ACAMIS Spring Conference March 2015

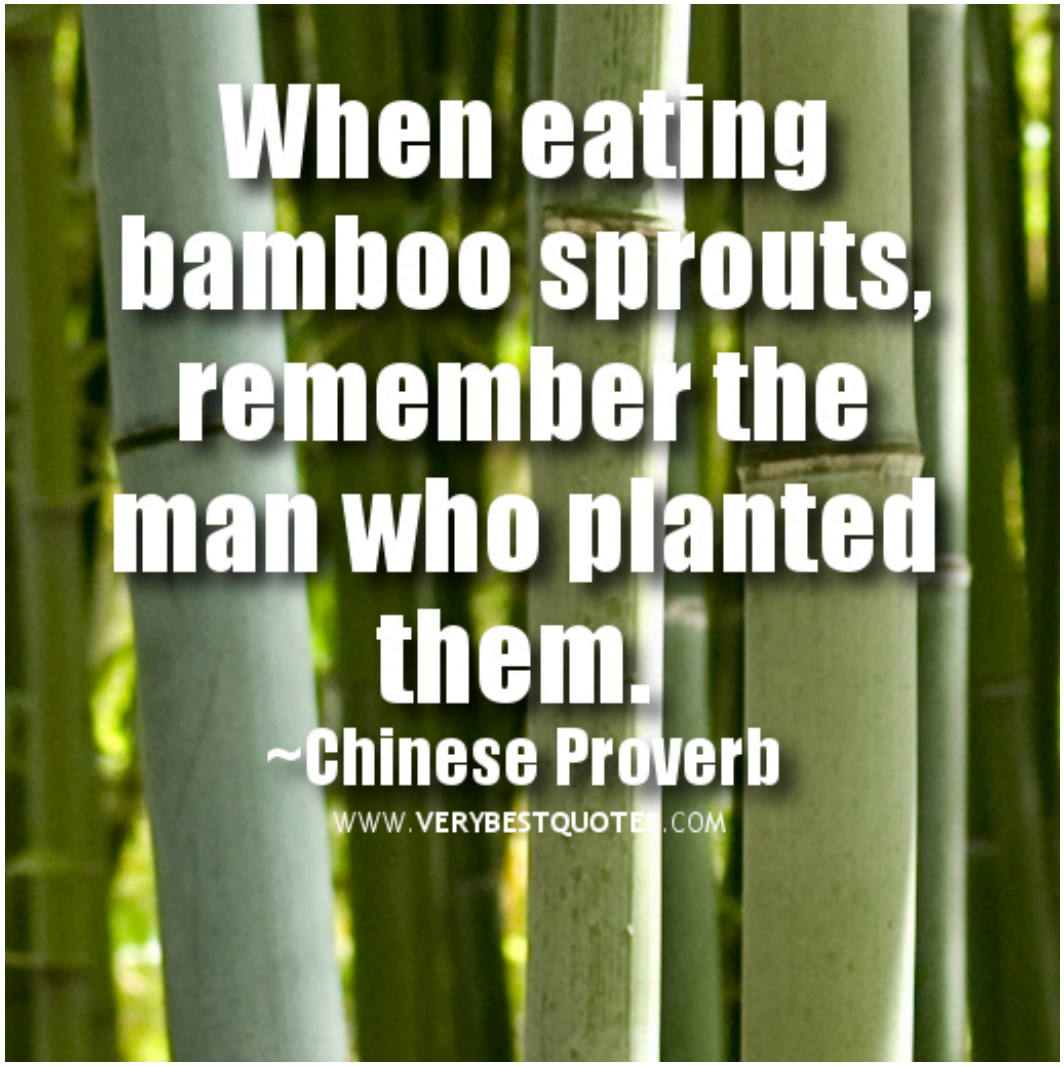
American International School of Guangzhou

Thanks and recognition

Dr. Bernadette Carmody

Director, AISG

饮水思源


When eating bamboo sprouts, remember the man who planted them.
~Chinese Proverb
WWW.VERYBESTQUOTES.COM

Keynote: Compass

Mike Johnston

Principal, United World College Singapore

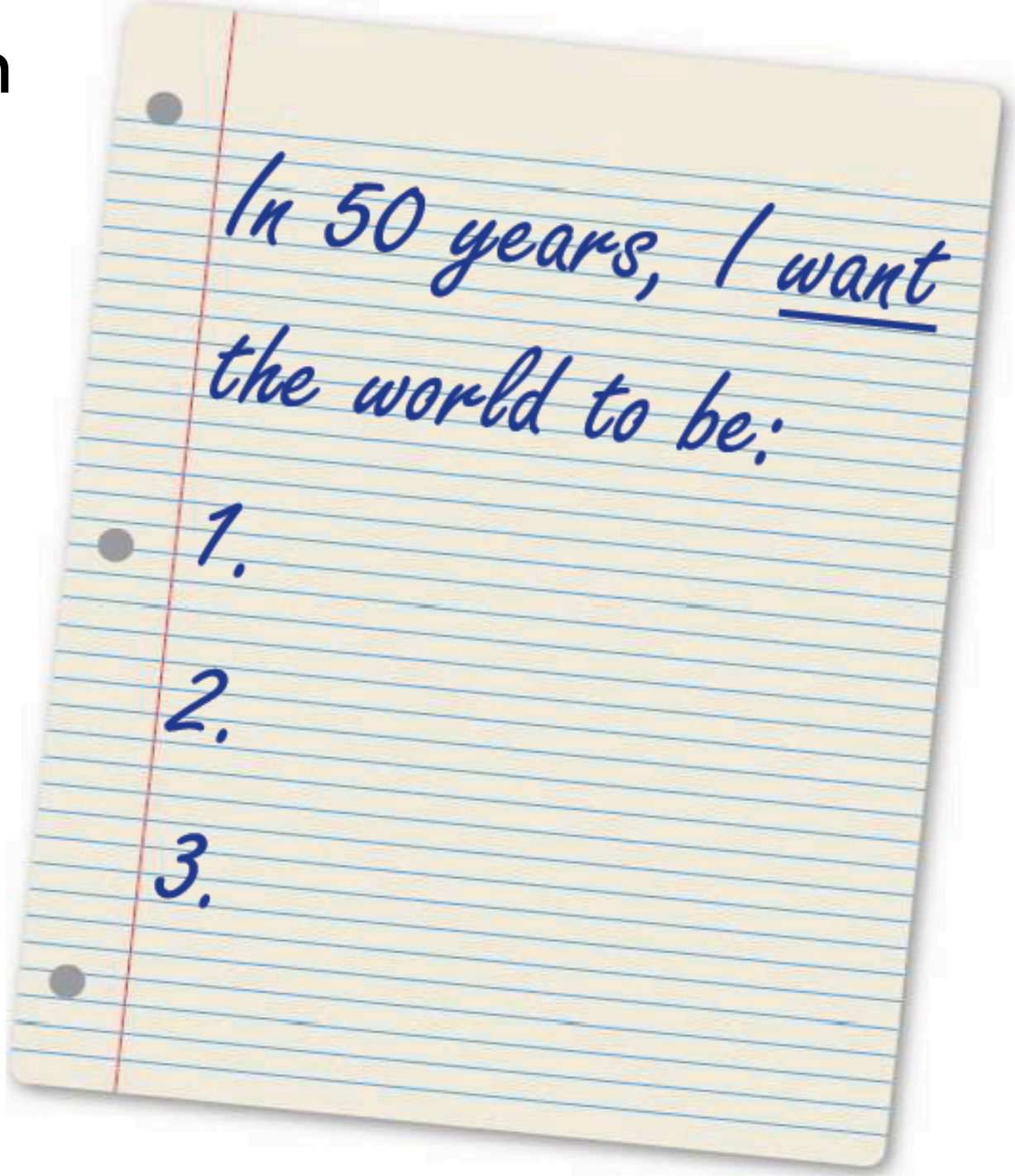
Equipping Schools For A Sustainable Future

