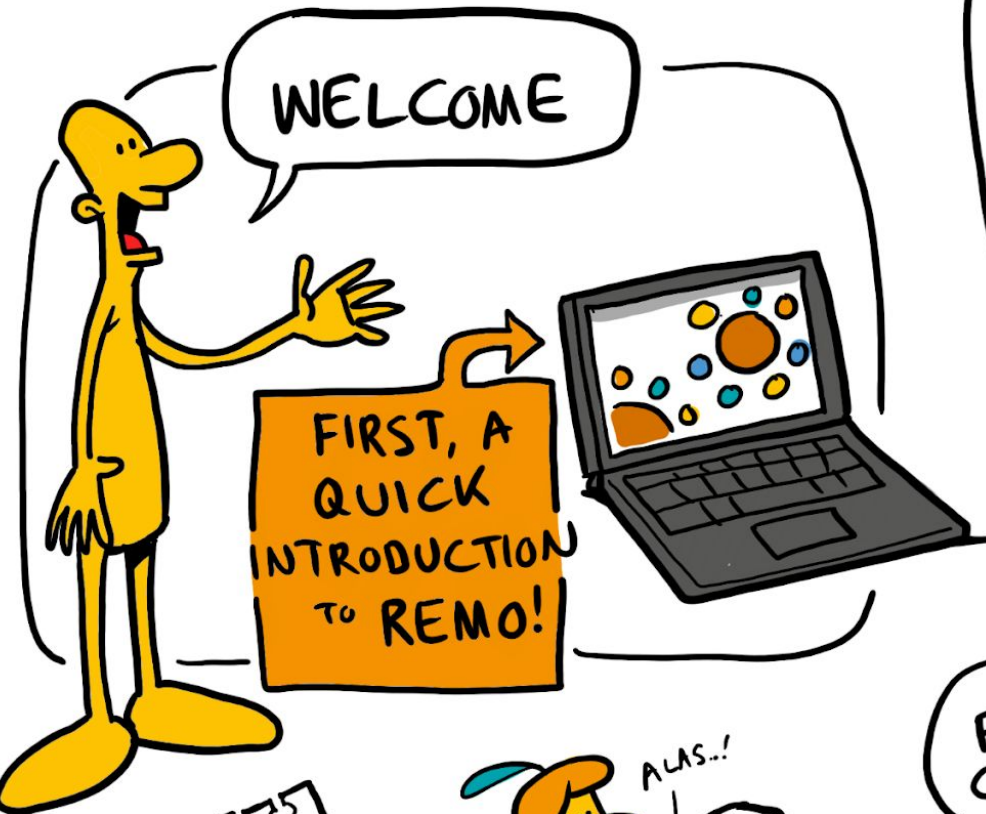
RENEWABLES NOW! FROM EVOLUTION TO REVOLUTION

New Opportunities, new players, new approaches

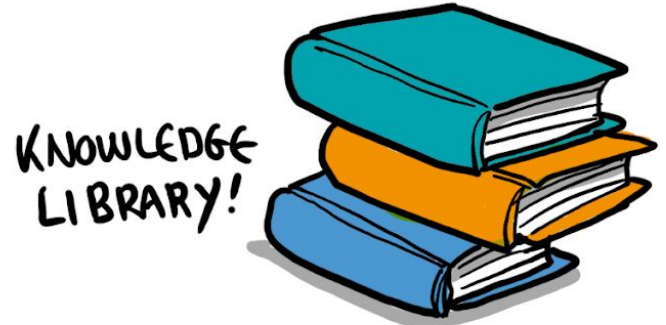


Young Professionals Day

OPENING PANEL



SPEAKERS:
RANA ABIB, REN21
BEATRIZ ILDEFONSO,
YES-EUROPE
ABDULLAH KHAIR,
STUDENT ENERGY
BENIAMIN STRZELECKI,
SDG7 YOUTH CONSTITUENCY



RANA

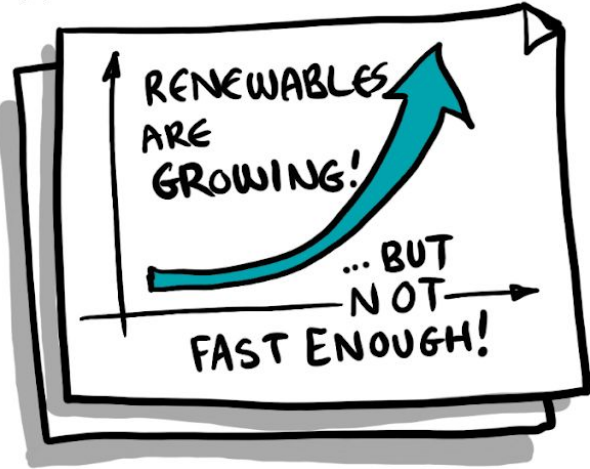
TODAY'S GOALS...

TO LEARN & SHARE KNOWLEDGE!

WHAT ARE THE DRAGS AND DRIVERS?

CREATE CONNECTIONS!

WE NEED TO MOVE AWAY FROM FOSSIL FUELS!

