

# Roundtable on Sustainability & Financial Regulation by Weltethos FG & Club of Rome

Dr Ndidi Nnoli-Edozien

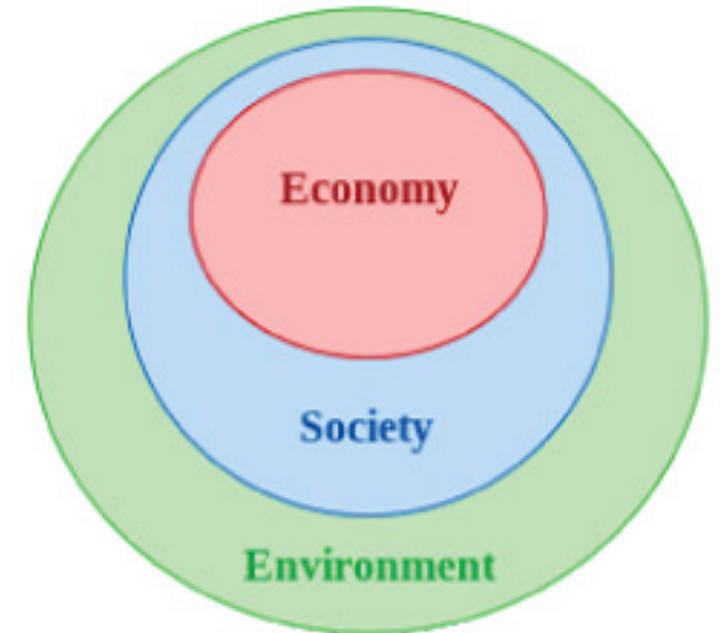
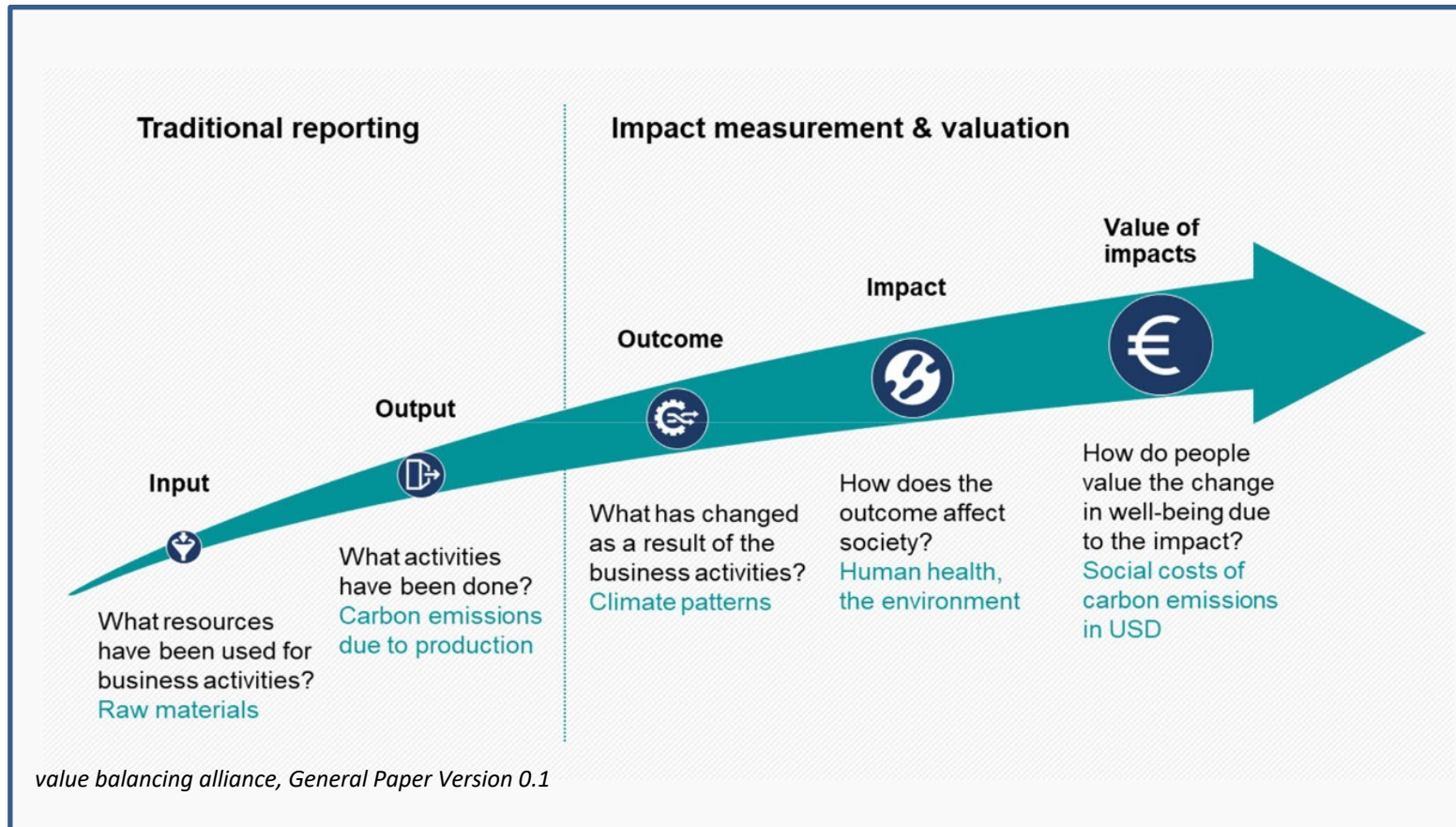
24<sup>th</sup> February 2022