TRANSFORM LEARNING *with* 3D VISION

SINCE 1981
AISG
American International School of Guangzhou

ACAIS

Dream



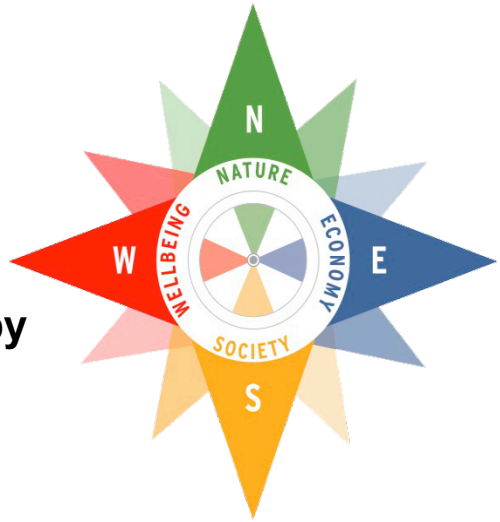
Design

The world becomes what you teach

The Compass is an Orientation Tool for Transformative **Teaching, Learning and Thinking**

Environmentally Healthy, Diverse, and Regenerative

Nature



Wellbeing

Fulfilled, Healthy & Happy People

Economy

Economically Responsible & Viable & decoupled from environmental degradation

Society

Socially Responsible, Diverse, Equitable, Cohesive and involved community & groups

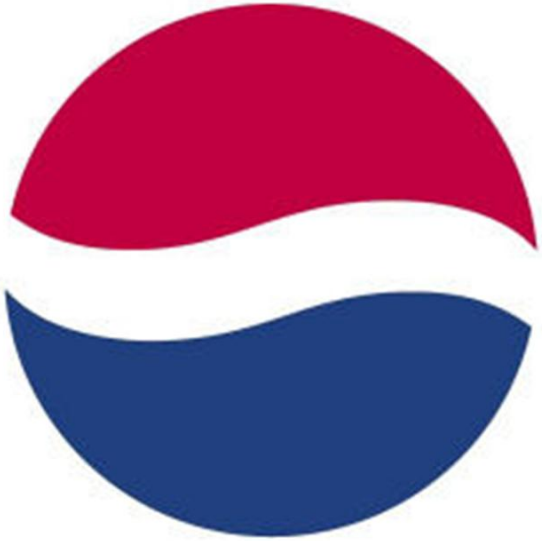
Deliver

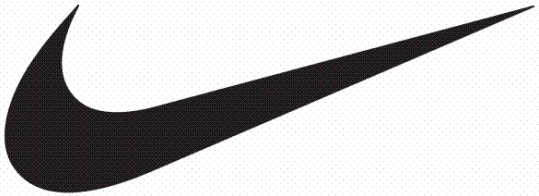
Only after the last tree has been cut down
Only after the last river has been poisoned
Only after the last fish has been caught
Only then will you find that money cannot be eaten

Cree Indian Saying

Foto: Arne Anderberg

i'm lovin' it™

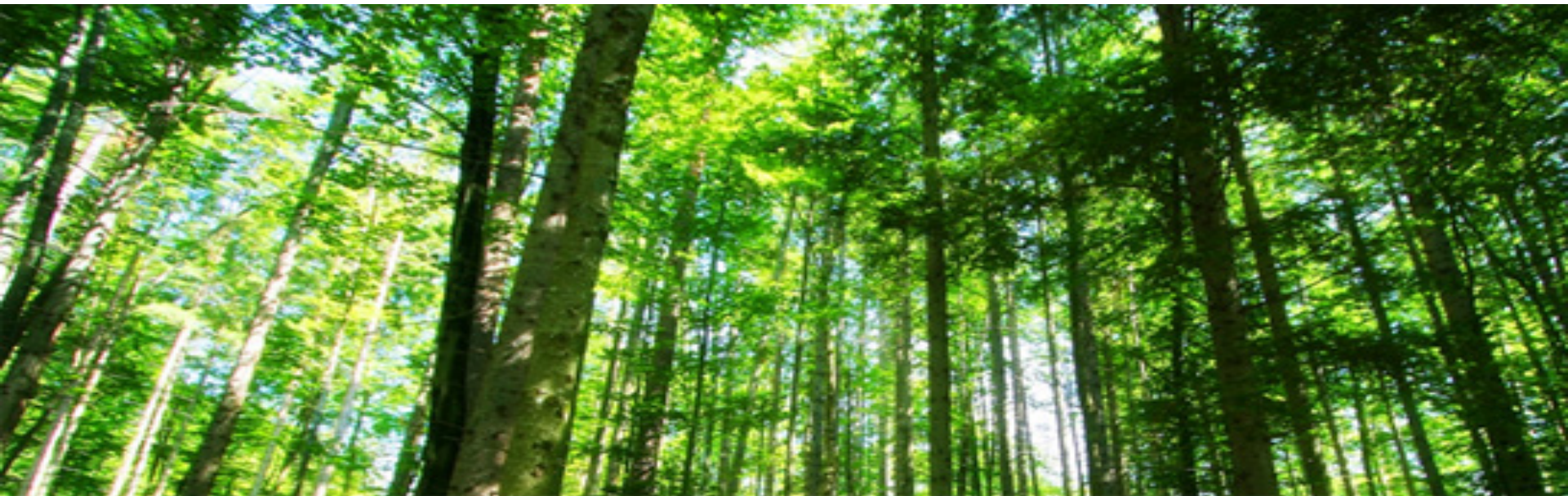




TM

Simply, Sustainability is . . .

A set of conditions and trends in a given system that can continue indefinitely.

