

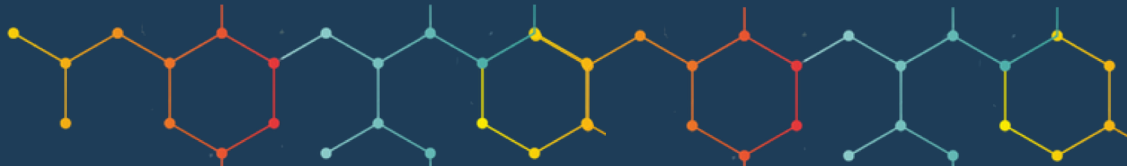
# Modeling the Impact of COVID-19 on the Sustainable Development Goals

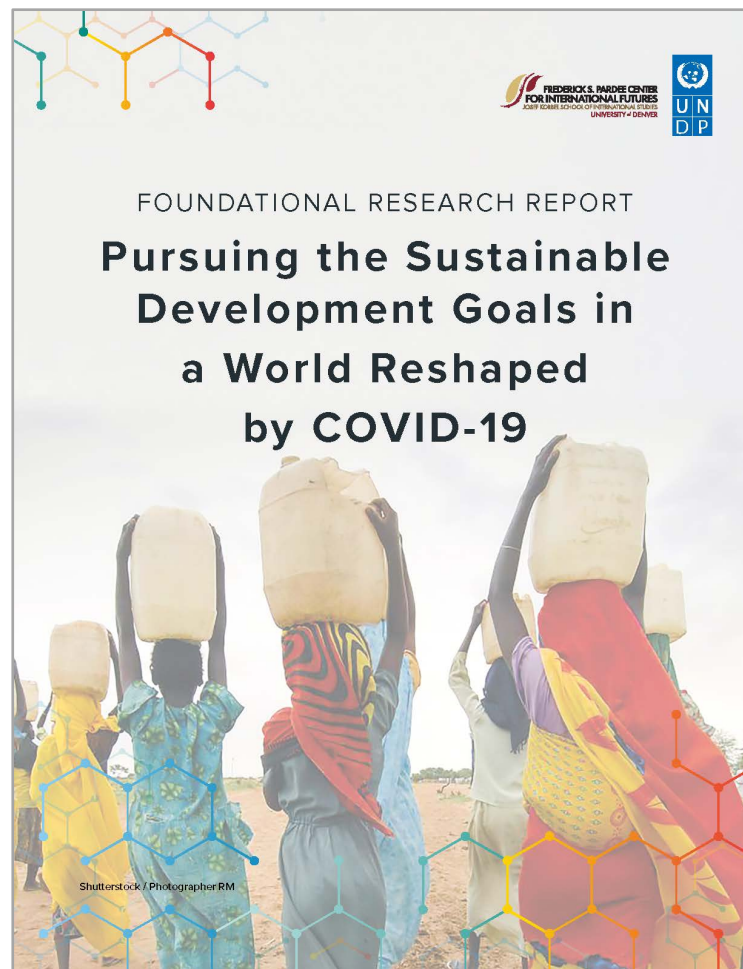
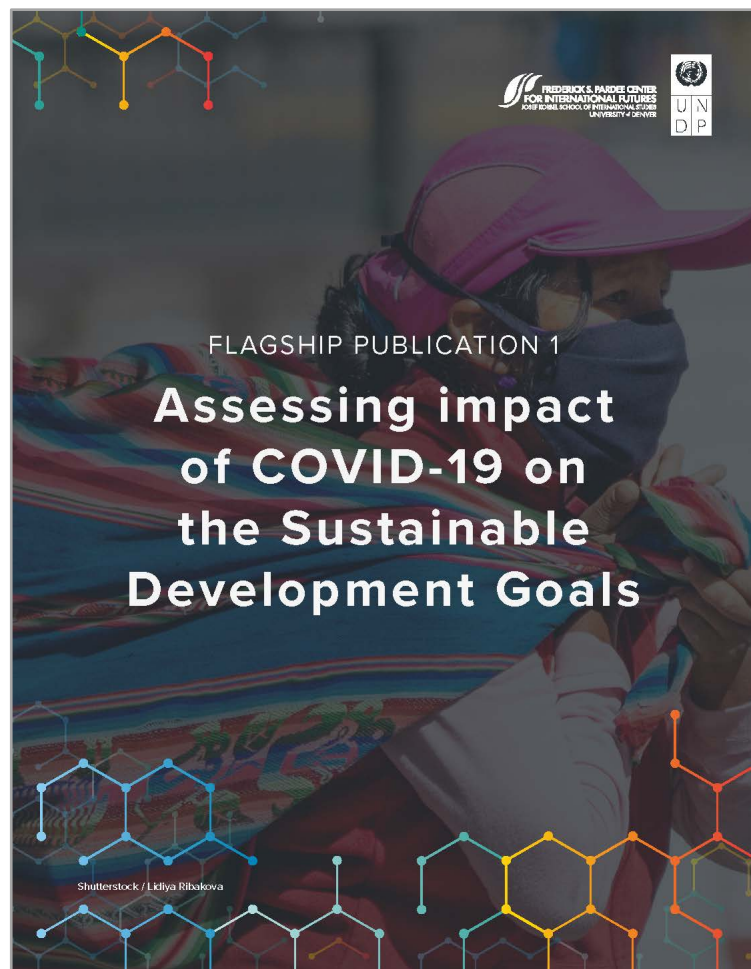
Training on the International Futures Tool

