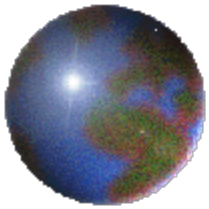
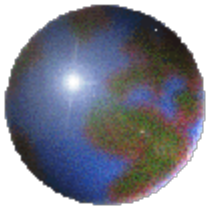


Sustainability-Peace Nexus: Refugees and Migration

Bernard Amadei
Dept. of Civil Engineering
University of Colorado, Boulder, USA

October 6, 2020

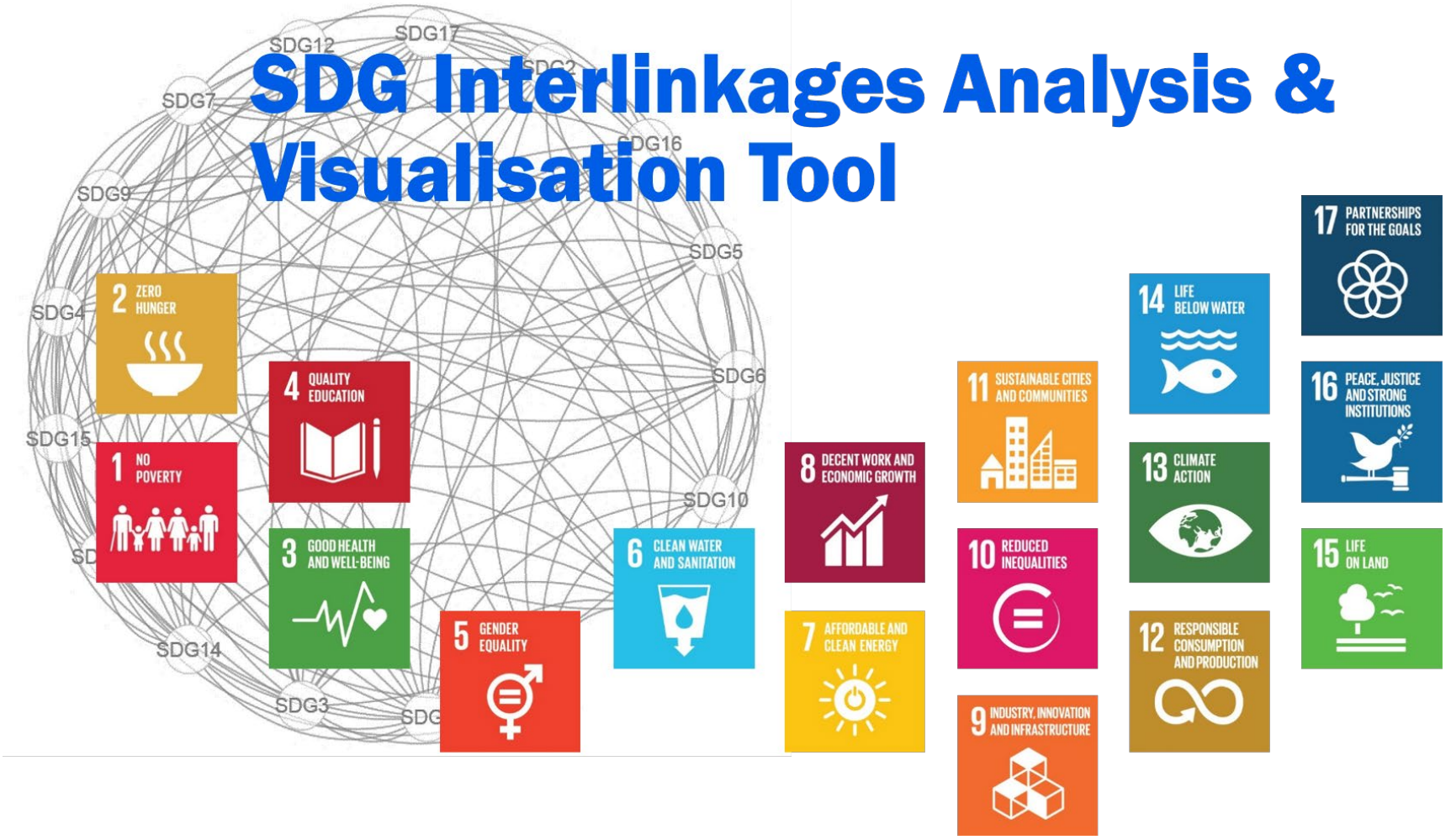


"A world divided by wealth and poverty, health and sickness, food and hunger, cannot long remain a stable [and peaceful] place for civilization to thrive."