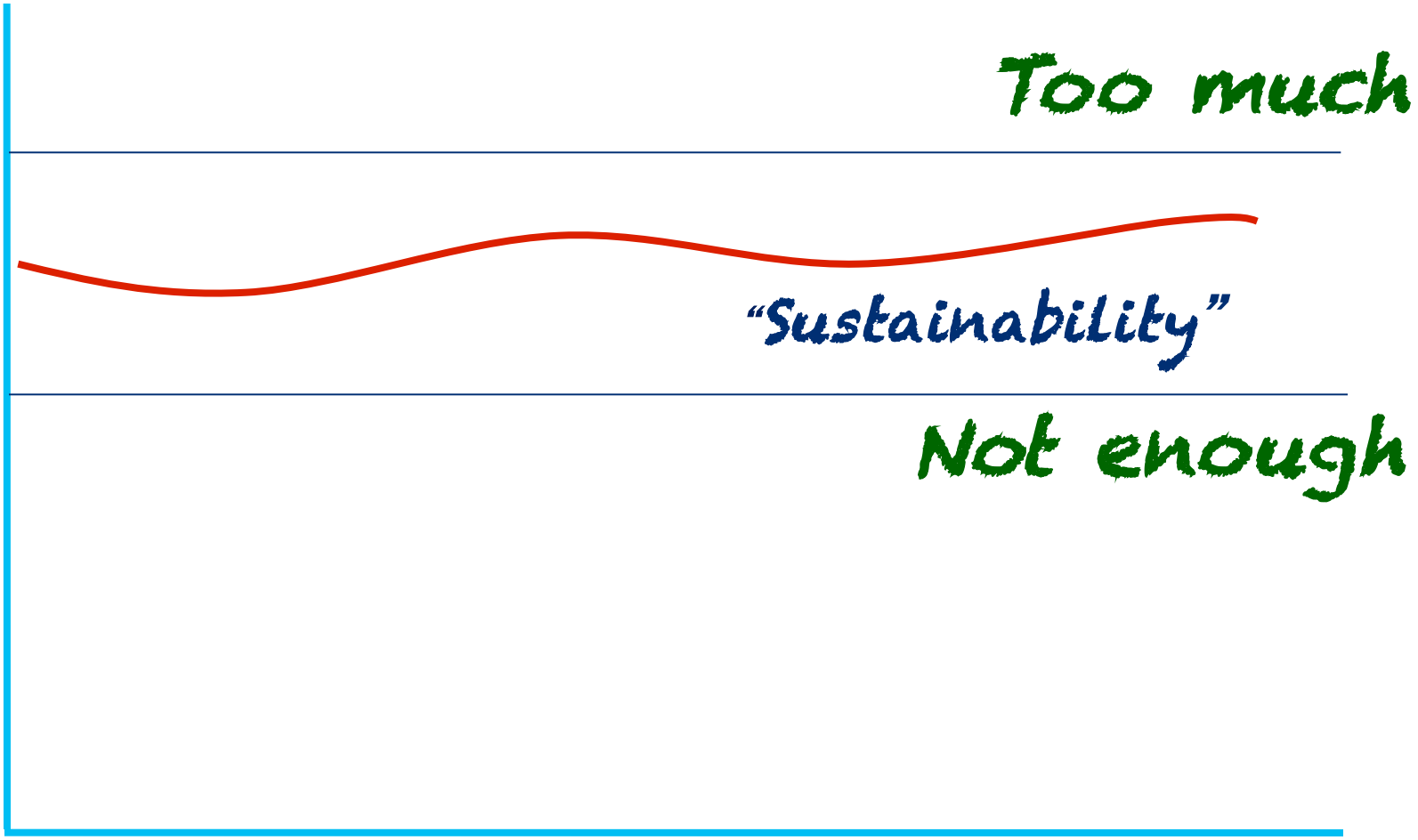


N
NATURE
W
WELLBEING
ECONOMY
E
SOCIETY
S

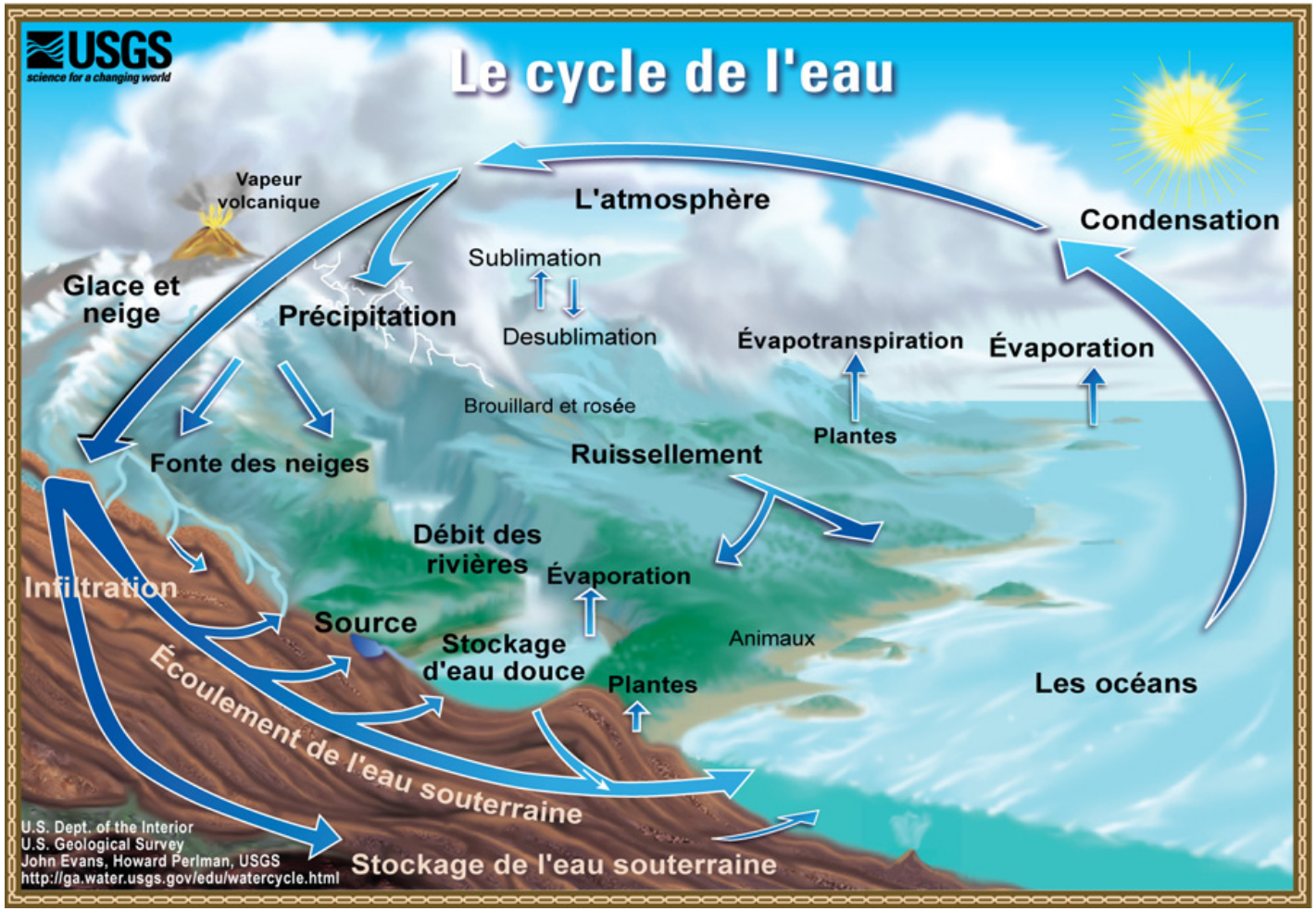
“We need an outcome that says happiness and wellbeing are measured in more than gross national income – and that they are fundamental goals in themselves.”

UN Secretary-General Ban Ki Moon

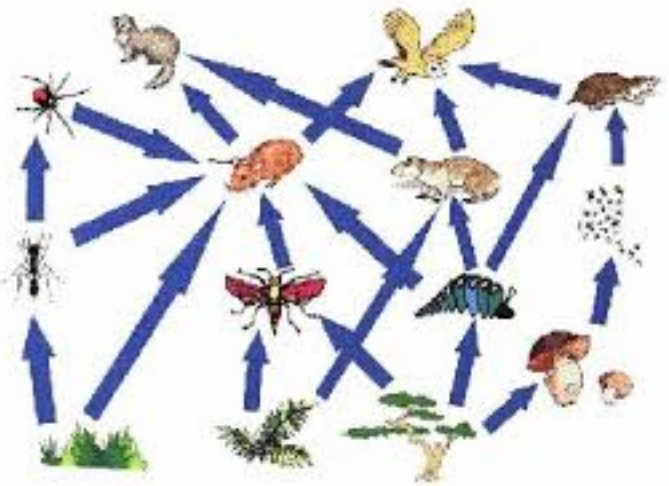
Graphically, Sustainability is . . .

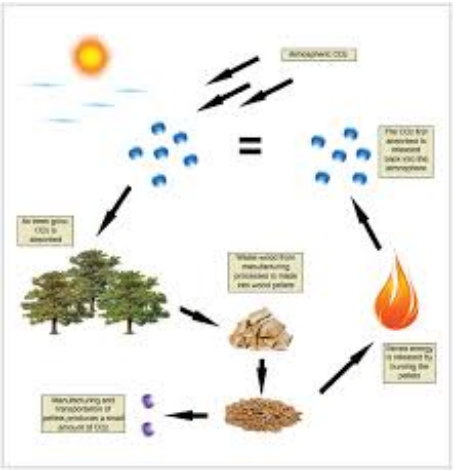


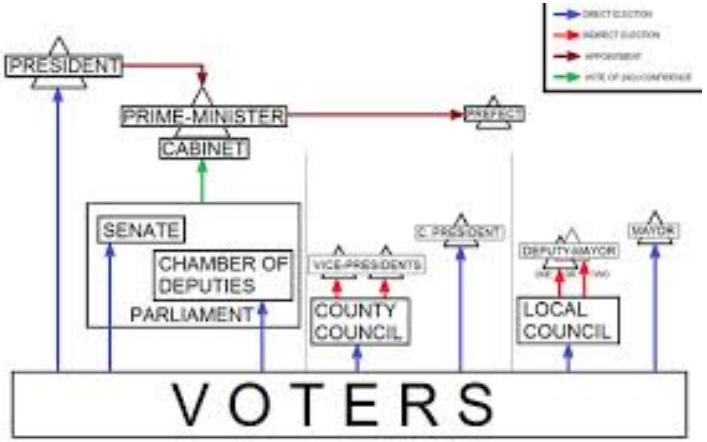
What does this mean for schools?