*Costa Rica and Peru*

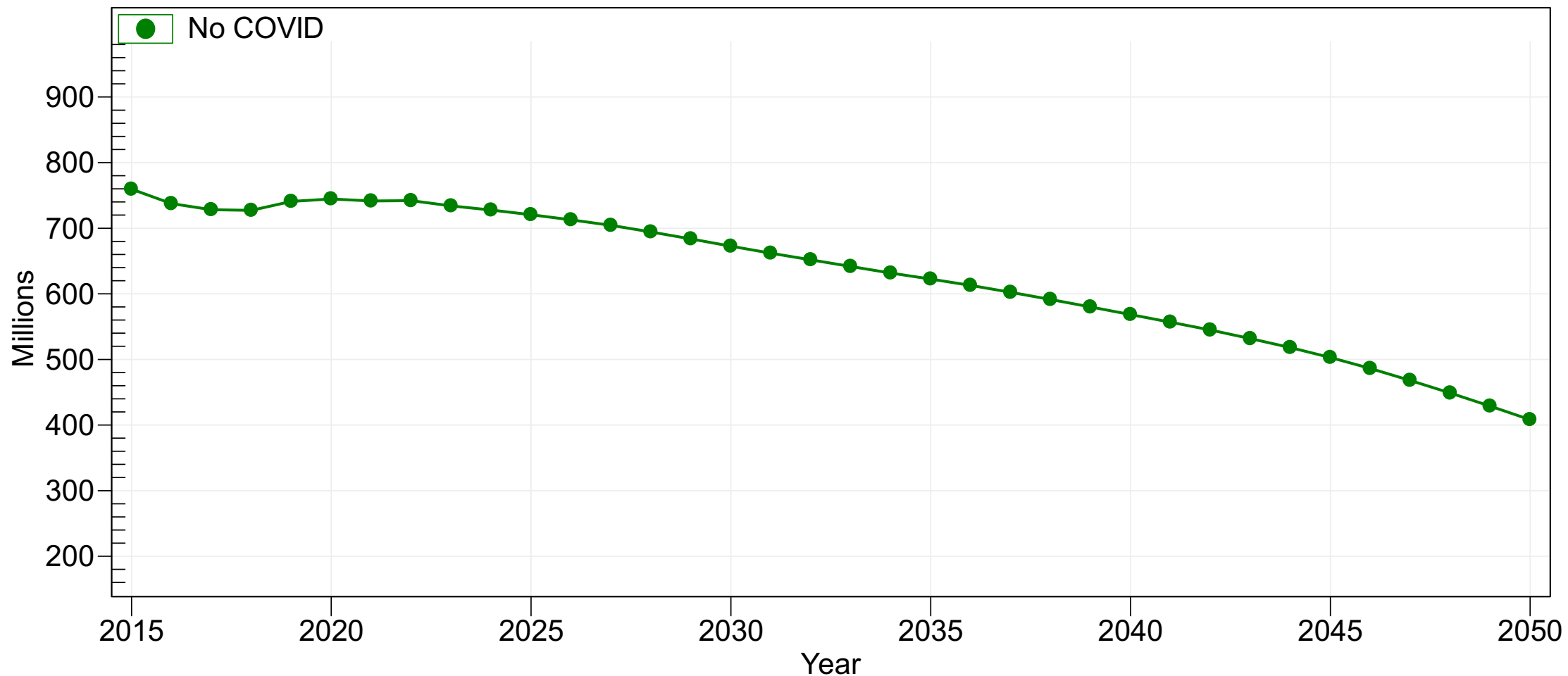
Friday 10 September 2021

<https://www.sparkblue.org/IFs>

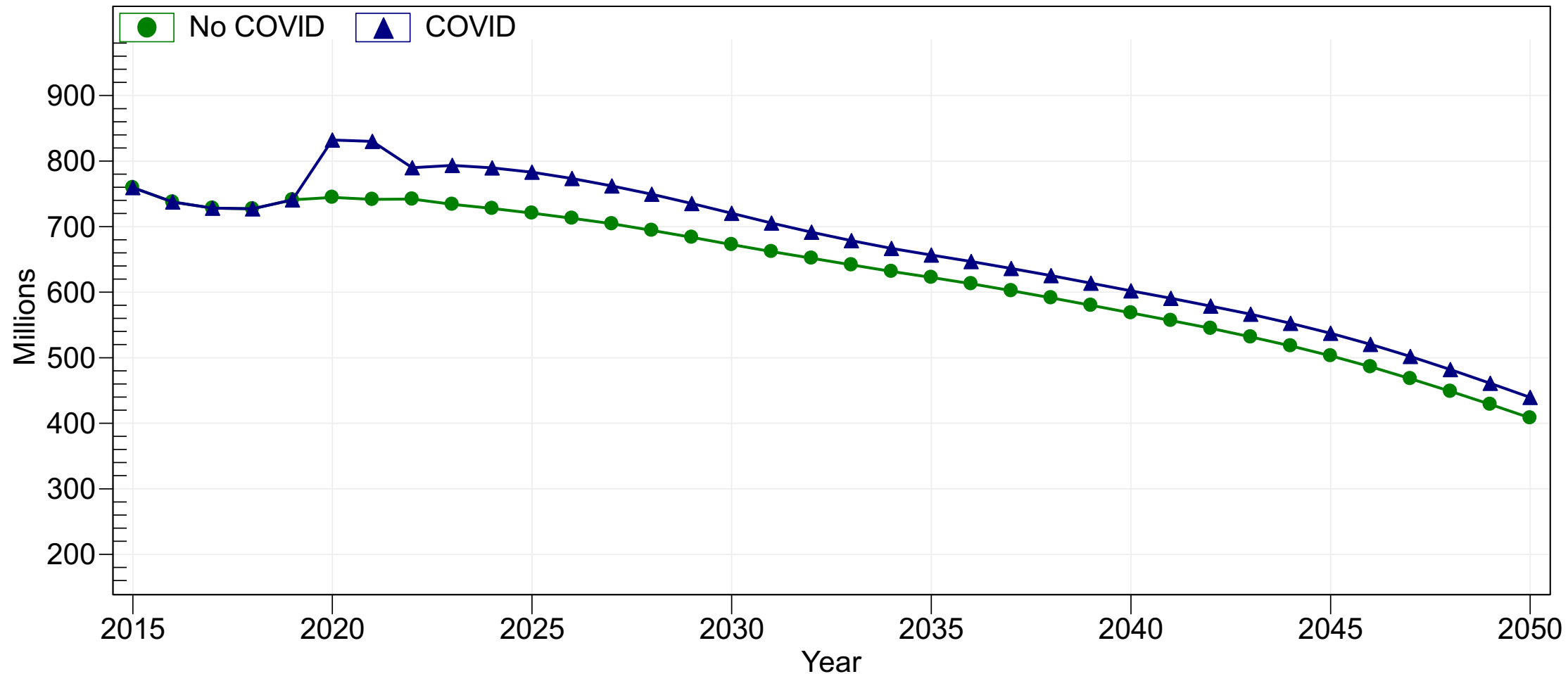




## Global Poverty Headcount <\$1.90 per Day, Log Normal

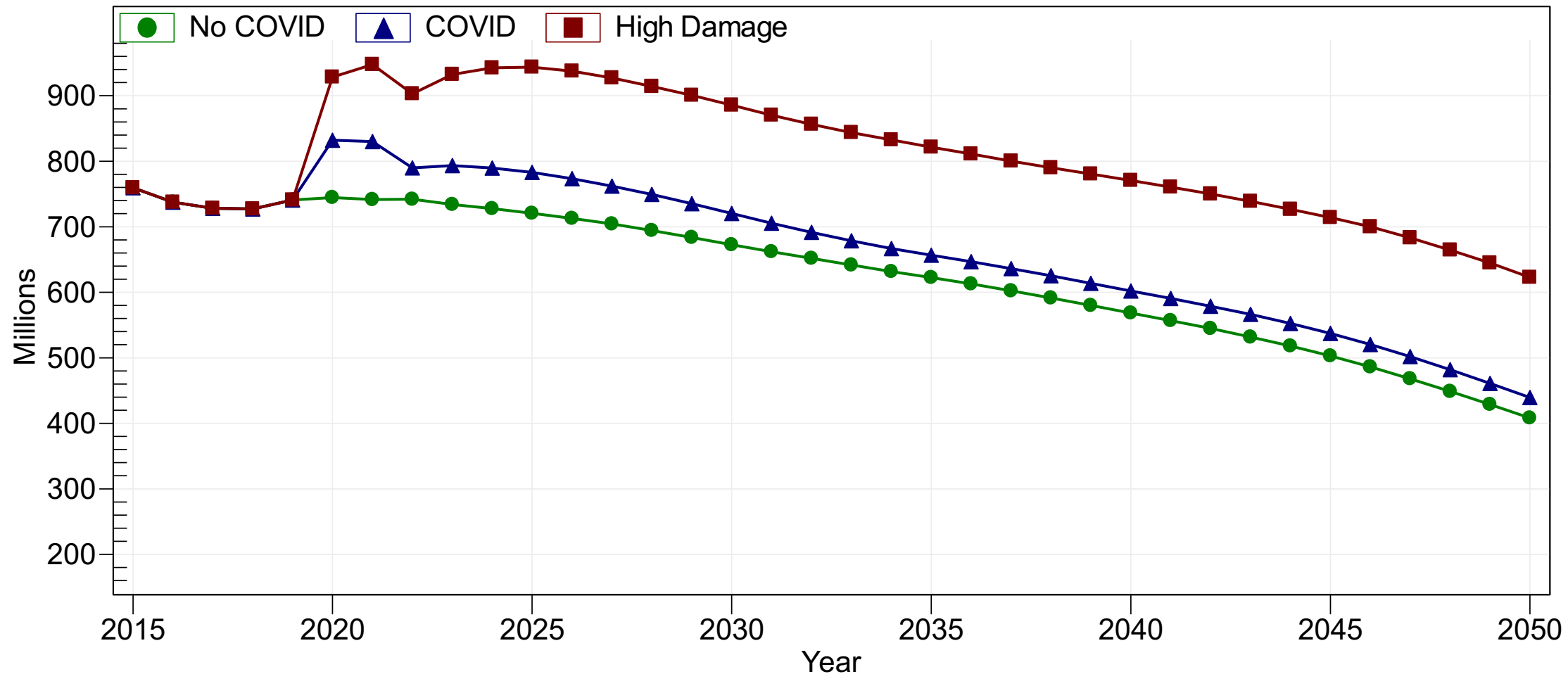


## Global Poverty Headcount <\$1.90 per Day, Log Normal





## Global Poverty Headcount <\$1.90 per Day, Log Normal



## SDG Push scenario

### Social Protection

- Shift towards a more crop-based diet
- Modernization of cookstoves
- Increased public health spending
- Greater welfare transfers in low-income economies
- Increased access to piped water and improved sanitation

### Digital Disruption and Innovation

- Higher secondary education graduation rates
- Increased focus on science and engineering graduates
- Greater education budget allocation
- Higher research & development spending
- Higher infrastructure spending
- Increased access to fixed and mobile broadband