[www.afrikairos.com](http://www.afrikairos.com)



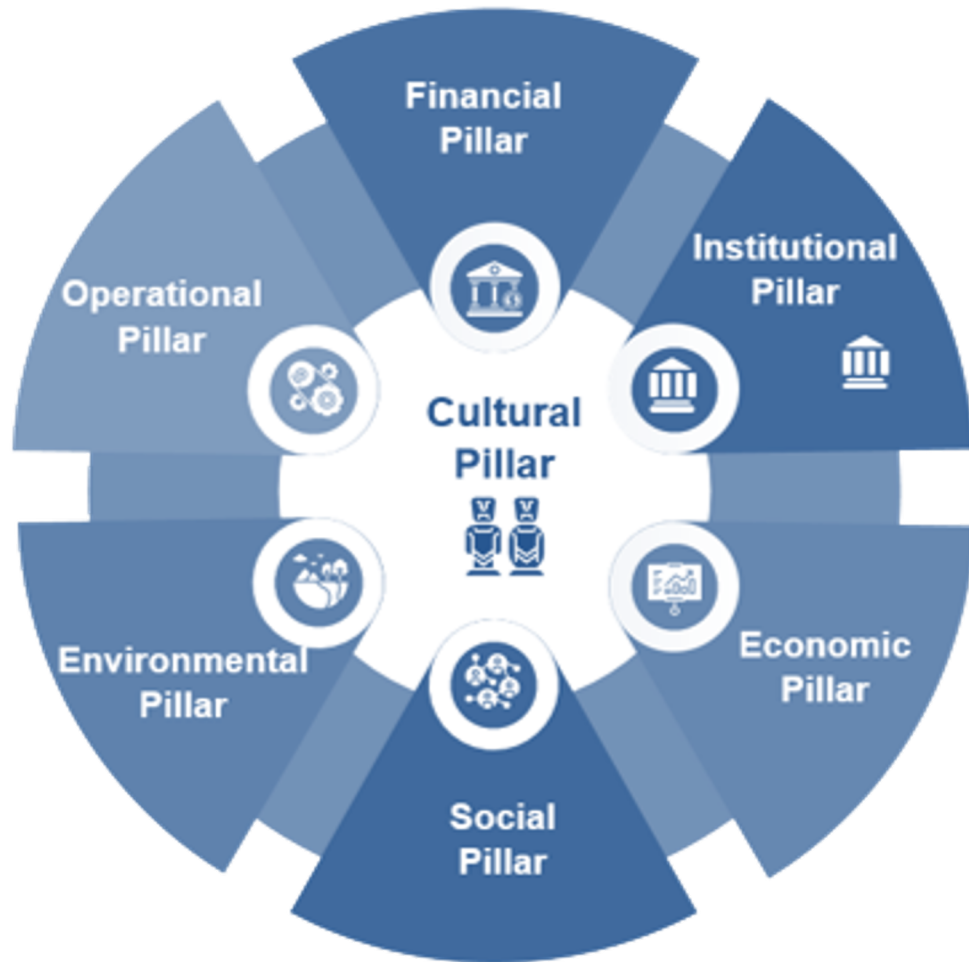


# How we frame (see) sustainability (ESG) really matters...



A diagram indicating the relationship between the “three pillars of sustainability”, in which both economy and society are constrained by environmental limits.

# The SevenPillars Framework & **seeing** holistically



Sustainability, especially for us as Africans, requires leaning on indigenous wisdom passed down from past generations, to manage the present and safeguard the future.

This means developing a sustainability consciousness at the highest level of governance, proactively managing ESG RISKS at every level of business operations and also considering evolving regulations and laws.

The SevenPillars Framework builds on the 30 year Frankfurt Hohenheimer Leitfaden research - methodology behind ISS ESG Ratings - and **advocates for the inclusion of all business functions, and the development of a sustainability culture that makes everyone an accountable stakeholder, on the shared corporate sustainability journey, driven by PEOPLE... with CULTURE at the core of both frameworks.**

# Technology, Data, Culture, People & Values

## External data

Social media

Weather APIs

Credit ratings

## Internal data

IoT devices (electricity, water, carbon meters, etc.)

Mobile devices (photos, videos, etc.)