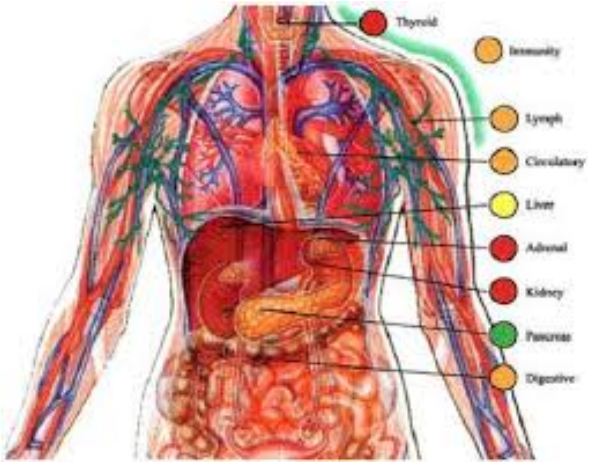


Systems Maps





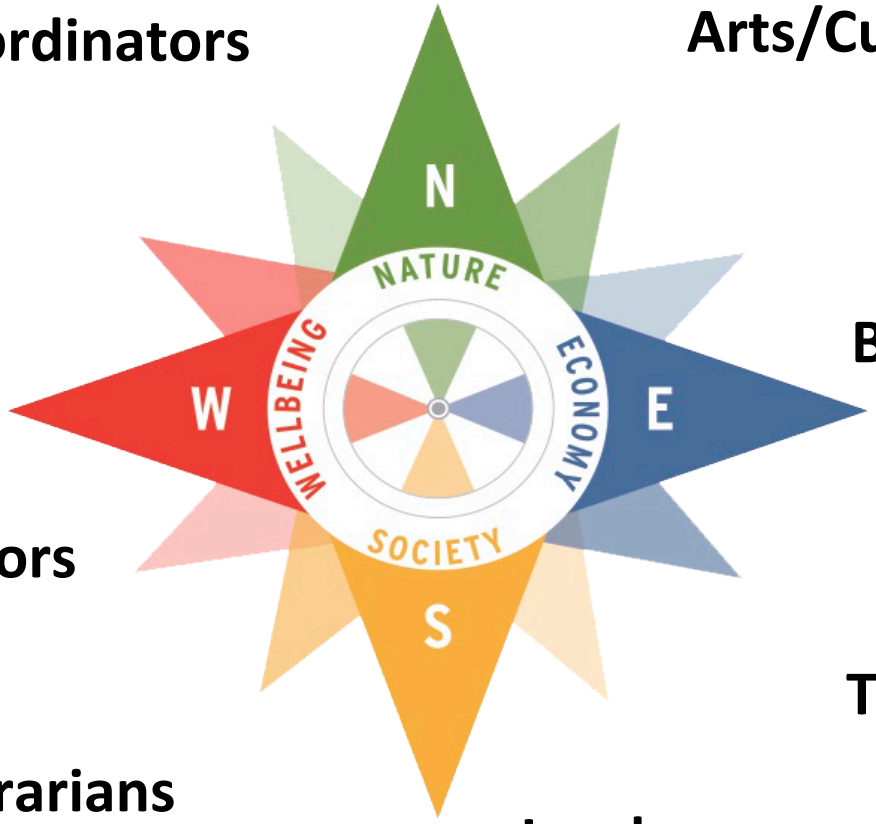




Systems in schools?

