

SDGs Economics

A chance to reinvent economics

The link to alternative approaches in Economics

The focus on alternatives

Economics in the light of change

?

Call for Papers

Editors:

Karen Wendt (Sustainable Finance.io)

Christian Rammel (Vienna University of Economics and Business)

Sigrud Stagl (Vienna University of Economics and Business)

As the essential building blocks of the 2030 Agenda for Sustainable Development, the Sustainable Development Goals (SDGs) are an opportunity for global introspection and socio-ecological transformations. The time seems ripe for re-inventing the economic paradigm. The following megatrends in societies can be identified:

- (1) The recent upsurge in entrepreneurship in many countries (Fairlie et al. (2015); OECD (2016); Schwabel (2017)),
- (2) shifting attitudes towards the role of business in society (Deloitte 2016), and
- (3) a broad policy push for sustainable development which materialized in the 17 Sustainable Development Goals (SDG) and the Paris Agreement (UN 2015, UNFCCC 2015),.
- (4) Two recent low-income countries, Nigeria and Vietnam, are expected to be in 21 the G20 by 2050. This is changing the core premise of the relationship between the old rich world and the developing countries. As a result, the basis of development cooperation will be equality and reciprocity instead of conditionality; the new focus will be on doing sound business together. (FMO, Kleiterp 2016)
- (5) Another trend is the continuing mismanagement of global public goods, such as carbon emissions, water and fisheries. This is fuelling climate change and posing the first genuine threat to humanity. At the forecast growth rates and given the growing middle class in emerging markets, we will need 2.4 planets in 2050 to sustain our lifestyles. We will have to change our ways of production and consumption in order to be able to live with scarcities of resources and avoid drastic climate change and the climate adaptation risk challenges that come with it (Wendt(2016)).

The introduction of the SDGs therefore can be seen as a game changing event in re-directing economics as the SDGs constitute a new global social contract which did not exist before. This social

contract has been signed by 194 nation states and is designed to create a level playing field for environmental and social cooperation.

The SDG might function as a scorecard and a multi-dimensional agenda for socio-economic and ecological objectives when integrated into the strategies of businesses, governments and other actors. However, there is not only a high degree of expectation and excitement but also skepticism about the SDGs' potential for transforming our unsustainable socio-economic patterns. This is echoed by a growing understanding that if the SDGs should be successful the imperative of change must be at the very heart of each goal.

Understanding the SDGs in the light of transformational change reflects the recognition that we need new insights of how we understand and organize our economies. From this angle, traditional economics has reached a tipping point and requires a re-invention or at least a plurality of new and critically expanded concepts to bring sustainable change. This reference work shall not only collect alternative and complementary ideas in economics discussing issues such as de-growth, ecological economics, green macro-economics or bio-economy and show on their strengths and gaps. It shall go beyond the current framework of neoclassical economics and detail for each SDG how economics should look like when a systems approach is applied and inputs, activities, process, outputs, outcomes and impacts are mapped and proactively planned, managed and reported.. This anthology shall reflect new approaches that are beyond the proof of concept stage with a clear potential to fulfil a particular SDG or more SDGs.. At the core, we will follow a major narrative: *What new economic approaches can address the challenge to bring the SDGs into the DNA of the economic system and help us to get started with their implementation?*

This anthology is based on a declared commitment to provide theories, methods and models that can replace or complement neoclassical economics and initiate sustainable social-ecological transformations using the Agenda 2030 and the SDGs targets as the core of economics. The researchers and practitioners shall present new complementary and alternative economic approaches that are designed to overcome the variety of challenges coming along with the SDGs. "SDGs Economics" aspires to be a reference work to all those interested in inter- and transdisciplinary approaches to socio-ecological transformations with the clear commitment to fulfill the SDGs , through alternative economic approaches. This anthology welcomes both theoretical and applied submissions, coming from different angles to economics, addressing the various sustainability issues stressed by the SDGs such as energy, equality, biodiversity, finance, education, transport, innovation, or responsible consumption and production and first and foremost climate change.

Submission Process and Deadlines

IMPORTANT INFORMATION AND TIMELINE

- Springer Publishing is kindly requesting that **your author information be submitted before March 31st, 2021**. Please enter your full name, affiliation, postal address, phone, Email, CV, photo, and abstract here: <http://sustainable-finance.io/sustainable-finance-authors>. **Please note that the final deadline for submission of the abstract and details is December 31st, 2020.**
- Please note this web-link is confidential and for authors only. The information provided will NOT be publicly available online. Your photo, bio, and Email address will be, however, printed in the anthology to introduce you as an author to the reader. The editors will evaluate the abstracts and provide them as a preview to Springer.

Manuscripts containing up to 18,000 words must be submitted for peer-review online until March 31st 2021 the peer review period stretches from April 1st 2021 until May 1st 2021. Please note that
stagl@wu.ac.at
christian.rammel@wu.ac.at
karen@sustainable-finance.io

You will be provided with feedback from the editors within 30 days and we expect the final submission (if any revisions required) by March 1st 2019.
Revised papers based on peer review will be completed by June 15, 2019.

TOPICS – A SELECTION TOWARD AN INTEGRATED SOLUTIONS APPROACH Please note that you are able to propose additional topics

I. ECOLOGICAL MACROECONOMICS AND OTHER ALTERNATIVES

- **SDGs in the light of “Responsible Consumption and Production”**
- **The SDG in the light of new alternative economic approaches**
- **'Smart cities and Sustainable Transport' from a socio-ecological and economic perspective**
- **USECASES FOR SDGS**
 - **Impact Assessment**
 - **Assessment of resource spillovers in the SDG context**
 - **Monitoring the bioeconomy as a strategy to implement multiple SDGs**
 - **Modelling SDG Indicators: A Survey of the Research**

<http://sustainable-finance.io/sustainable-finance-authors>.

II: THE IMPLEMENTATION

- **SDG Finance**
- **SDG Investment**
- **Implementation of the SDG in the context of youth and entrepreneurship**
- **Private sector engagement**
- **II. PROTOTYPING THEORIES OF CHANGE**
- **Climate Economics and Finance**