Back office integrations

Image/video recognition

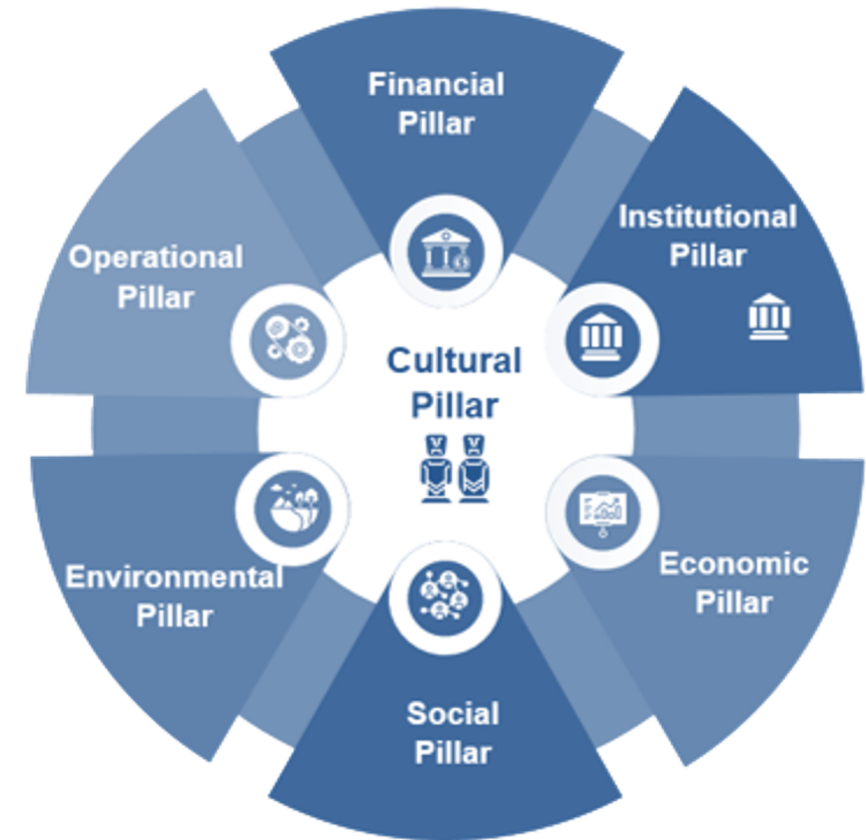


Cold data

Data Intelligence

Warm data\*

\*Nora Bateson/  
Club of Rome





# Technology, Culture, Financial Regulations are evolving



Cellphone (mobile)



Traditional phone



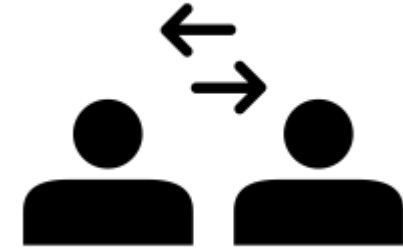
Mobile + Digital  
( branchless Banking)



Magnetic stripe card



Physical Bank branches



Peer -2- Peer financing  
On blockchains



Traditional finance

Bank-2- Peer financing

# The ToroNet Project: what we are (not):

TòròNet differentiates itself from cryptocurrencies because it is designed to solve real world problems sustainably

## What we are about

- 1 **Communities:** closing trust gaps and removing barriers created by distance, language, culture, access
- 2 **Value & Values:** within distributed communities the accounting for goods & services is a game-changer
- 3 **Impact :** by providing a means for earning payments & rewards & exchange within the community

## What we are NOT about

- 1 Cryptocurrency trading or ICO's
- 2 Promoter of [highly] speculative assets; meme tokens (or an open-Ponzi, get-rich-quick scheme).
- 3 Elitist focus;  
Channelling other people's money to the 1%.