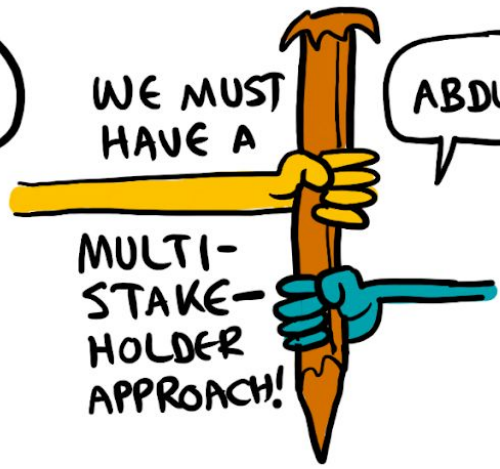


THERMAL 51%	TRANSPORT 32%	POWER 17%
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WE NEED TO DO MORE OF THIS!

HOW CAN YOUNG PROFESSIONALS START THE REVOLUTION?

FISH BOWL CONVERSATION



ABDULLAH

QUESTIONS FROM THE FLOOR...

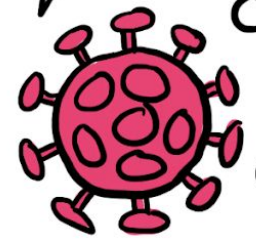
HOW CAN WE MAKE RENEWABLES ATTRACTIVE BEYOND THE TECH?

WHAT ARE THE BIGGEST BARRIERS YOUNG PEOPLE FACE?

ARE YOUTH SELF-ORGANISING ON INNOVATION?



BENIAMIN



COVID-19 HAS BROUGHT MANY CHALLENGES!

BEATRIZ

WE HAVE THE OPPORTUNITY TO DO SOME GOOD!



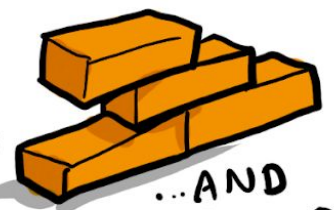
WE NEED TO REFORM EDUCATION!



WHAT IS YOUR ONE ACTION?



RANA HOW CAN WE BRING YOUNG PROFESSIONALS INTO THE CONVERSATION...



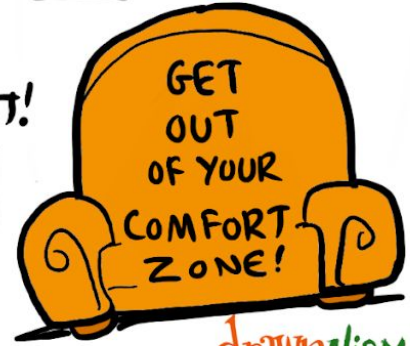
...AND BUILD ON THIS!

...IT HAS TO BE CONSTRUCTIVE, NOT JUST A P.R. EXERCISE!

BENIAMIN

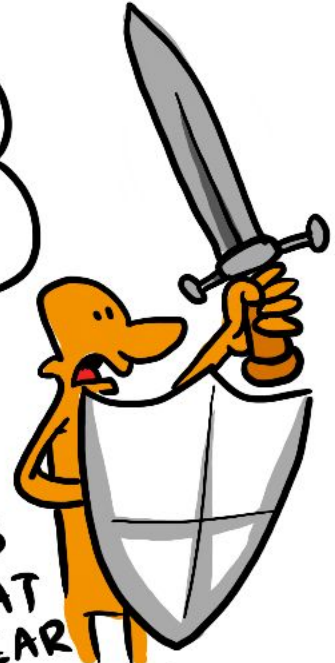


.. YOU NEED TO BE A SPECIALIST... ..AND A GENERALIST!



REFLECTIONS & WRAP-UP

I'M AMAZED AT HOW MUCH EVERYONE KNOWS!



IT'S GREAT TO HEAR THAT YOU DEFEND YOUR POSITION!

THE VOICE OF YOUTH NEEDS TO BE HEARD!



IF YOU COULD SUM UP TODAY IN 3 WORDS..?

NETWORK!
INSPIRING!
MOTIVATING!
BLOODY AMAZING!
ENERGETIC!
INSIGHTFUL!
INTERESTING!



THE GROWN-UP ACADEMY STARTS TOMORROW!