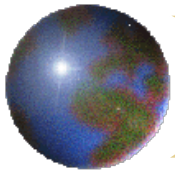
(NAE 2018).

Challenges: Climate change, population growth; urbanization, WEF and shelter security, natural resources management, disaster risk and emergencies management, pandemic, etc.

SDG Interlinkages Analysis & Visualisation Tool



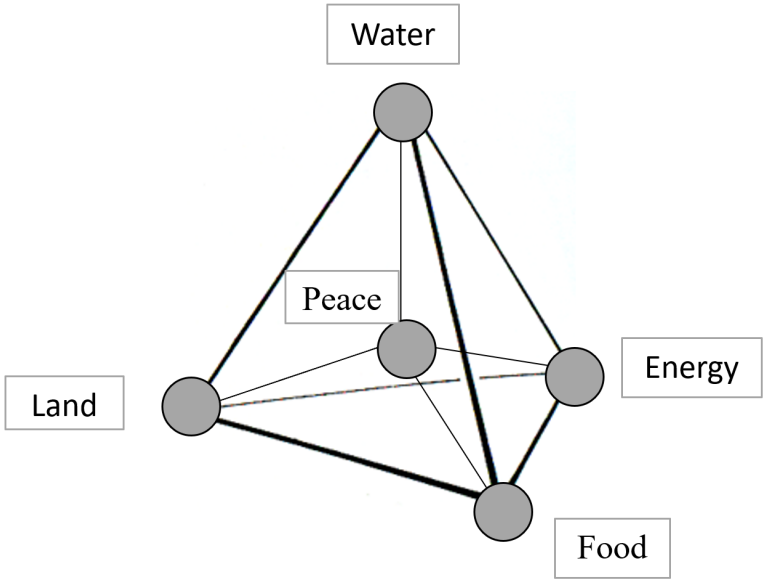
https://sdginterlinkages.iges.jp/

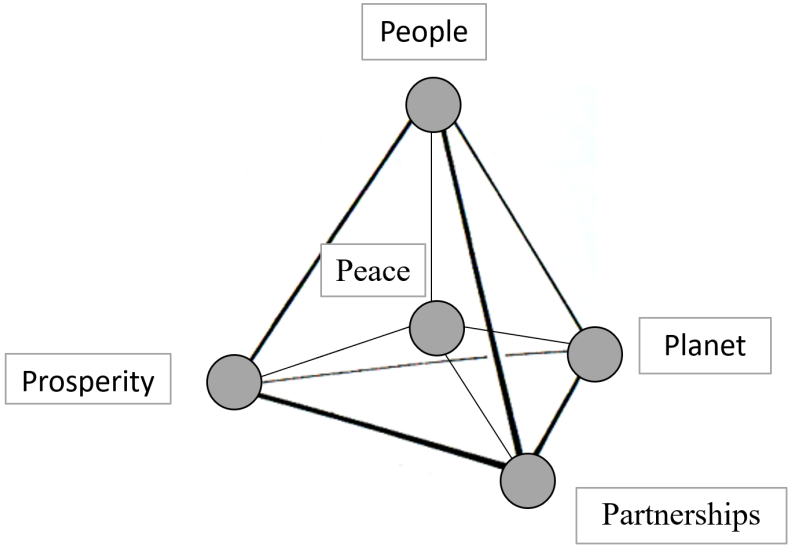


Common Characteristics

- Sustainability and peace should not be addressed in isolation but rather in an integrated manner.
- Are emerging states in complex landscapes consisting of multiple interdependent and interconnected systems, adaptive actors, with enabling and constraining factors and barriers.
- Multiple coherent dynamic states of peace and sustainability are possible for a given landscape. But what works at one scale (physical and temporal) may not necessarily work at another.
- SMART indicators and proxies are needed to monitor and evaluate peace, sustainability, and their nexus over time.