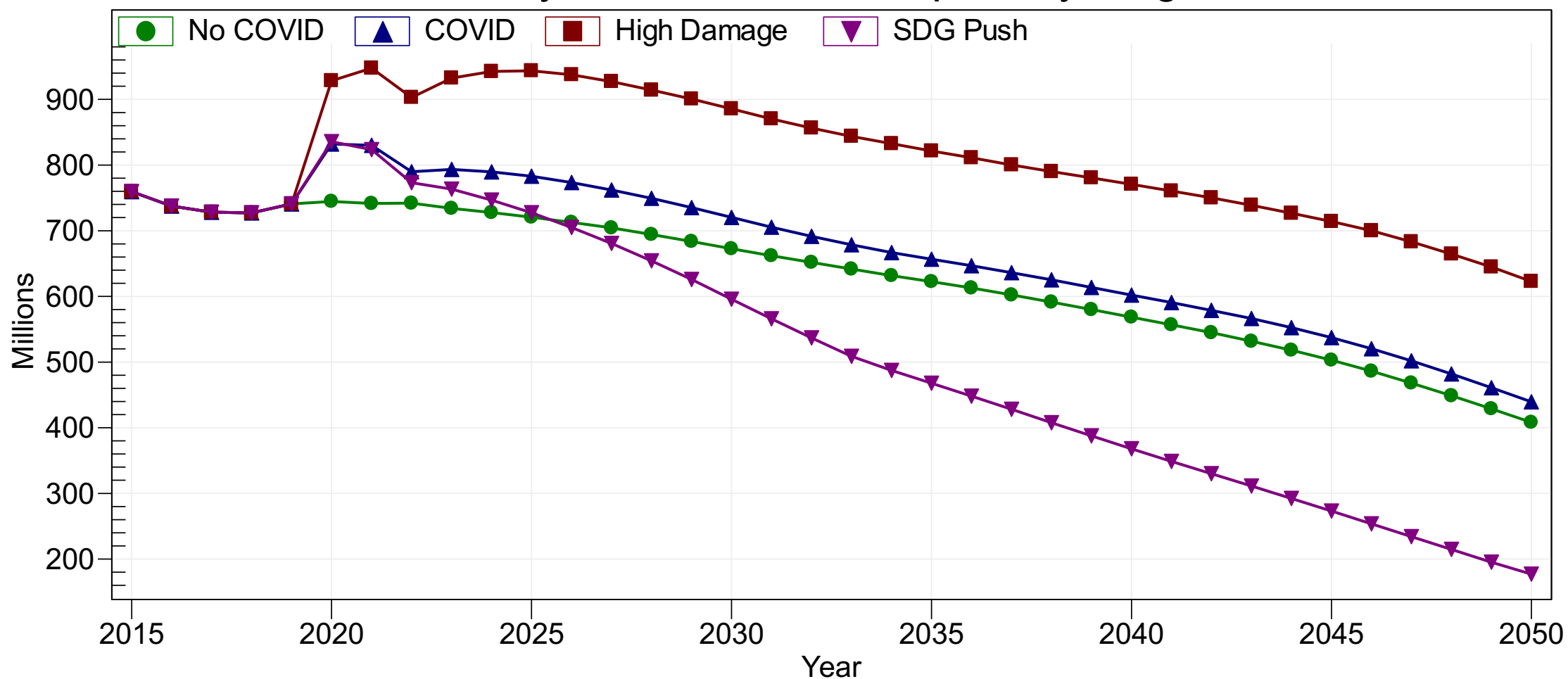
### Governance

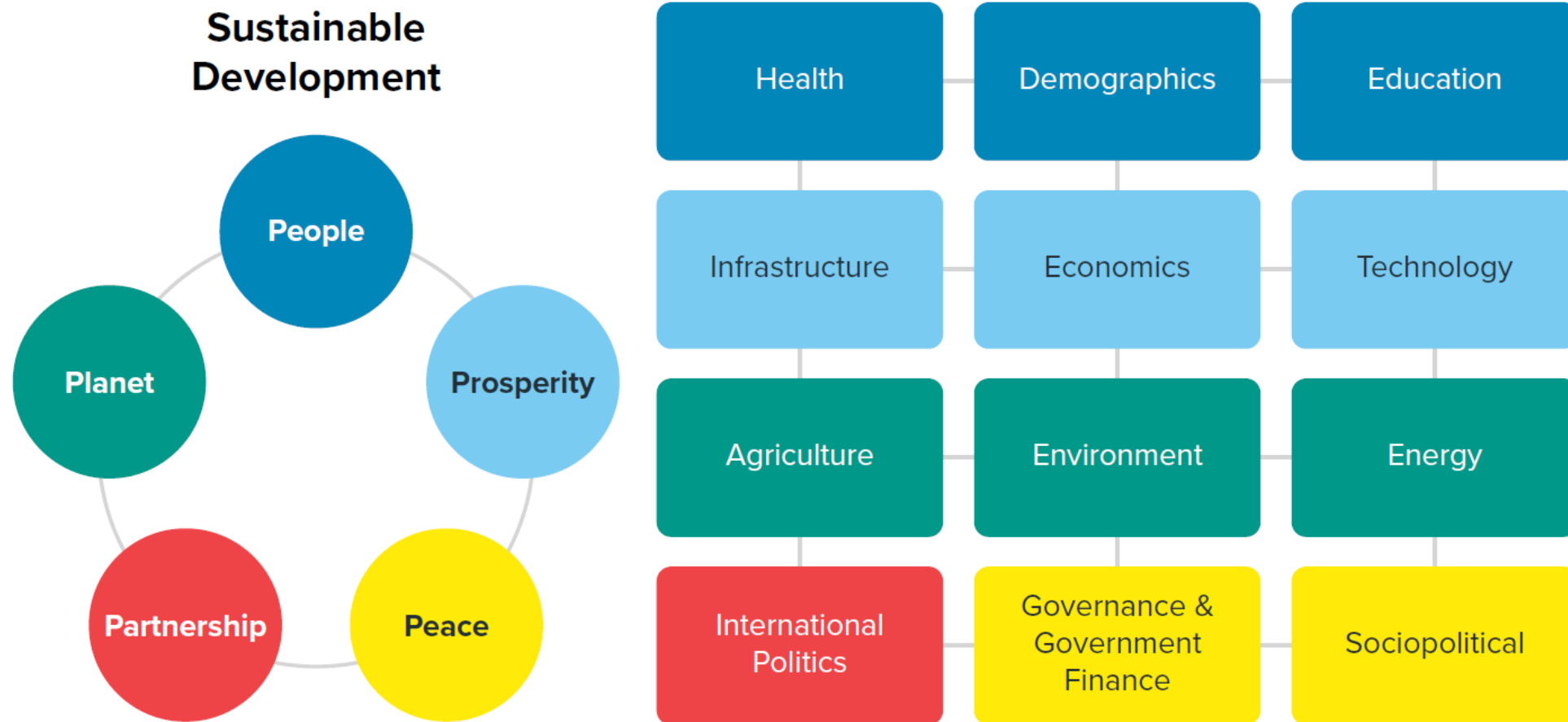
- Improved government effectiveness
- Strengthened democratic institutions
- Increased government transparency

### Green Economy

- Lower water demand
- Reduced electricity transmission loss
- Improved urban air quality
- Reforestation
- Stronger carbon tax regime
- Reduced energy intensity in the economy
- Greater investment in renewable resources
- Reduced energy demand
- Increased electricity access
- Reduced agricultural losses
- Improved crop yields
- Reduced fish catches for largest producers

## Global Poverty Headcount <\$1.90 per Day, Log Normal





**Box Figure B2.1. The Five "Ps" and the associated models of the IFs system**

Note: The models of IFs are heavily interconnected.