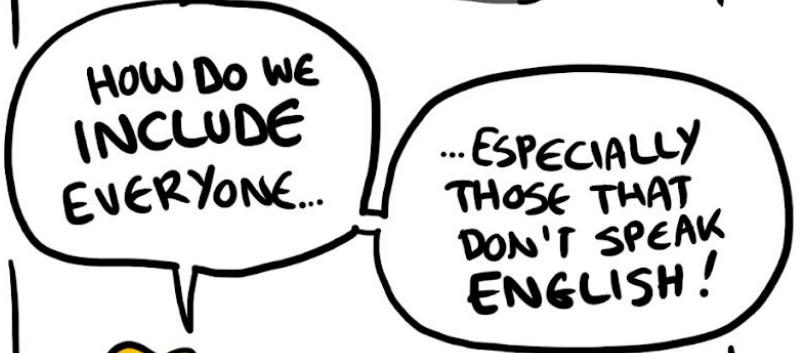
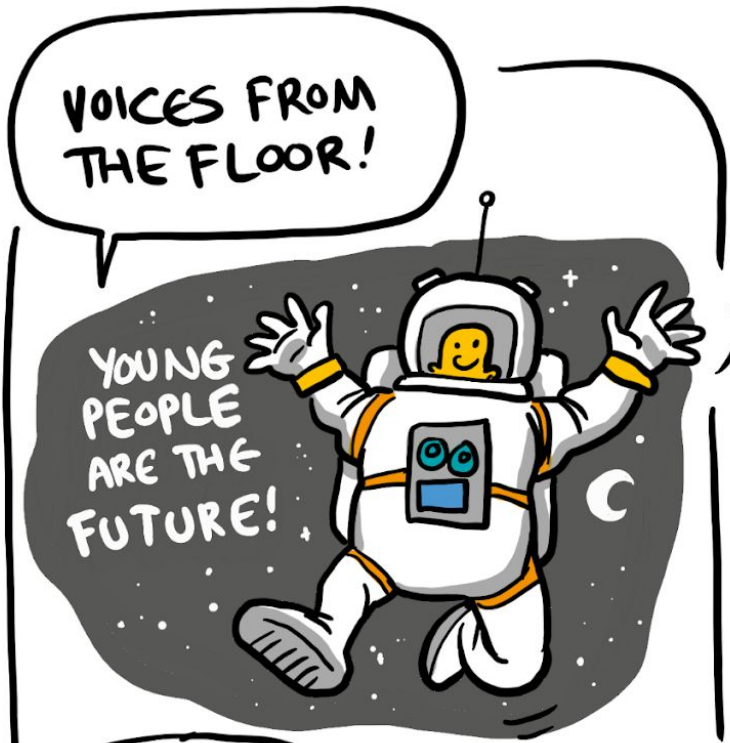
KATIE FINDLAY
DALIA ASSOUM
CHIBUNNA OGBONNA

PLEASE HOP INTO.. THE REGIONAL DIALOGUES!

THERE'LL BE LOADS OF INTERESTING TOPICS!
..AND PLEASE FILL IN THE QUESTIONNAIRE!



PLEASE RAISE YOUR (VIRTUAL) HAND IF YOU WANT TO SAY ANYTHING!



RENEWABLES NOW! FROM EVOLUTION TO REVOLUTION

New Opportunities, new players, new approaches



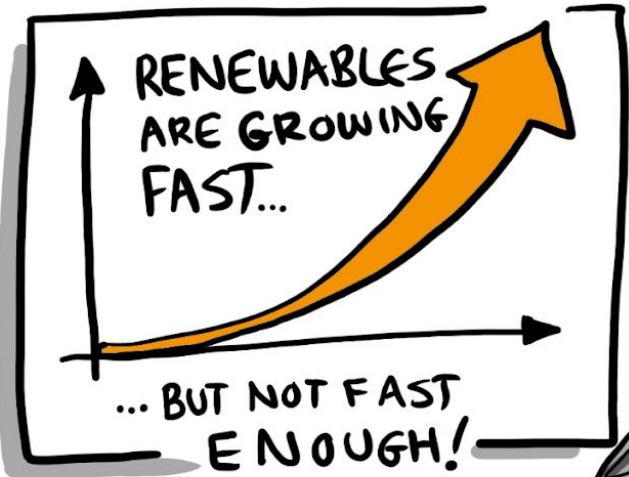
Day 1: 23 November

HIGH-LEVEL OPENING IN PLENARY

DRIVING CHANGE & EXPLORING NEW OPPORTUNITIES IN THE SHIFT TO RENEWABLES

RANA ADIB,
REN21

RENEWABLES NOW!
FROM EVOLUTION...
... TO REVOLUTION!



THERMAL	TRANSPORT	POWER
51%	32%	17%

... BUT ONLY 10.1% OF THIS IS RENEWABLE!

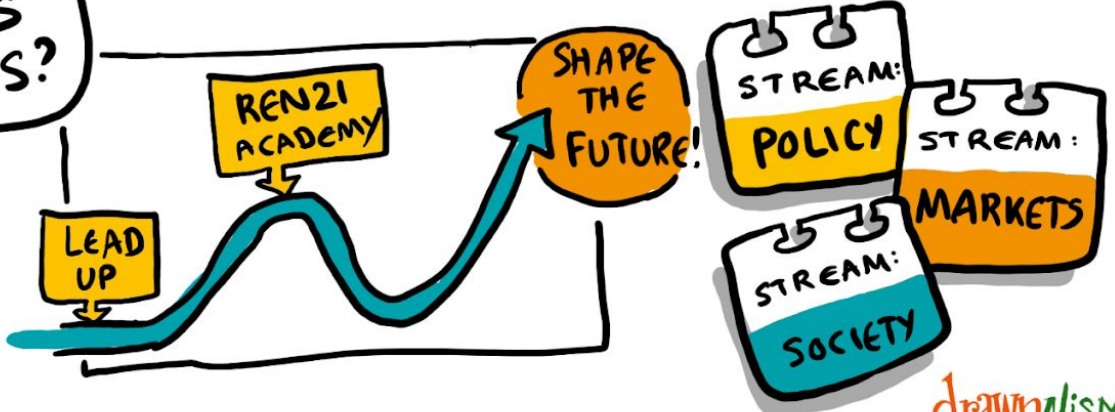
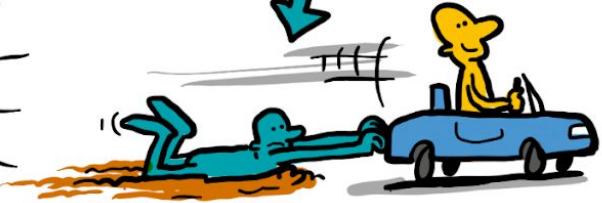
WE ARE A GLOBAL COMMUNITY!

of 2000 COMMUNITY MEMBERS!