Curriculum Coordinators

Arts/Cultural Enrichment



Counselors

Business Managers

Athletic Directors

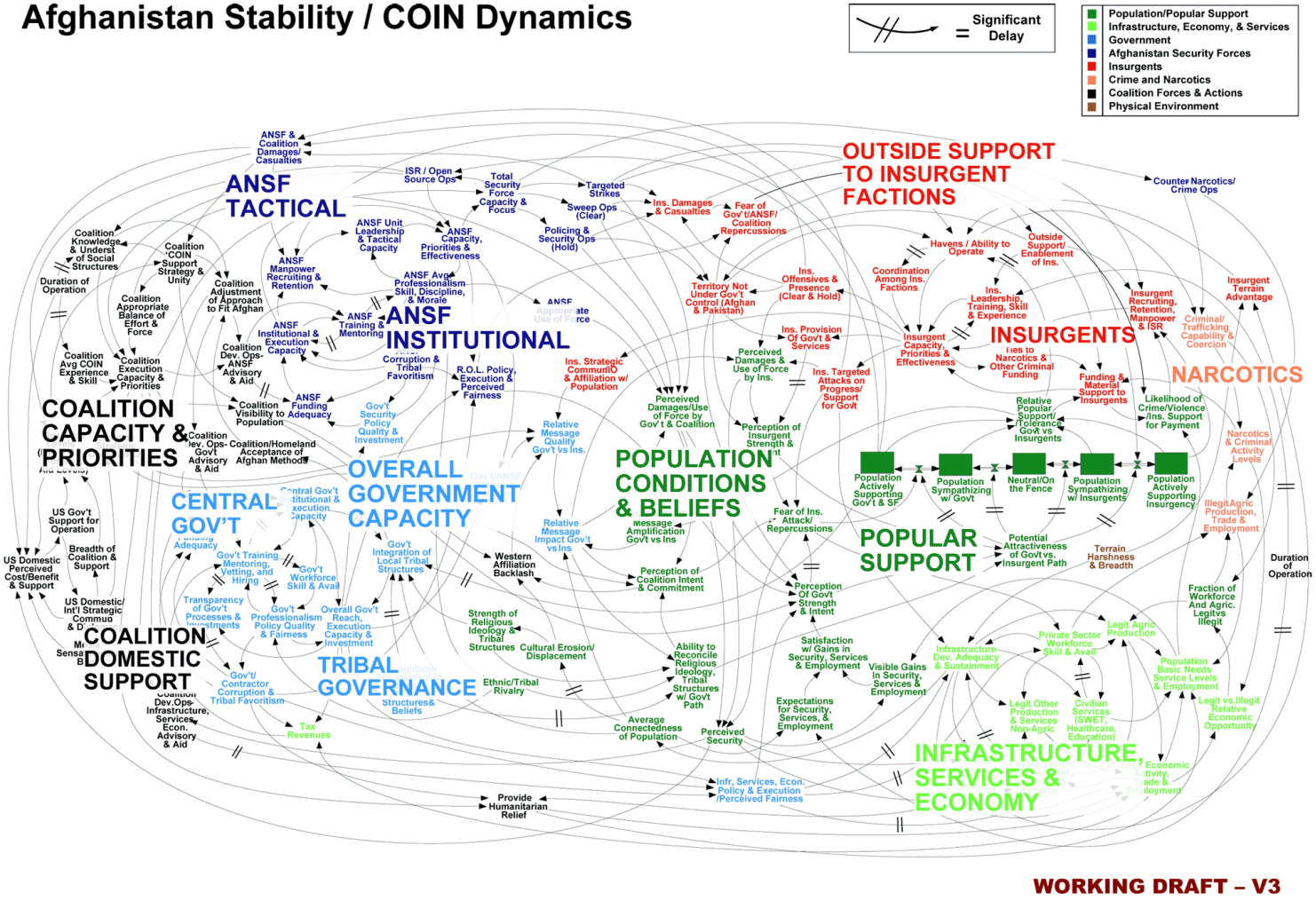
Tech Directors

Librarians

Leaders

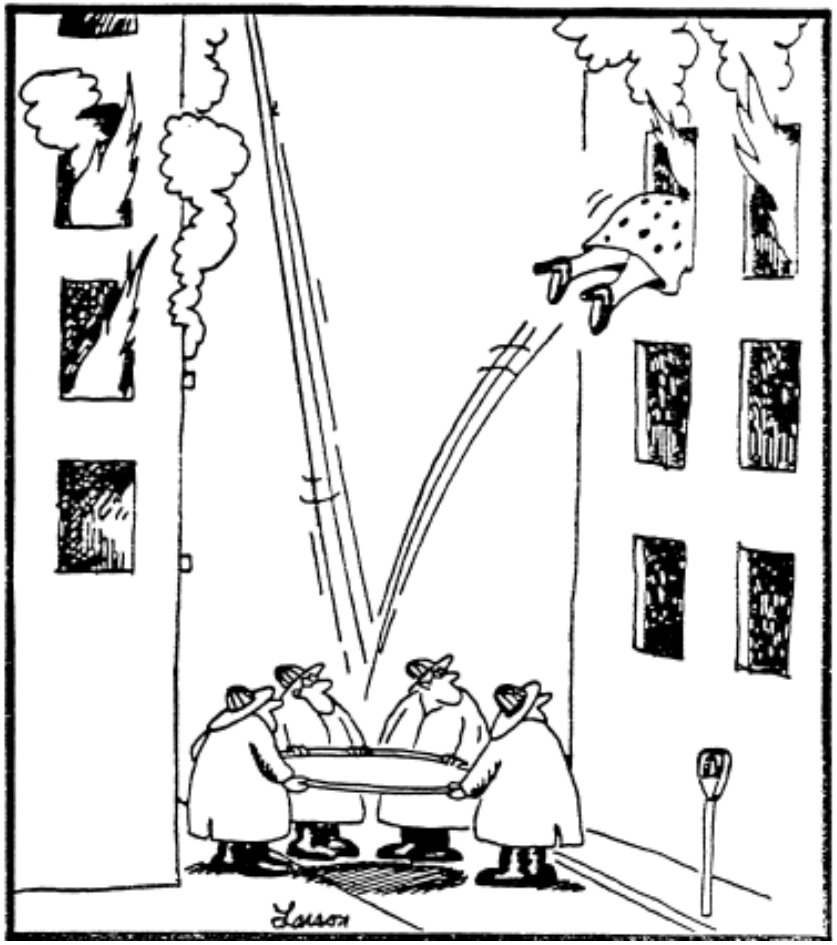
What does it mean for sustainability?

Simplicity is often just on the other side of complexity



PA Consulting Group
© PA Knowledge Limited 2009

Eric Berlow



Artist:
Gary Larson

NATURE
Environment, resources, ecosystems, climate

cut down the trees/forest, destroyed animals habitats. HDB won't be environmentally friendly.
likely

Biodiversity hurt

• Animal impacts

concrete will heat the ground

WELL-BEING
Individual health, families, self-development, quality of life

Well being of workers, is unsafe and not equal human rights of people, providing homes and resources. What about the well being of expats, if HDB's take up a lot of space then the expats won't have space.

Diseases?
Accidents?

Animals are away from their habitat, culture problems

their families will face problems

ECONOMY
Production, consumption, employment, investment

Grave job opportunities, but with human rights and problems unsafe work. Have schools, more job opportunities

• Government needs to provide/pay for resources to build HDBs.

the if workers don't get jobs

* The government might need space for the animals?

impact the ppl

expats would not move in...

It helps the society, and people that need a house, at a lower price. Provides more resources for people. Society gets educated, creating a community. Only affect PR's, foreigners are excluded

SOCIETY
Government. culture. instituitions. social concerns

Questions

1) Does having a job out weigh the human rights being violated?

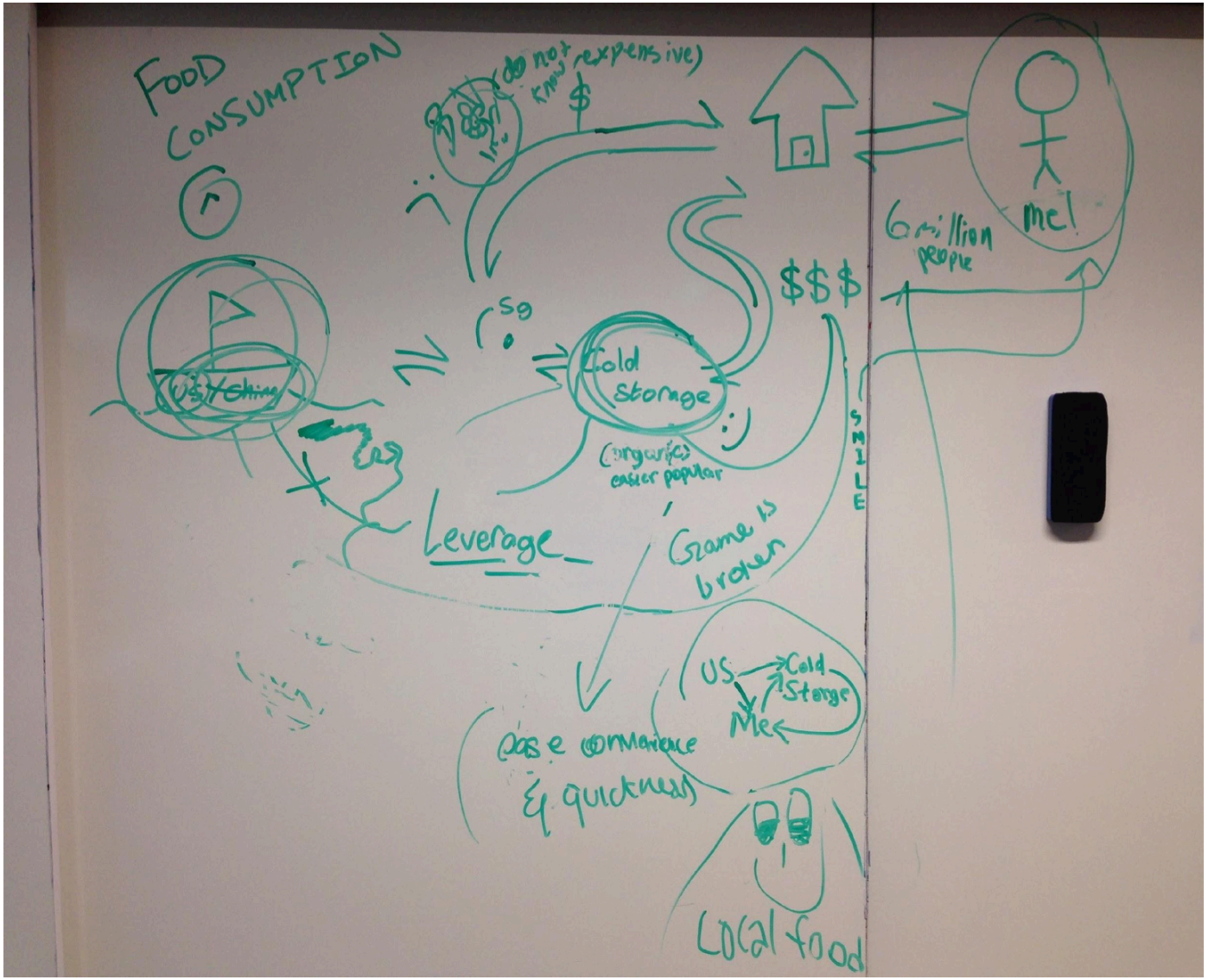
2) Education/Housing vs the environment - which holds more importance?