## Nearly 5,000 historical series in the IFs Database



Many covering 186 countries back to 1960

## National Governments



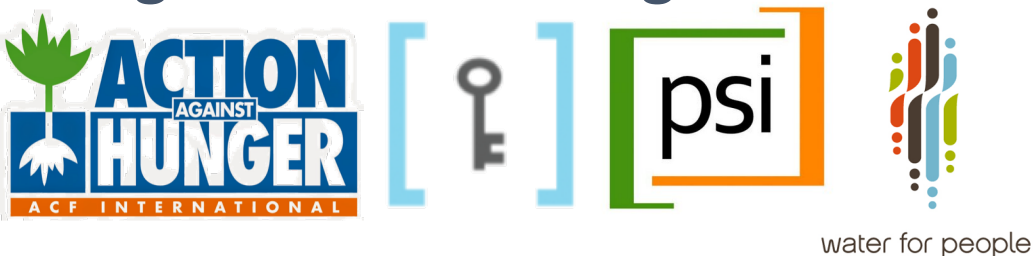
## Intergovernmental Organizations



## Private Sector

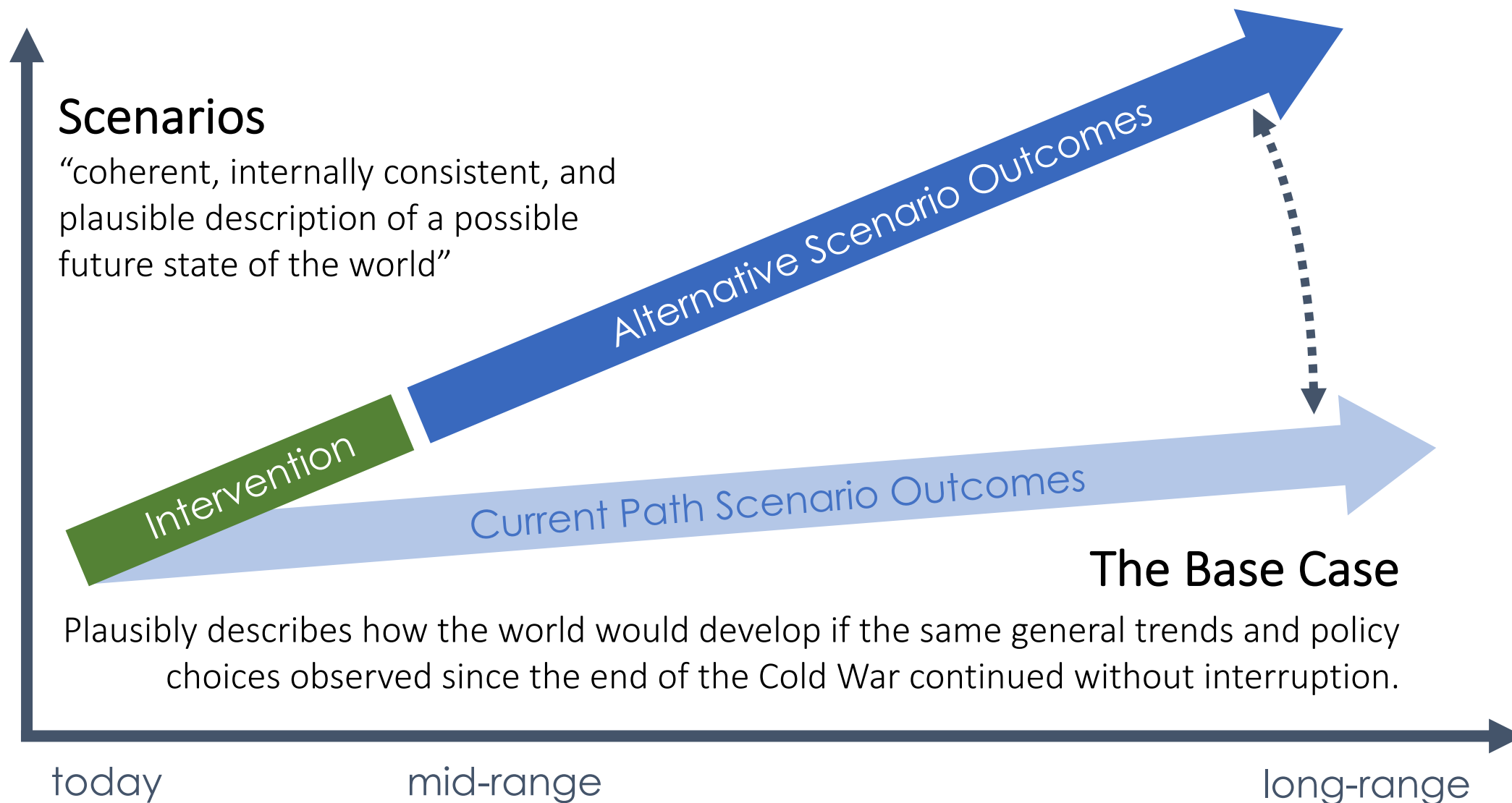