WE NEED TO MAKE SURE OUR VOICES ARE HEARD!

WHAT ARE THE DRAGS & DRIVERS?



KEYNOTE: LEADERSHIP THROUGH TRANSITION

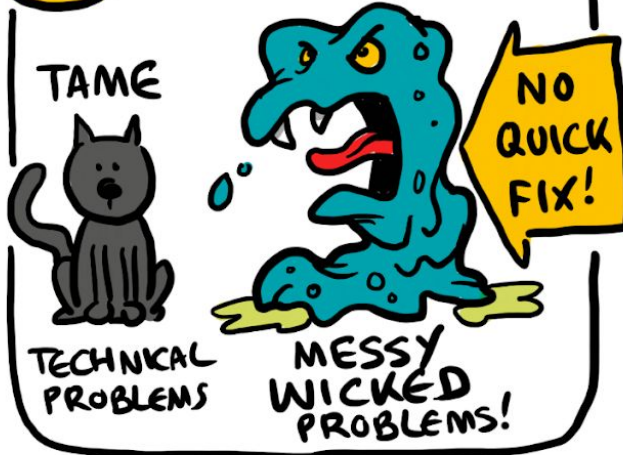
RICK TORSETH

4 LEADERSHIP DISTINCTIONS!

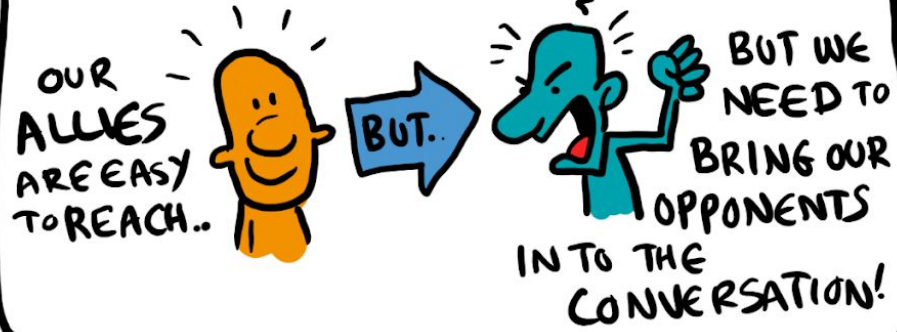
1. LEADING vs. AUTHORITY



2. TAME vs WICKED



3. MOBILISING THE MOVEMENT



4. LOSS



PANEL DISCUSSION

DITTE

IN EUROPE,
WITH THE



...WE'VE SET
A
CLEAR
TARGET!

WE HAVE
TO MAKE THE
TRANSITION
JUST!



...IT SHOULD BRING
ECONOMIC
RECOVERY...
...IF WE DO IT RIGHT!

SAM

WE STARTED OUT
WITH A 'SHOULD-DO'
APPROACH!

...SO FAR
269
COMPANIES
HAVE COMMITTED
TO USING 100%
RENEWABLES!

A
WIN-WIN!



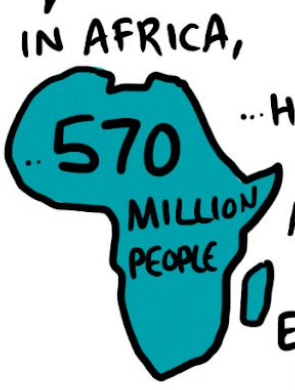
...BUT CHANGE IS SLOW



PANEL

- MARIA ALTHENA BALLESTERO S, GROWAULD FAMILY FUND
- MONICA ARAYA, CLIMATE CHAMPIONS
- SAM KIMMINS, RE100
- DITTE JUUL JØRGENSEN, EUROPEAN COMMISSION
- OLAEDO OSOKA
- MODERATOR: RENA ADIB

OLAEDO



WE ARE
LOOKING
AT BIBLICAL
LEVELS OF
FAMINE
IF WE
DON'T
CHANGE!



WE
NEED
MORE
STRUCTURE,
AND TO TAILOR
FINANCE
TO THE
LOCAL
SITUATION!



...HAVE
NO
ACCESS
TO
ELECTRICITY
AT ALL!

MONICA

OUR BIG
STORY IS
ALL OUR
ELECTRICITY IS
RENEWABLE!

...BUT THERE
ARE SMALL
STORIES..

...WE SAID
NO!
TO CHINESE
OIL DRILLING!



...AND WE'RE
LOOKING
AT ELECTRIFYING
ALL TRANSPORTATION!



...OUR BACKPACK
IS BIGGER &
HEAVIER!



MARIA

...YOU
HAVE TO
SAY 'YES'
TO
EVERYTHING!

THINGS ARE
IMPROVING...



THE PHILIPPINES
ARE MOVING AWAY FROM FOSSIL FUELS!

PANEL (CONTINUED...)




WE HAVE TO INVITE BUSINESS ASSOCIATIONS TO CHANGE...

...OR
GO!
(AND MAKE SPACE FOR NEW ONES!)