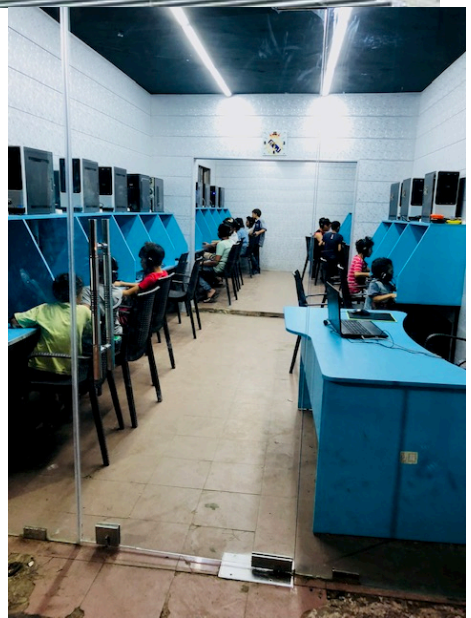
Integrated Approach





Displaced Populations Context

IN
STYLE



- 650 M with disabilities in the world
- 520 M in developing world
- 200 M are children

4,000-20,000 amputees in Haiti

Humanitarian-Development-Peace Nexus

- Joint effort between UN and WB
- Emerged from the 2016 World Humanitarian Summit (Istanbul)
- Humanitarian aid and development efforts "coherence" to address conflict dynamics
- Referred to as "New Way of Working"

Specific Context, Scale, Boundary

Governments

Top-Down

Outsiders:
NGOs, INGOs, Private and Public sectors

Humanitarian & Development Coherence

Displaced Populations

Bottom-Up

Host Community

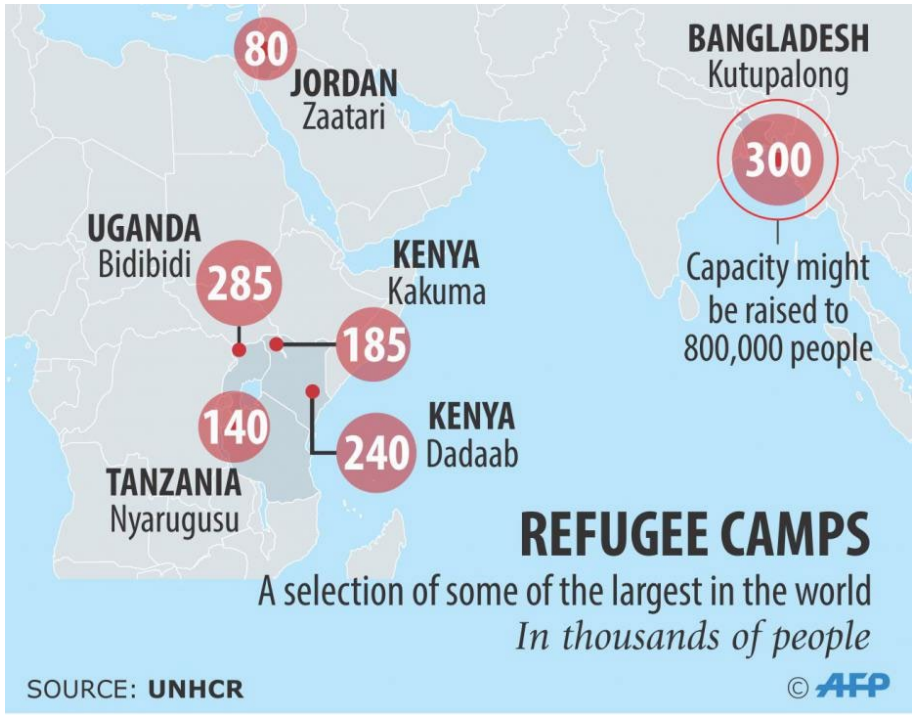
Concluding Remarks

Address simultaneously short-term improvements to the current situation and long-term sustainability planning along five tracks:

- *Repair* what is currently most damaged
- *Rethink* change without going back to how things were, i.e., without rebuilding vulnerability
- *Reconfigure* change so that it cannot happen
- *Restart* change with a new mindset
- *Report* how change progresses with the ability for course correction

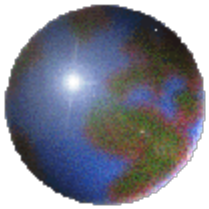
Adapted from Moritz. "To reinvent the future, we must all work together" (World Economic Forum, 2020)

Humanitarian-Development Coherence



- The why, what, who, where, when, and how of coherence?
- Integrated approach?
- Case studies and database development?
- Core guidelines?
- Indicators and methods of measurement?

How can *all* humans have fulfilling lives, meet their basic needs, and live with dignity and at peace?