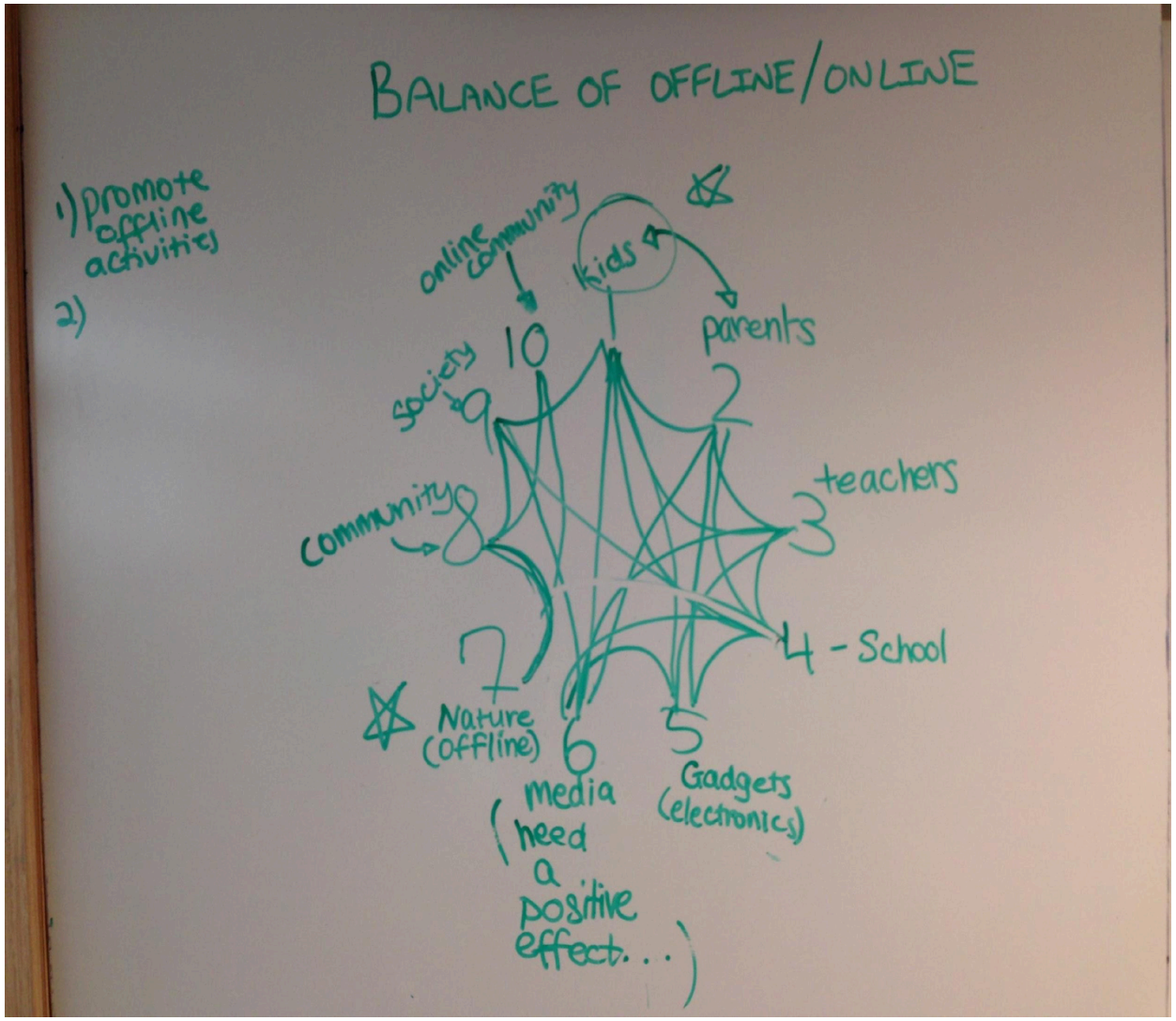
3) How does building HDBs affect the expats?

4) And if the HDB is only for PR's, a certain community, then is it better than normal conclos?

5) Where do the animals go?

6) For our own goals, how will we connect absolutely different ideas?


FOOD CONSUMPTION
(do not know expensive)
$
$$$
6 million people
me!
US/China
Cold storage
(organics) easier popular
SMILE
Leverage
Game is broken
US
Cold Storge
Me
case convenience & quickness
Local food


BALANCE OF OFFLINE/ONLINE
1) promote offline activities
2)
online community
kids
parents
society
10
9
2
community
8
teachers
3
7
4 - School
Nature (offline)
6
5
Gadgets (electronics)
media
(need a positive effect...)