WE NEED TO ADAPT..

... AND SPEAK THEIR LANGUAGE!



OLD TRADE BODIES STILL NEED TO CHANGE!

...WE NEED TO BRING THEM ON BOARD TO 21ST CENTURY POWER!



THE RENEWABLE MARKET IS NOW COMPETITIVE WITH CHEAP COAL!

WHAT'S THE ONE THING TO CHANGE?

HOW CAN WE CREATE EFFECTIVE NARRATIVES FOR PEOPLE HEAVILY INVESTED IN FOSSIL FUELS?

WHEN OLD INDUSTRIES DIE... THEY BECOME EXTINCT!

ASK AWKWARD QUESTIONS!



YOU HAVE TO TUNE THE LANGUAGE TO THE AUDIENCE!



drawnAlism

DAY 1 REFLECTIONS

RANA ADIB

WE'RE SUPER EXCITED!



...AND EXHAUSTED!



MY DRAWINGS!



YOU NEED TO LISTEN!



IT'S GREAT TO MEET YOUR NERDY FRIENDS!



LEADERSHIP IS A CHOICE!

THERE WAS SO MUCH COMMON SENSE!



THERE ARE MANY GOALS..



A POSTCARD FROM THE FUTURE!



MAY THE FORCE BE WITH YOU!



JUSTICE!
EQUITY!
DIVERSITY!
INCLUSION!

"THIS RIVER COULD POWER THE WHOLE TOWN!"



TOMORROW IS MORE OF THE SAME!



...AND NOW, THE REN21 QUIZ!

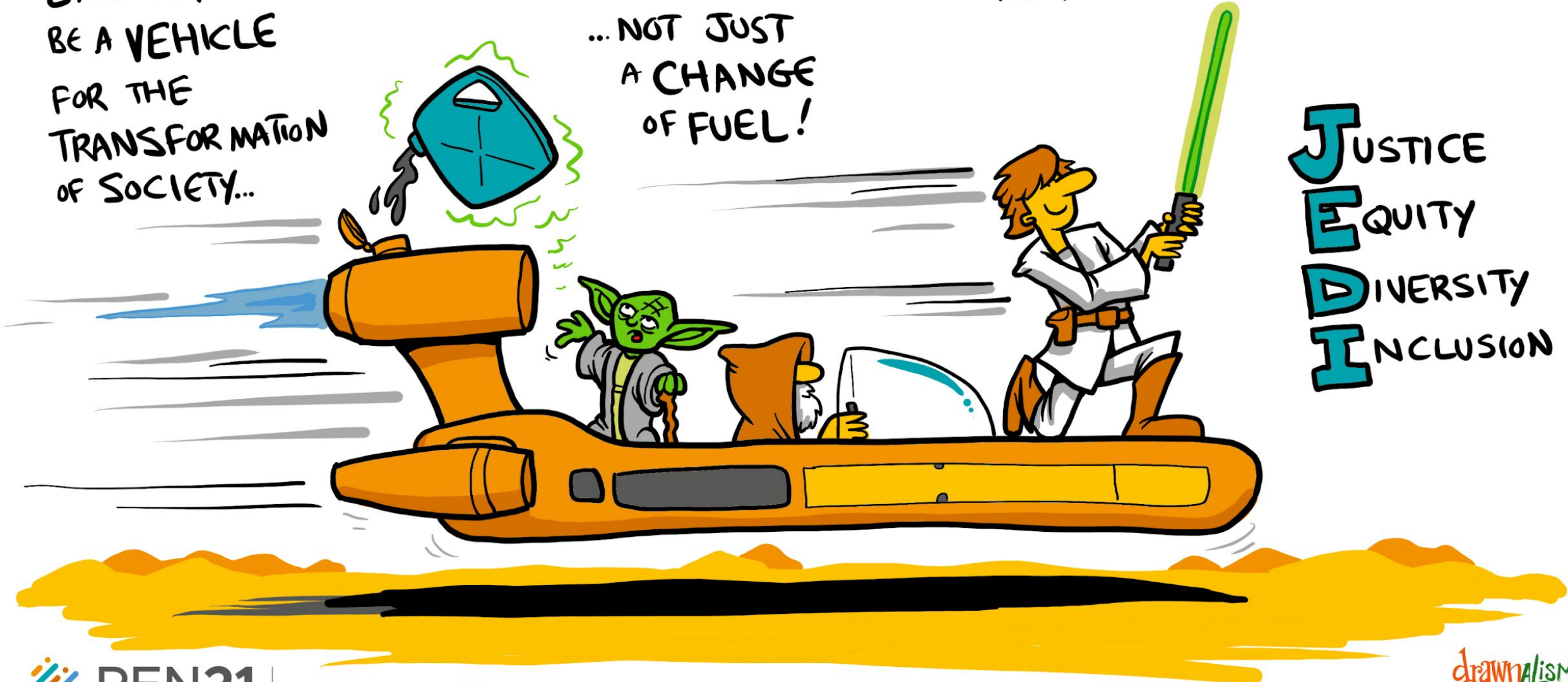


RENEWABLE ENERGY CAN BE A VEHICLE FOR THE TRANSFORMATION OF SOCIETY...

...NOT JUST A CHANGE OF FUEL!

