

UN-SDG-18

Ideas for the 18th SDG Pitch

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The 18th SDG

A quick online search reveals that the '18th SDG' has a number of contending ideas seeking to achieve the recognition. Below is a selection of links referencing an 18th SDG.

Animal health, welfare and rights

“This article makes the case for an 18th Sustainable Development Goal (SDG) on animal health, welfare and rights. We have neglected animal considerations in our discussions on sustainable development - including on the SDGs on food, water, sustainable consumption and production, conservation, and climate change.”



Lives safe from Unexploded Ordnance

“SDG 18 entitled ‘Lives safe from Unexploded Ordnance (UXO)’, was developed to address the war legacy of more than 80 million cluster submunitions remaining unexploded scattered across the country from the Second Indochina War (1964-1973).”



Space Economy

“The 18th Sustainable Development Goal: Recognizing the imperative Role of Space in our Future.”



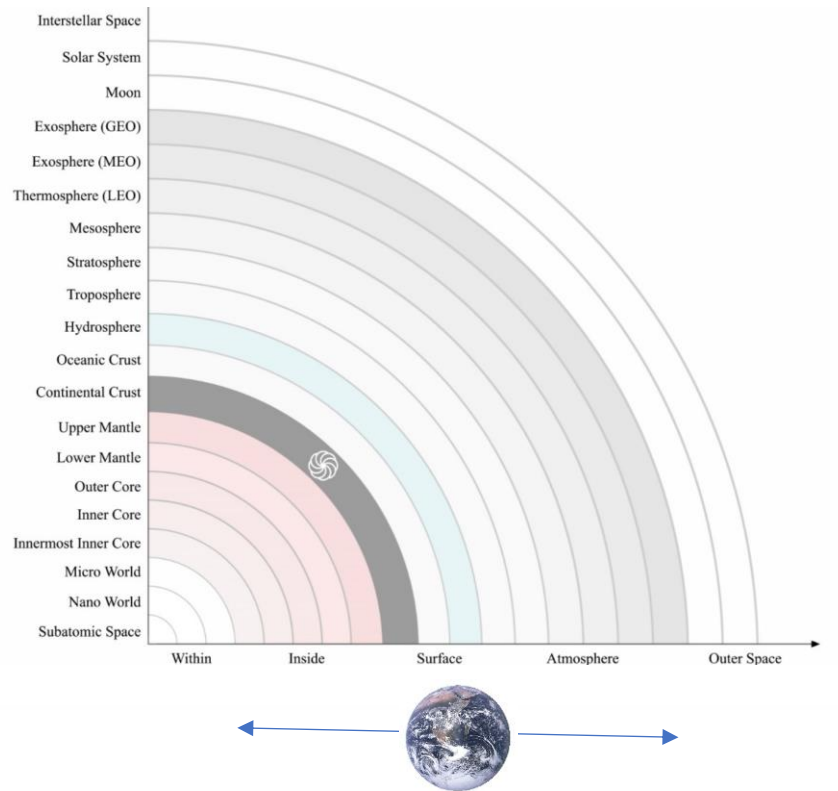
Space for All, on Earth and Beyond

‘An 18th SDG: Space for All – Civilian Space Development and Life beyond Earth’. “We believe the only sustainable development, for 8 billion terrestrials, is in outer space, beyond Earth’s atmosphere – and we will need to launch civilian space development, before 2030.”



A closer look reveals a unifying theme: **Respect, Nurture, and Explore Space.** Where Space is our physical context stretching from subatomic to interstellar space and every layer in between and beyond.

Space Layers
 Source: *The Space Value of Money*
 (2022)



Respect, Nurture, and Explore Space



SDG18 Logo
 The visual image of the goal is an interim message/design and an invitation to co-create the final logo upon adoption.

Respect, nurture and explore space:

Respect all life forms, nurture, and explore our reach across all layers of space, from subatomic to interstellar space and every layer in between and beyond.

Design and optimise positive impact on space across all human creative activities.

The 18th SDG: Respect, Nurture, and Explore Space

The 18th SDG is about conceptualising an effective goal. Our footprint in space - from subatomic to interstellar space and every layer in between and beyond – is ours to design, create, improve, and expand.

The carbon in our air, the plastic in our oceans, the sewage in our rivers, the radioactive waste on land and at sea, the chemical landfills, and the debris in orbit, they are all evidence of the necessity to reinvent human productivity in order to secure both its sustainability as well as continuous expansion across time and space.

The 18th SDG recognises the vast and diverse spatial context we occupy - from subatomic to interstellar space and every layer in between and beyond - and establishes the necessity to respect, nurture, and explore our own evolutionary continuity in space, across its many layers. It also establishes the necessity to respect and nurture and explore all other life forms we encounter on our journey in space.

Respect, Nurture, and Explore Space.