Climate Change Effects on Human Health

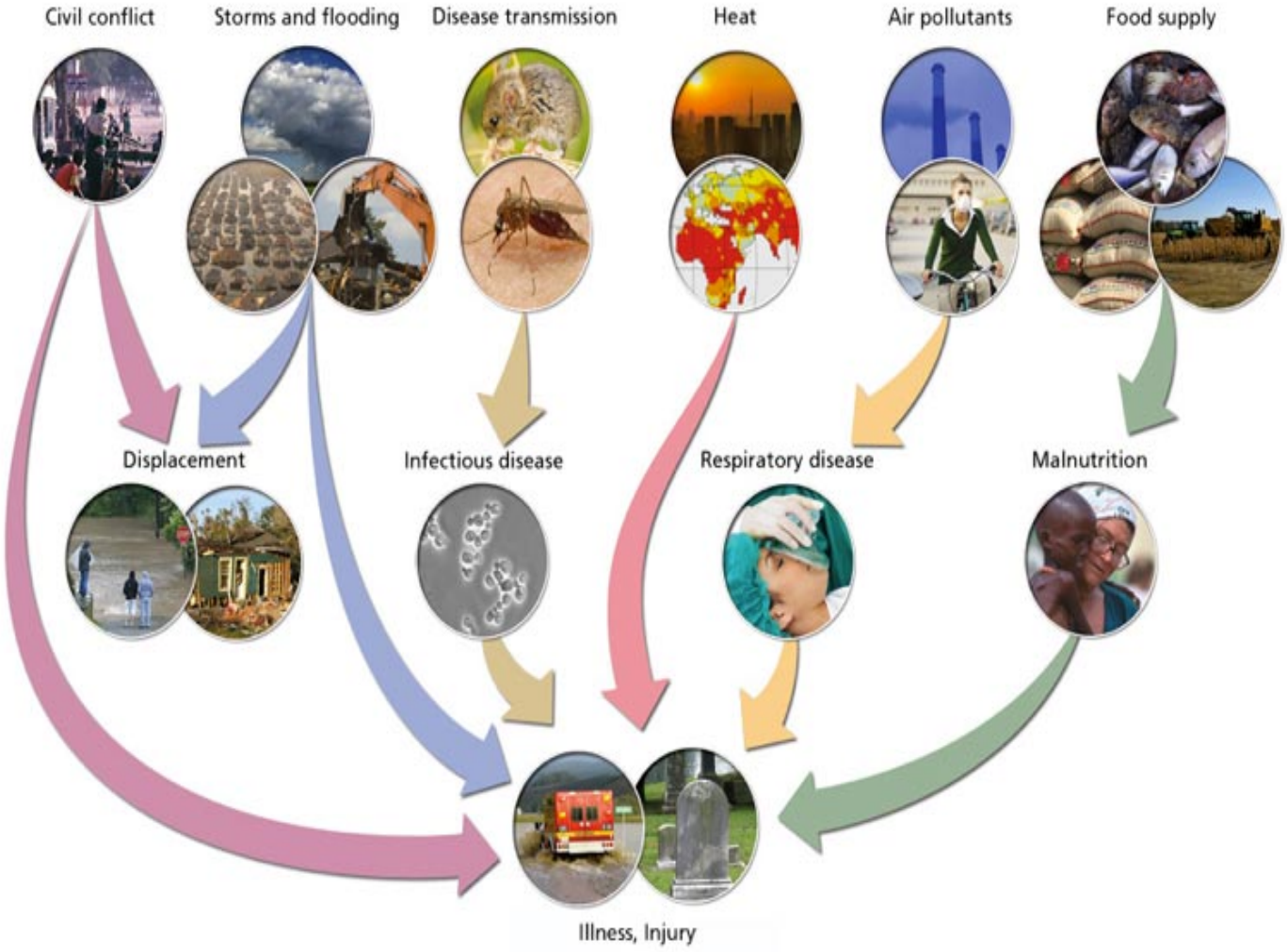
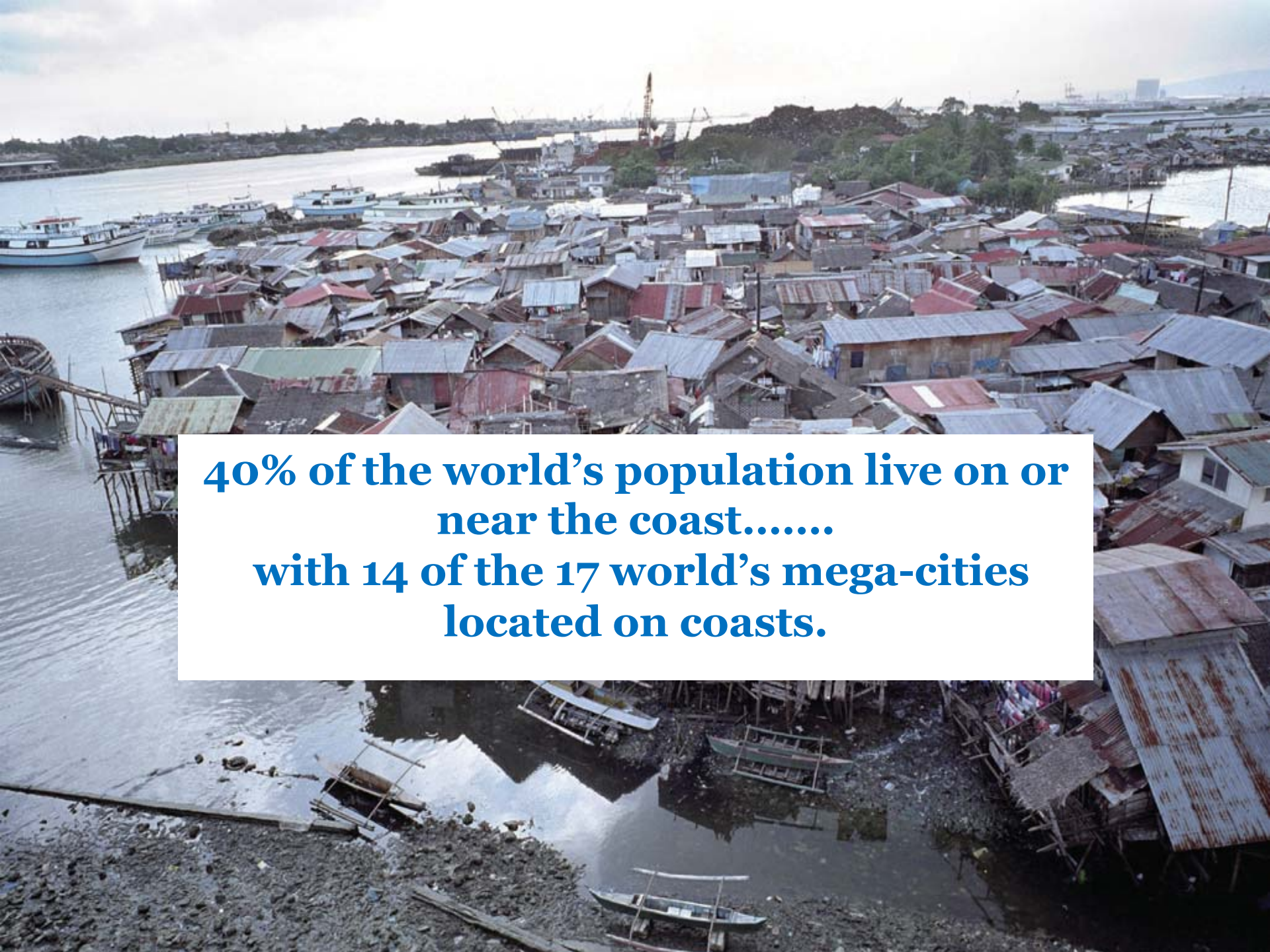
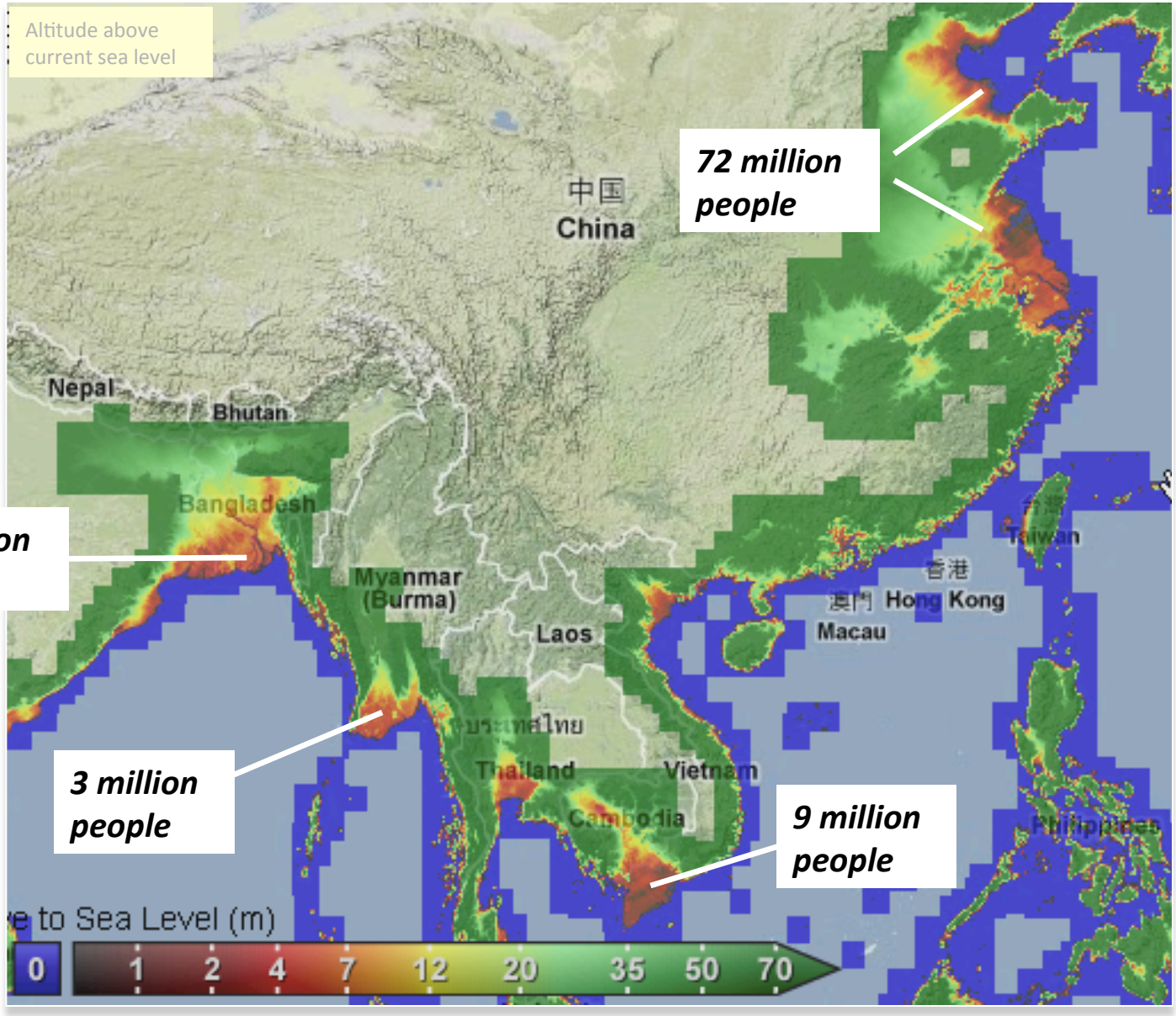