## Nongovernmental Organizations

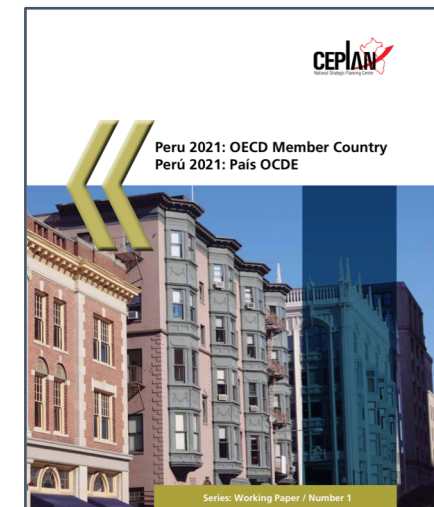
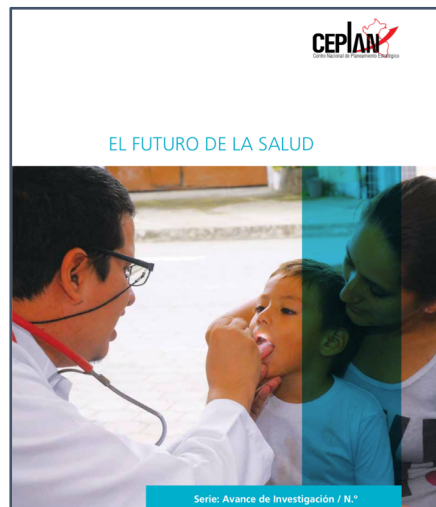
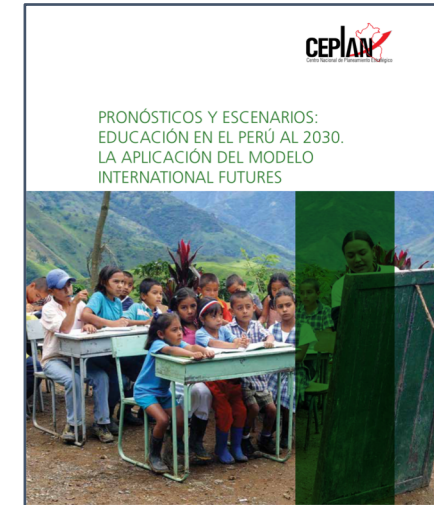
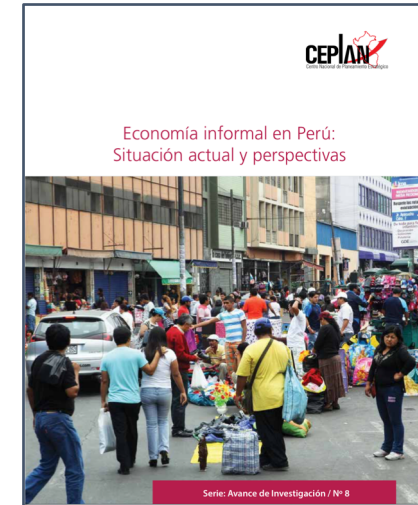
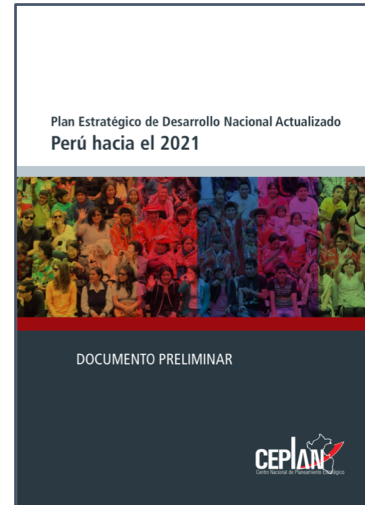
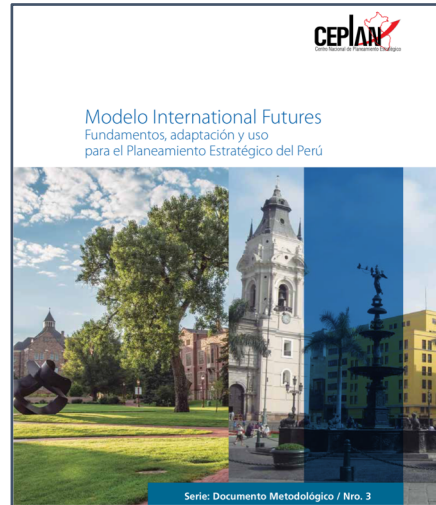