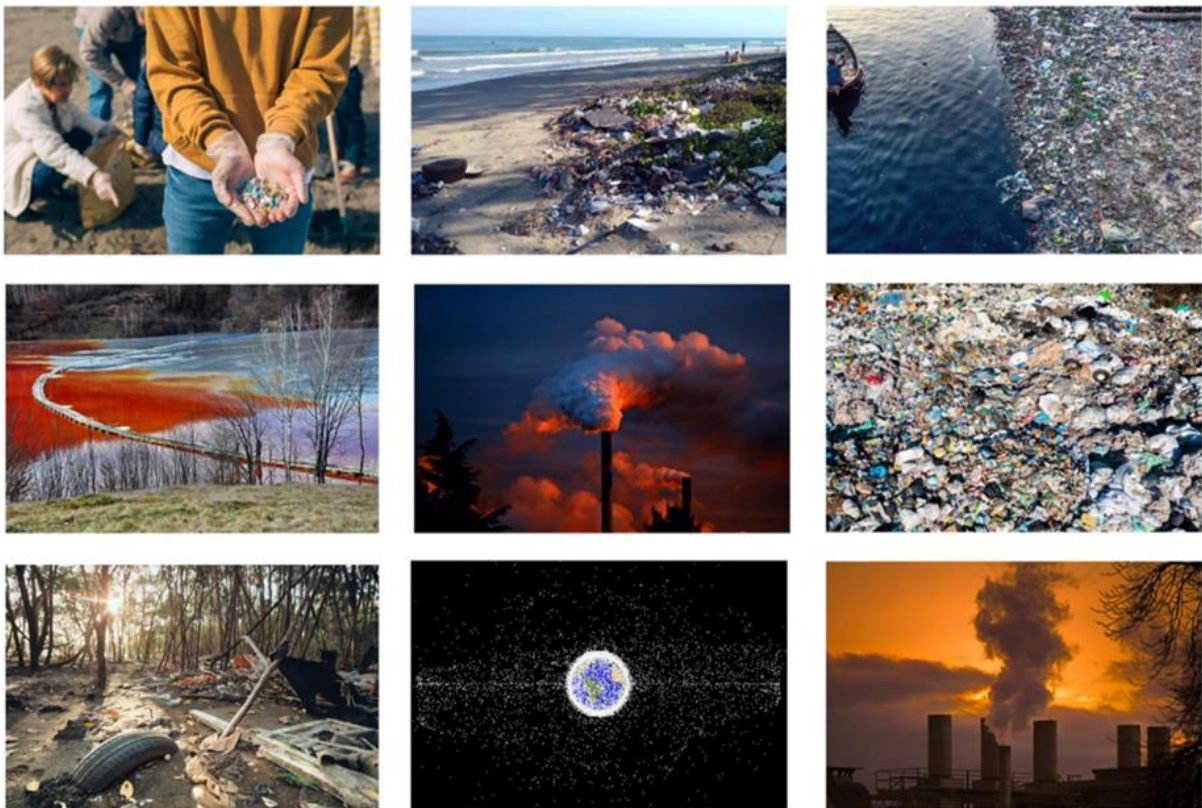




Image Credit NASA, Voyager 1, 1990, Pale Blue Dot (Sagan, 1994)

Look again at that dot. That's here. That's home. That's us. On it everyone you love, everyone you know, everyone you ever heard of, every human being who ever was, lived out their lives. The aggregate of our joy and suffering, thousands of confident religions, ideologies, and economic doctrines, every hunter and forager, every hero and coward, every creator and destroyer of civilization, every king and peasant, every young couple in love, every mother and father, hopeful child, inventor and explorer, every teacher of morals, every corrupt politician, every 'superstar', every 'supreme leader', every saint and sinner in the history of our species lived there—on a mote of dust suspended in a sunbeam.

The Earth is a very small stage in a vast cosmic arena. Think of the rivers of blood spilled by all those generals and emperors so that, in glory and triumph, they could become the momentary masters of a fraction of a dot. Think of the endless cruelties visited by the inhabitants of one corner of this pixel on the scarcely distinguishable inhabitants of some other corner, how frequent their misunderstandings, how eager they are to kill one another, how fervent their hatreds.

Our posturings, our imagined self-importance, the delusion that we have some privileged position in the Universe, are challenged by this point of pale light. Our planet is a lonely speck in the great enveloping cosmic dark. In our obscurity, in all this vastness, there is no hint that help will come from elsewhere to save us from ourselves.

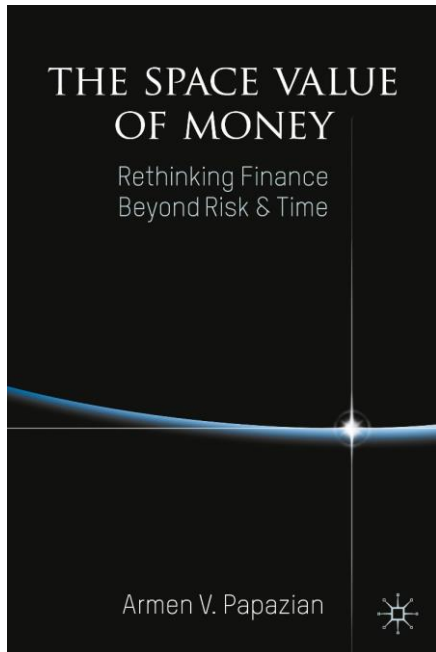
The Earth is the only world known so far to harbor life. There is nowhere else, at least in the near future, to which our species could migrate. Visit, yes. Settle, not yet. Like it or not, for the moment the Earth is where we make our stand.