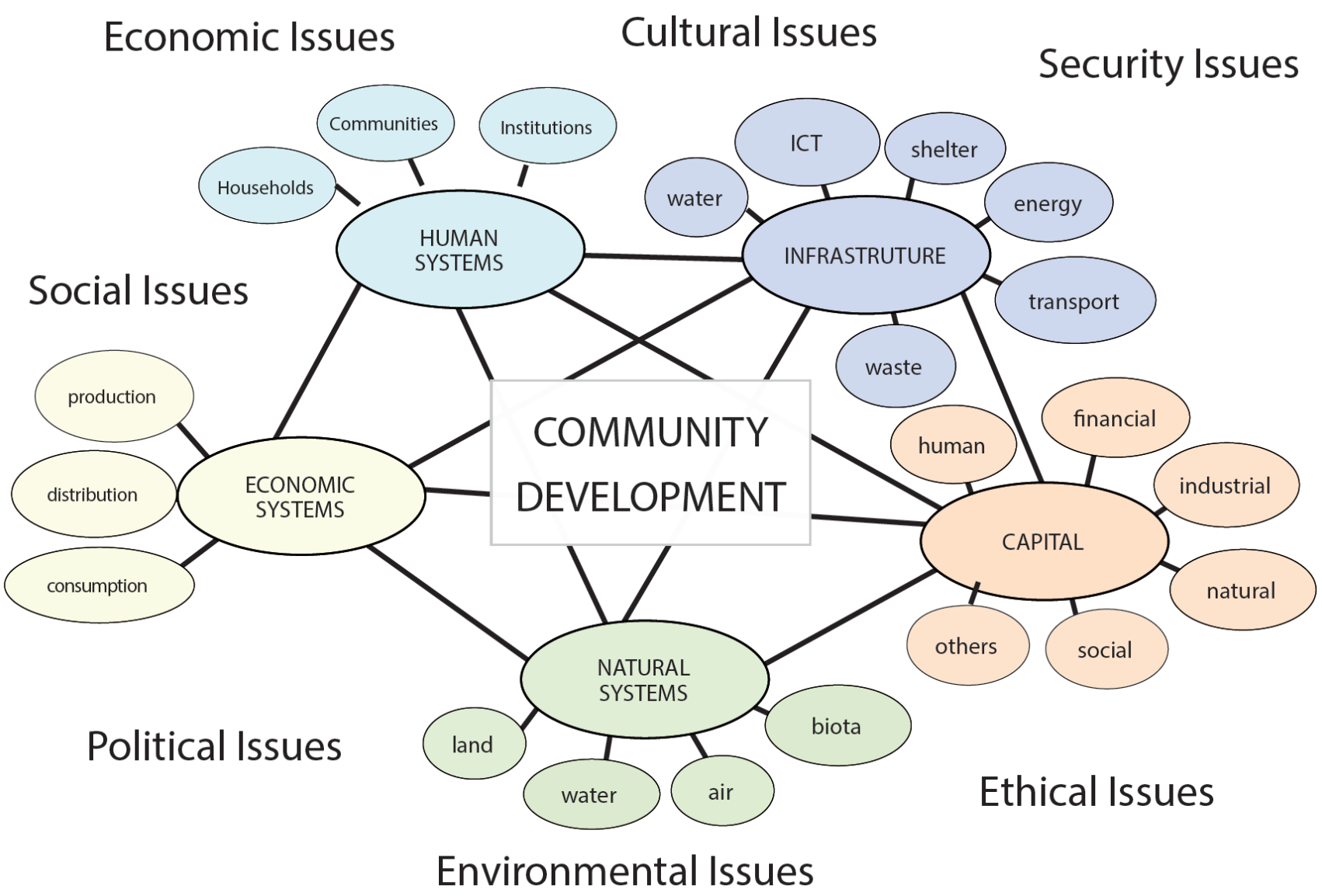


"The painful truth is that the present is a relatively comfortable place for those who have reached positions of mainstream political or business leadership. This is the crux of the problem of **sustainable development**, and perhaps the main reason why there has been great acceptance of it in principle, but less concrete actions to put it into practice: many of those with the power to effect the necessary changes have the least motivation to alter the status quo that gave them the power."

Schmidheiny (1992)

Peace Engineering

- "The proactive use of engineering skills to promote a peaceful and just existence for all." (A. Vesilin, 2006)
- "The application of science and engineering principles to promote and support peace" (IFEES, 2018)


Economic Issues
Cultural Issues
Security Issues
Social Issues
Political Issues
Ethical Issues
Environmental Issues
COMMUNITY DEVELOPMENT
HUMAN SYSTEMS
Communities
Institutions
Households
INFRASTRUTURE
ICT
shelter
water
energy
transport
waste
ECONOMIC SYSTEMS
production
distribution
consumption
CAPITAL
financial
human
industrial
natural
social
others
NATURAL SYSTEMS
land
water
air
biota