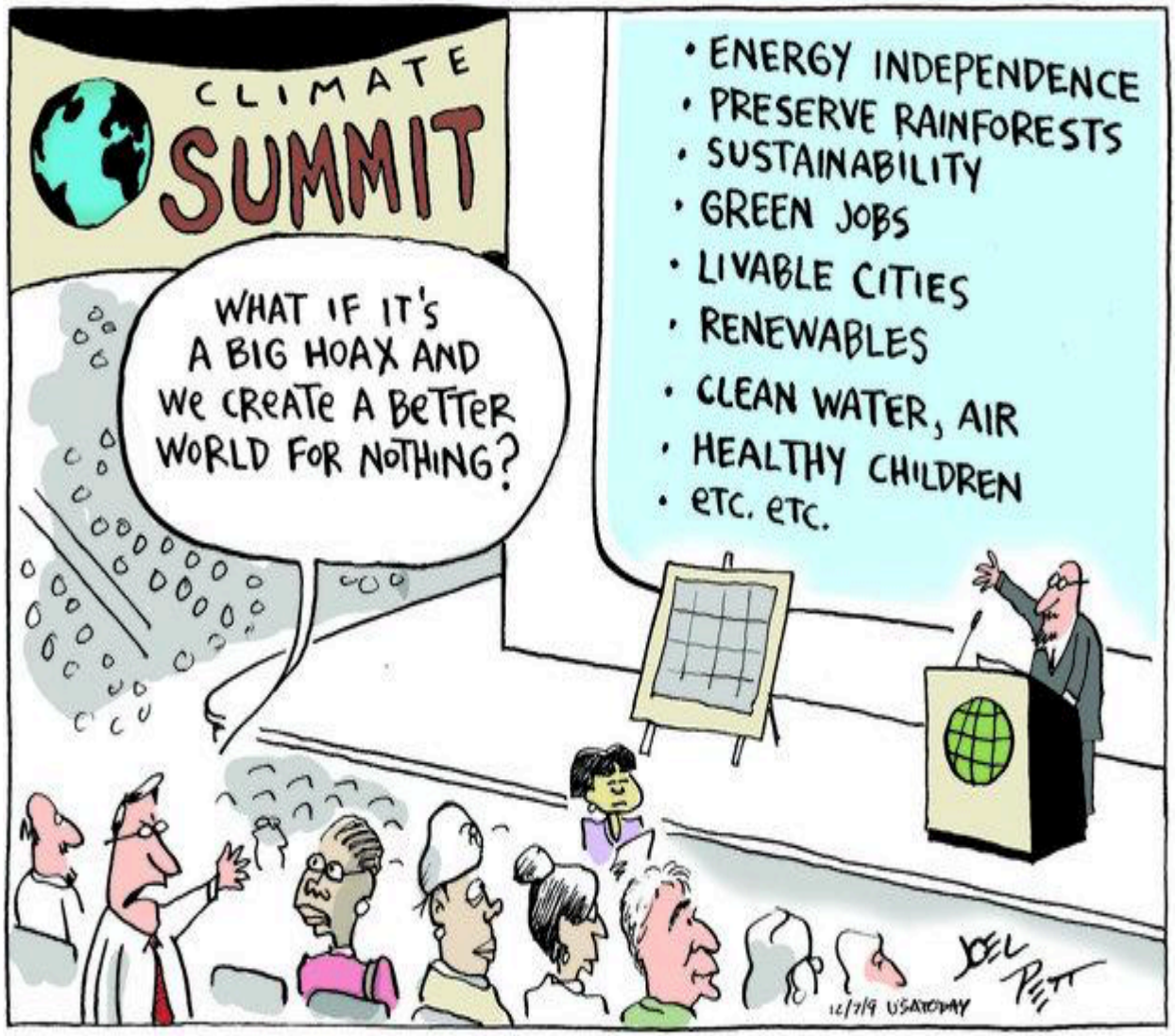
Image by ClimateCommunication.org adapted from Boroswki



40% of the world's population live on or near the coast…….
with 14 of the 17 world's mega-cities located on coasts.

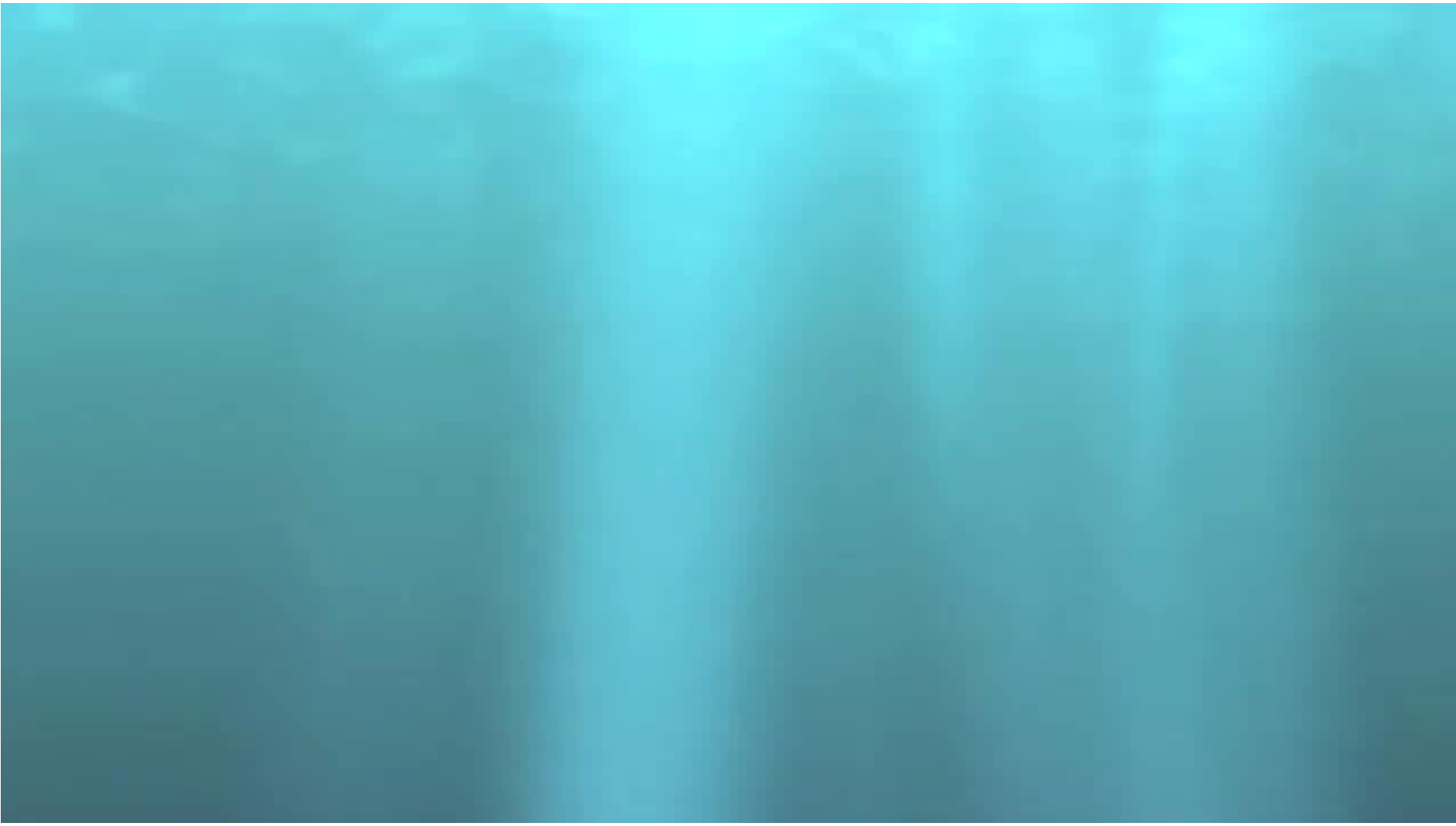
The impact of a one metre sea-level rise – displaced people in Asia




CLIMATE
SUMMIT
WHAT IF IT'S A BIG HOAX AND WE CREATE A BETTER WORLD FOR NOTHING?
• ENERGY INDEPENDENCE
• PRESERVE RAINFORESTS
• SUSTAINABILITY
• GREEN JOBS
• LIVABLE CITIES
• RENEWABLES
• CLEAN WATER, AIR
• HEALTHY CHILDREN
• ETC. ETC.
12/7/19 USATODAY

PHILIPS

sense and simplicity



TRANSFORM LEARNING *with* 3D VISION

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Compass Education

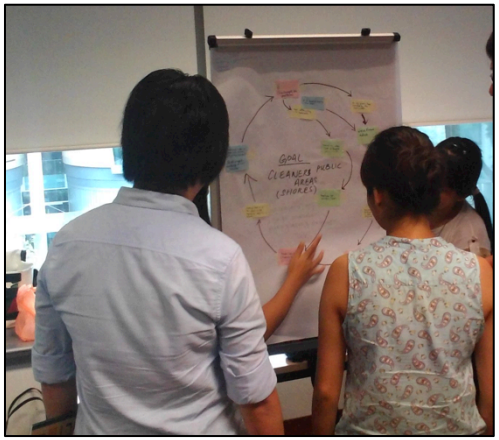
Compass Education equips schools, as learning communities, to educate and act for a sustainable future

- **Knowledge** based in sound sustainability research
- **Systems Thinking Skills**
- **Tools** to do this thinking and action
- **Evidence-based methods** that have been proven effective for schools in actualizing their mission statements

We work with students
We work with teachers
We work with leaders

Online
In Person

It's all connected!



DREAM – DESIGN – DELIVER

N
NATURE
ECONOMY
E
SOCIETY
S
WELLBEING
W