It has been said that astronomy is a humbling and character-building experience. There is perhaps no better demonstration of the folly of human conceits than this distant image of our tiny world. To me, it underscores our responsibility to deal more kindly with one another, and to preserve and cherish the pale blue dot, the only home we've ever known.

Carl Sagan, Pale Blue Dot, 1994

The Space Value of Money (2022)

Space, our physical context stretching from subatomic space to interstellar space and every layer in between and beyond, is absent from the analytical framework of finance theory and mathematics. Our equations of value and return are built around Risk and Time and have no contextual parameters. A reality that in many ways explains our current predicament.



The [book](#) introduces the analytical dimension of space, representing our physical context, into our financial value framework and establishes a new value principle, the space value of money principle, which defines our relationship with space - just like the existing two principles of finance (Risk and Return and Time Value of Money) define our relationship with Risk and Time. The space value of money states that: "a dollar invested in space must at the very least have a dollar's worth of positive impact on space." The principle introduces sustainability into the very logic of money and alters the equations that define its value accordingly. This, naturally, transforms the investment landscape but also our monetary architecture. In parallel to a detailed mathematics of impact, I also propose an alternative monetisation instrument (PCN: Public Capitalisation Notes) that can be used for money creation purposes to fund high space impact investments that can help us address our evolutionary challenges, like climate change (Climate PCN), and space exploration (NASA PCN).

Hardwiring Sustainability into Financial Mathematics
and Implications for Money Mechanics
[Springer Nature](#), European Central Banks Event, 2023

SPRINGER NATURE

The Space Value of Money:
Rethinking Finance Beyond Risk and Time
[Palgrave Macmillan](#), 2022

palgrave
macmillan

Future of Money Forum Intervention
[The Bank of England](#), 2018



The Space Value of Money
[Chartered Institute for Securities and Investment](#), 2017



The Space Value Foundation was officially launched on the 2nd of November 2022, during the official launch event of the Space Value of Money book at Keynes' Lecture Theatre, King's College Cambridge, in partnership with the Cambridge Judge Business School.



The Space Value Foundation is a not-for-profit organisation registered as a company limited by guarantee. It does not distribute profits and invests all its revenue into the mission – to transform our equations of monetary value and return, to advocate for a new space-adjusted financial mathematics of sustainability.



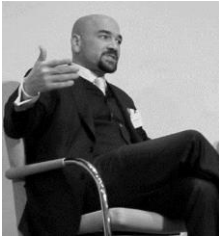
16 September 2022

A new book by Dr Armen Papazian, a PhD graduate of Cambridge Judge Business School, outlines a new financial modelling framework that integrates sustainability into the very core of finance.



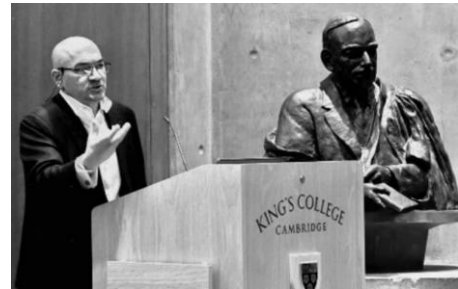
UNIVERSITY OF
CAMBRIDGE
Judge Business School

About the Author



Dr. Armen V. Papazian is a financial economist, author, consultant and innovator with a track record in global finance and more than 20 years' experience in sustainable finance, capital markets, and analytics. Armen is a Doctor of Financial Economics from Cambridge University and couples extensive advisory experience for financial institutions and markets with research into both the academic and practical aspects of sustainable finance challenges.

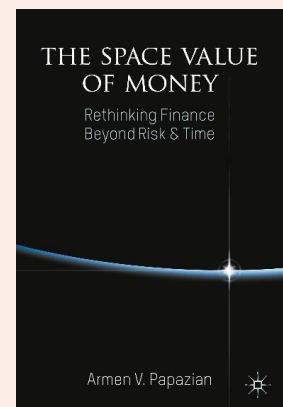
He is the author of 'The Space Value of Money: Rethinking Finance Beyond Risk and Time' (2022) and one of the founders of Space Value Foundation, which campaigns to embed sustainability into the very core equations of finance, allowing a global transition in business and industry. The Space Value Foundation takes its name from the principle and model proposed by Armen in his recently published book. For full Bio please see [here](#).



Our financial imagination is as important as our technological imagination when it comes to extending our reach into the cosmos.

Armen V. Papazian, Starship Congress, 2013





By formally introducing space into our financial value framework, as an analytical dimension and our physical context, by entrenching our responsibility for space impact into finance, by changing the logic of the value of money to account for risk, time, and space parameters, we may be able to facilitate the needed long-term transformations in human productivity, ensuring both its sustainability and continuous expansion across time and space.

The Space Value of Money, 2022, 247



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