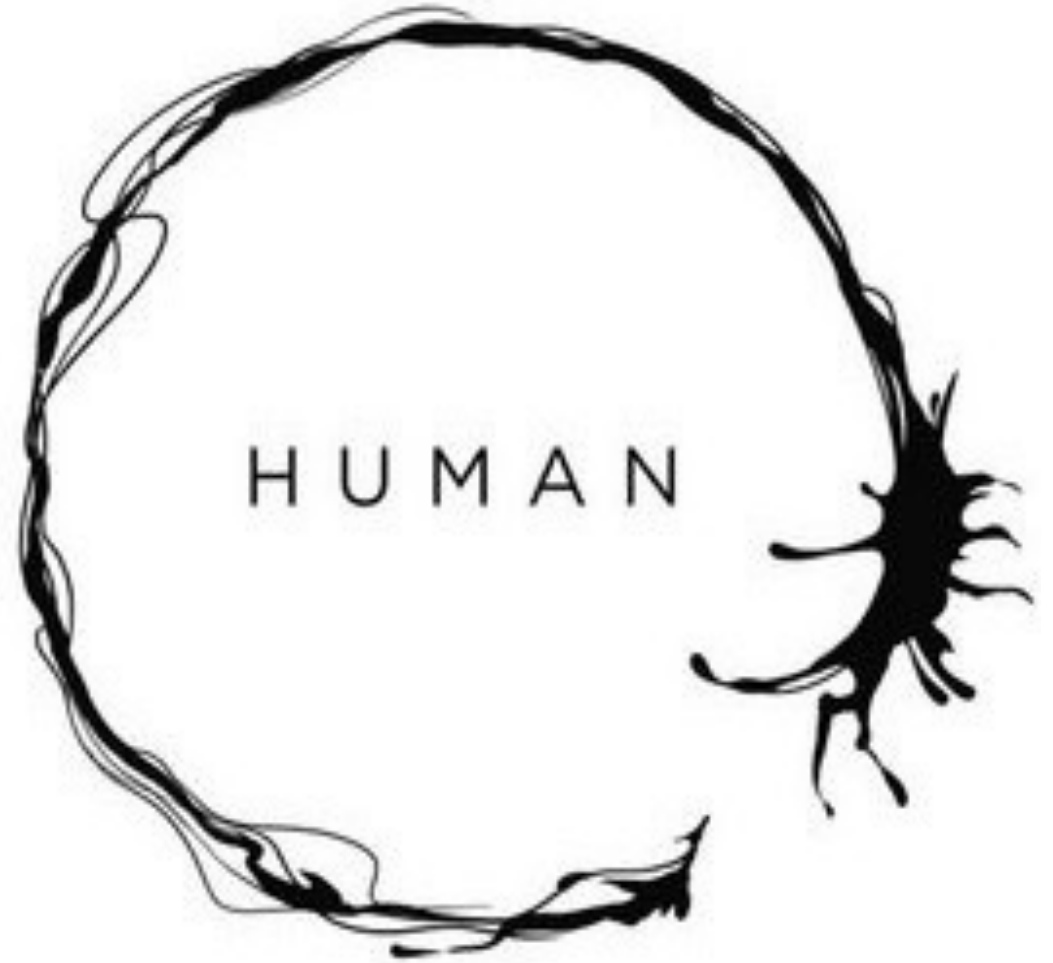
	<div>Environment</div> <div>Plastics use case</div>	<div>Capital</div>	<div>Shelter</div>
Opportunity	Nigeria generates 2,500k MT of plastic waste, equivalent to 10billion PET bottles - valued at \$250m at the point of exchange with a recycler if it could be efficiently collected and disposed.	Nigeria 12million+ SMEs and + 40m unemployed youths do not have easy access to capital. MFBs & fintechs who are trying to solve this problem do not have access to the capital which is estimated to be around \$120b.	Nigeria has a housing deficit of 16 - 18m homes*. Main barrier is access to finance and extremely illiquid housing markets. Gap is estimated to be a \$1trillion segment.  *UNHabitat Country Program Document 2017-21
Solution Mechanism	Dematerialize (1) upstream demand for recycled PET & processed waste-plastic , and (2) downstream supply of plastics from aggregators , collectors , disposers into exchange tradeable fungible tokens. We are going to use the maths of options trading for the modelling	Dematerialize (1) upstream international demand for higher investment yields form retail investors (2) downstream demand for loans by small businesses & (3 ) liquidity demands by lending institution into exchange tradeable fungible tokens. We are going to use the maths of options trading for the modelling	Dematerialize (1) upstream housing stock + development investment (2) downstream demand for housing by prospective owners & (3 ) liquidity demands by developers into exchange tradeable fungible tokens. We are going to use the maths of options trading for the modelling
Customer typology	Disposers – Domestic Staff/Households Aggregators – Small/ mid sized Businesses Recyclers & Offtakers – Medium – Large businesses FMCGs – Large businesses	International retail investors – families National financial institutions Small businesses	Retail – home users and owners Institutional – developers & financial institutions
Product	PlasTokens	LoanTokens	PropTokens
Partners	ECI-GBF/The Coca Cola Foundation/ Coca Cola Toronet blockchain	Afrikairos, Boost Technology, FMDQ, Toronet blockchain	Blocks Toronet blockchain
Monetization model	Exchange level transactions Real world transactions	Exchange level transactions Real world transactions	Exchange level transactions Real world transactions

# We are rethinking financial and economic systems...





What is most essential is that we reframe the way our minds ‘see’ the problem.



From: Mamphela Ramphele, Mark Swilling, Rika Preiser, Ndidi Nnoli-Edozien et al. 2020. Towards new narratives of hope for fostering transformative African futures. African Chapter of the Club of Rome Perspective Paper.



Dr Ndidi Nnoli-Edozien, Chair  
+2348099131313

AfriKairos GmbH  
[www.afrikairos.com](http://www.afrikairos.com)  
[info@afrikairos.com](mailto:info@afrikairos.com)