... BUT IT WILL ONLY BE TRANSFORMATIONAL IF IT ADOPTS THE JEDI APPROACH...

JUSTICE
EQUITY
DIVERSITY
INCLUSION



RENEWABLES NOW! FROM EVOLUTION TO REVOLUTION

New Opportunities, new players, new approaches



Day 2: 24 November

FIRESIDE CHAT

MAINSTREAM RENEWABLES: INVOLVING NEW PLAYERS & ALIGNING CONTRAVERSIAL PERSPECTIVES

JAMIE BEARD,
UNIVERSITY OF TEXAS AT AUSTIN
XAVIER CHALBOT,
RIO TINTO
MODERATOR:
MARIT BROMMER

WE ALL WANT
RENEWABLES...

... BUT OIL, COAL
AND MINING
HAVE AN INTEREST
IN THIS TOO!



JAMIE

I BELIEVE
THAT OIL &
GAS HAVE THE
CAPABILITY TO
EMBRACE RENEWABLES...

XAVIER

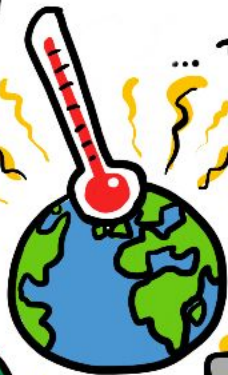
WE'VE STOPPED
MINING FOR
COAL...

...BUT WE'VE
MOVED TO MINE
MORE COPPER...

OIL & GAS HAVE HAD
A FRANKENSTEIN
APPROACH TO
RENEWABLES,
AND HAVE
BEEN
ACCUSED
of...



... THEY CAN PIVOT
TO GEOTHERMAL



...AND IRON

WE NEED
THESE TO BUILD
RENEWABLE POWER!



WE NEED
TO TALK
TO EVERYONE!

HI!



ARE OIL & GAS GOING TO BE ELECTRICITY PRODUCERS...?

YES! ... BUT NOT FROM WIND & SOLAR!



... BUT FROM HYDROGEN & GEOTHERMAL!



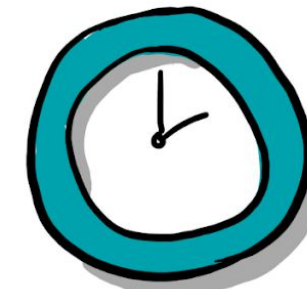
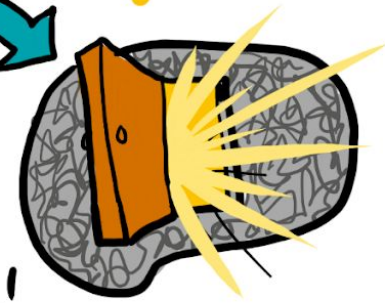
...THEY ALREADY HAVE THE SKILLS & THE EQUIPMENT!



WE HAVE TO BE HONEST...
... SOLAR & WIND POWER AREN'T ENOUGH ON THEIR OWN!



LET'S KEEP AN OPEN MIND ON THE OPTIONS!



... AND THESE THINGS TAKE TIME!

EXTRACTION INDUSTRIES USE A LOT OF ENERGY,
... BUT WE'RE CLOSING COAL PLANTS & MOVING TO HYDRO & SOLAR



... BUT WE NEED TO WORK WITH THE LOCAL ENVIRONMENT FOR THE BEST SOLUTION

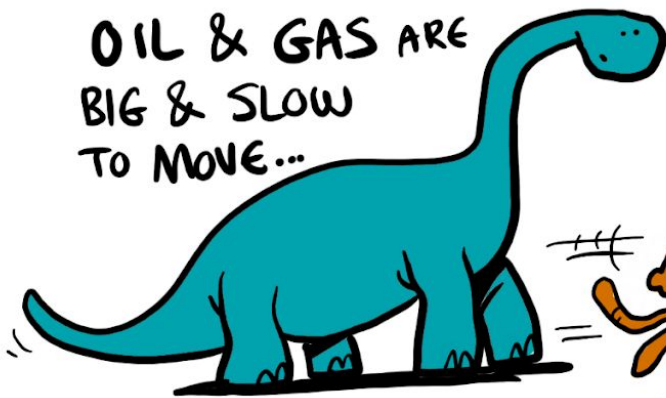
WE'VE COMMITTED



THE **NOW...** ... IS IN THE NEXT...



OIL & GAS ARE
BIG & SLOW
TO MOVE...

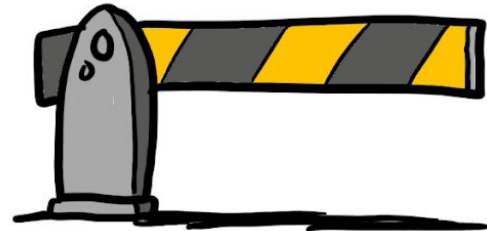


...BUT STARTUPS
CAN BE QUICKER
& MORE
INNOVATIVE!



WHAT WAS THE
KEY DRIVER TO
STOP MINING?

...AND WHAT
WERE THE BARRIERS?



WHEN YOU
THINK OF
GEOTHERMAL,
YOU THINK OF
ICELAND...



...BUT IT'S NOT
THE ONLY WAY!

CHINA
IS A HUGE
MARKET... AND
IS CHANGING ITS
POLICIES!



RENEWABLE
TECHNOLOGIES
NEED RARE
EARTH
MINERALS...



...HOW DO WE
SQUARE THEIR
EXTRACTION
WITH OUR
ENVIRONMENTAL
GOALS?

KEEP YOUR
EYE ON THE
BALL!



...WE WILL
HAVE TO
WORK WITH
INDUSTRIES
WE'RE NOT
USED TO!

WE ARE
LOOKING
TO MINIMISE
THIS... BUT
THIS COMES
AT A COST
TO THE CONSUMER!



PARTNERSHIPS
ACROSS SECTORS
ARE THE ANSWER!



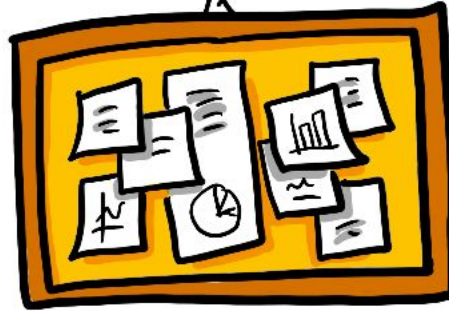
DAY 2 REFLECTIONS

THERE IS SO MUCH KNOWLEDGE & EXPERIENCE ... WE NEED THIS SPACE!

THE FIRESIDE CHAT...
... WAS DELIBERATELY CONTROVERSIAL!
← COAL!

... BUT WE NEED TO HAVE THESE CONVERSATIONS!

WE NEED TO TALK...
... TO DIFFERENT PEOPLE!



PEOPLE ARE REALLY ENGAGING IN THIS PROCESS!

THERE IS NOT ONE SOLUTION

..THERE ARE MANY!



WE NEED TO ENGAGE YOUNG PEOPLE!

RANA ADIB

BRIDGING ECOSYSTEMS IS EASY...

... BRIDGING TRIBES IS MUCH HARDER!



RENEWABLES NOW! FROM EVOLUTION TO REVOLUTION

New Opportunities, new players, new approaches



Day 3: 25 November

PANEL DISCUSSION: LEADING WITH NEW APPROACHES TO MAKE CHANGE HAPPEN

MODERATOR:
KATERINA UHEROVA-HASBANI
MARGOT VON AESCH, REDBURN
SHANNON SIYAO WANG, RENZI
RICARDO SAVIGLIANO
FILAGOT TESFAYE, ON ENERGY
DAN DOMER, CLEAN ENERGY MINISTERIAL

DAN
 APOLOGIES FOR THE BUILDING NOISE!
 ...THIS CLEAN ENERGY DECADE MUST BE ABOUT DEPLOYMENT
 ...HAS BEEN GOOD FOR CLEAN ENERGY...
 ...COULD BE GREAT!
 THE STARS ARE ALIGNING!
 WE'RE EMPOWERING THE PEOPLE!

MARGOT
 WHY ARE A STOCK BROKERS INVOLVED?
 NOT BEING INVOLVED IN RENEWABLES MAY HURT YOUR STOCK!
 USING MACHINE LEARNING, WE'RE TRACKING BUSINESSES OPINIONS!
 WE RATE BUSINESSES ON A MATURITY SCALE!

RICCARDO
 THIS IS THE 4TH INDUSTRIAL REVOLUTION
 2/3 OF CHILDREN BORN TODAY WILL WORK IN A JOB THAT DOESN'T EXIST TODAY!
 GREEN SKILLS ARE THE FUTURE!

SHANNON
 NO SOME PUBLIC SECTOR OFFICIALS BLOCK RENEWABLES...
 IN CAMBODIA ACTIONS WERE MADE TO REDUCE THE PRICE OF ELECTRICITY TO ATTRACT INVESTMENT!

FILAGOT
 WE NEED TO HAVE... DIVERSE VOICES!
 WOMEN HAVE A BIGGER STAKE IN RENEWABLE ENERGY
 ARE WOMEN! WE NEED TO BE HEARD!

WE NEED TO SHARE GOOD STORIES!
 RENEWABLES REALLY TOOK OFF IN CHINA AFTER THE ECONOMIC CRISIS!

PANEL: QUESTIONS & ANSWERS

THE QUESTIONS WE ASK IN OUR PERSONAL LIVES...

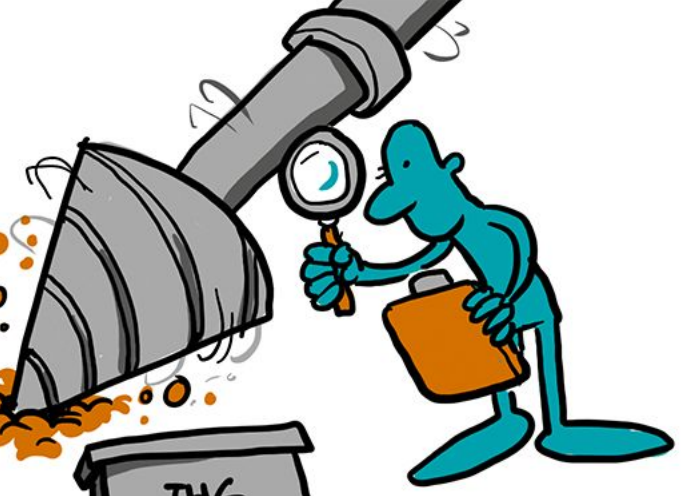
...CAN ALSO BE ASKED OF GOVERNMENTS & BUSINESS!



WE DON'T JUST SEND OUT A SURVEY & WAIT...



...WE HAVE BUSINESS ANALYSTS WHO DRILL DOWN FOR THE DATA



COVID IS HELPING US A LOT!

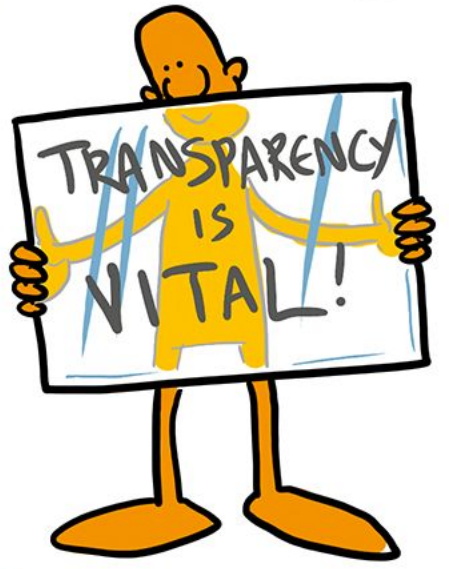
...BY HELPING US BUILD BRIDGES & MAKE PLANS!



THE PRIVATE SECTOR IS OUR BEST ALLY!



TRANSPARENCY IS VITAL!



CONSIDER WHERE YOUR MONEY IS INVESTED!



THE CONVERSATION IS MOVING FROM THE ENERGY SECTOR...

...TO EVERY SECTOR!



WHAT DOES THE 'NEW NORMAL' ACTUALLY MEAN?

INVEST IN SKILLS!



GOING FROM EVOLUTION TO REVOLUTION: LEADING TO ACTION

GRIFFIN THOMPSON,
U.S. DEPARTMENT OF STATE

IT'S AN
EXCITING
TIME TO
BE STUDYING
ENERGY!



WE'RE IN
THE MIDST
OF AN ENERGY
REVOLUTION!



...WE CAN
DO BETTER!

WE NEED
TO CHANGE
THE RULES
OF ENERGY
ENGAGEMENT!

1 ~~2~~ 3
4 5 6 7 8 9

ENERGY IS MUCH
MORE THAN
ELECTRONS...
EVERYTHING
ABOUT DEVELOPMENT
DEPENDS ON IT!

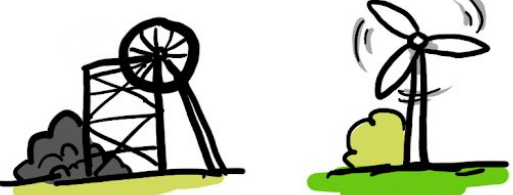


REVOLUTIONS
BREAK THINGS!

TO SOLVE
ONE PROBLEM...

...YOU HAVE TO
SOLVE THE OTHERS

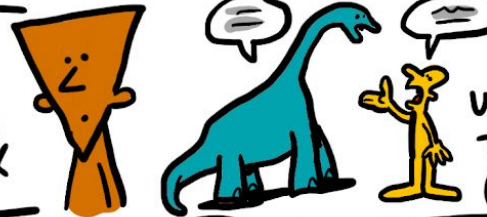
..IF WE JUST CHANGE
OLD FOR NEW..



..BUT LEAVE THE
OLD REGULATORY
SCAFFOLDING
IN PLACE...

...THEN WE
WON'T
HAVE
LEARNED
AT ALL!

WE HAVE
TO REACH
OUT TO PEOPLE
WHO DON'T LOOK
LIKE US!



WE NEED TO SPEAK
TO FOSSIL FUELS
(AND OTHERS...)



... WE NEED
TO CHANGE
OUR BEHAVIOUR!

..AND HAVE
FUN IN THE
PROCESS!



WE HOLD A
PIECE OF
THE TRUTH...
...BUT NOT THE WHOLE TRUTH!

CLOSING SESSION IN THE REN21 ACADEMY, REFLECTING ON FINDINGS, PROGRESS & ACTION

RANA ADIB
GRIFFIN THOMPSON,
U.S. DEPARTMENT OF STATE

TAKE
ADVANTAGE
OF THE NEW
ADMINISTRATION!



WE NEED TO
MOVE FROM
EITHER OR TO **AND PLUS!**

.. WE NOW LIVE IN A
BLACK AND WHITE
WORLD!

HOW DO WE
MANAGE THE
CRISIS OF
EMPATHY?

HOW DO
WE COPE
WITH THE
URGENCY?

WE HAVE TO
THINK ABOUT THOSE
WHO WILL LOSE

I WON!
FAKENEWS!

THEY KNOW
IT'S COMING...
...HOW SHOULD
WE TALK TO
THEM?

EVERY INSTITUTION
HAS ...
PRIESTS AND PROPHETS

HOW DO
WE DEAL
WITH
MISINFORMATION?
THE NEWS
**FAKE
NEWS!**

...LISTEN!

I LEARNED
EVERYTHING
ABOUT LIFE IN
KINDERGARTEN

CHANGE
NEEDS
LEADERSHIP!



...SEE YOU IN THE ROOFTOP BAR!