## Think Tanks







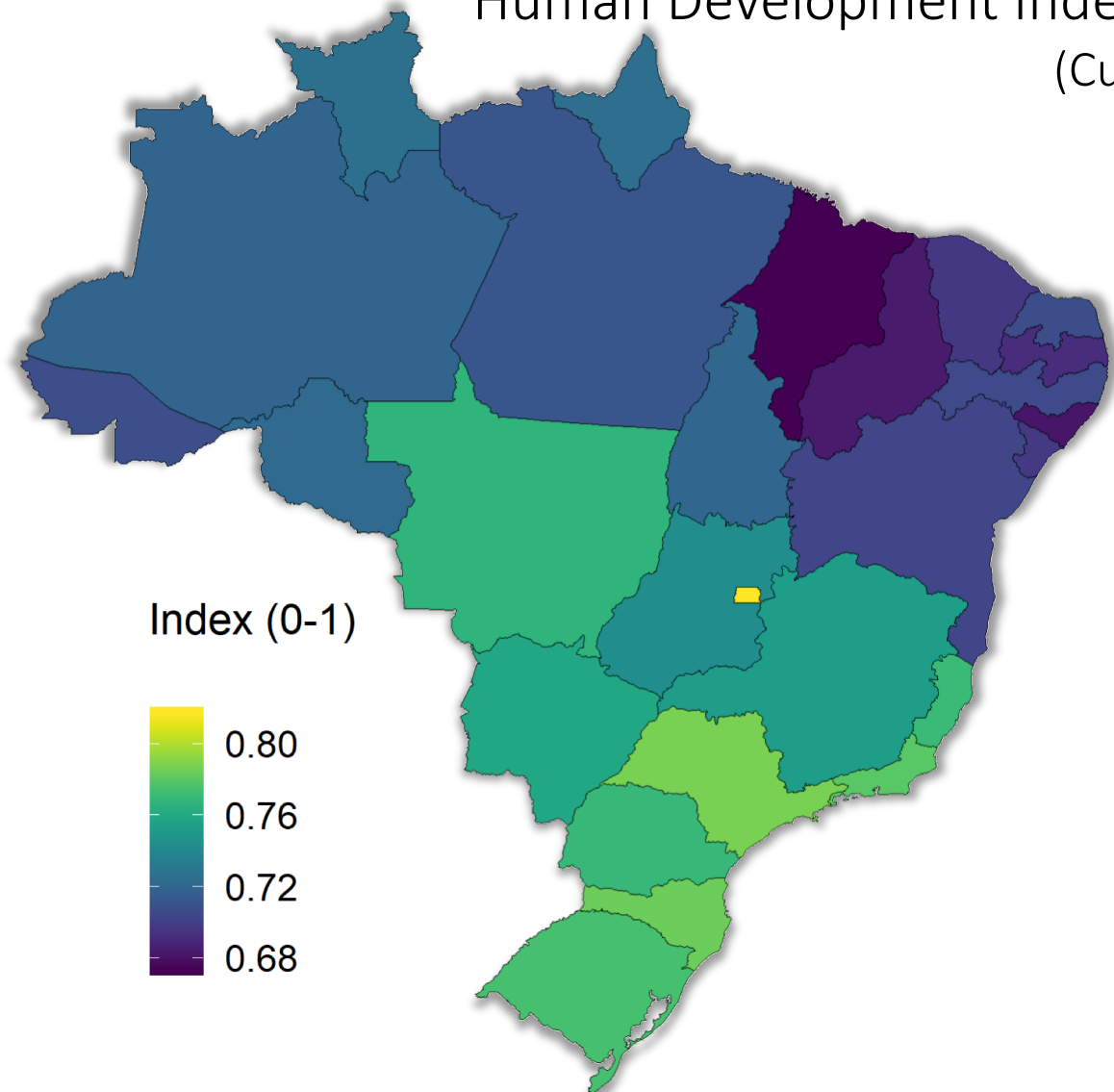




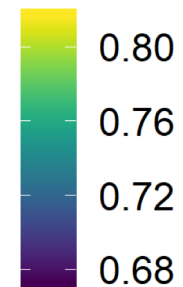
O futuro do  
desenvolvimento  
no Paraná:  
aumentando a  
produtividade e reduzindo  
a desigualdade



Human Development Index in 2030  
(Current Path)

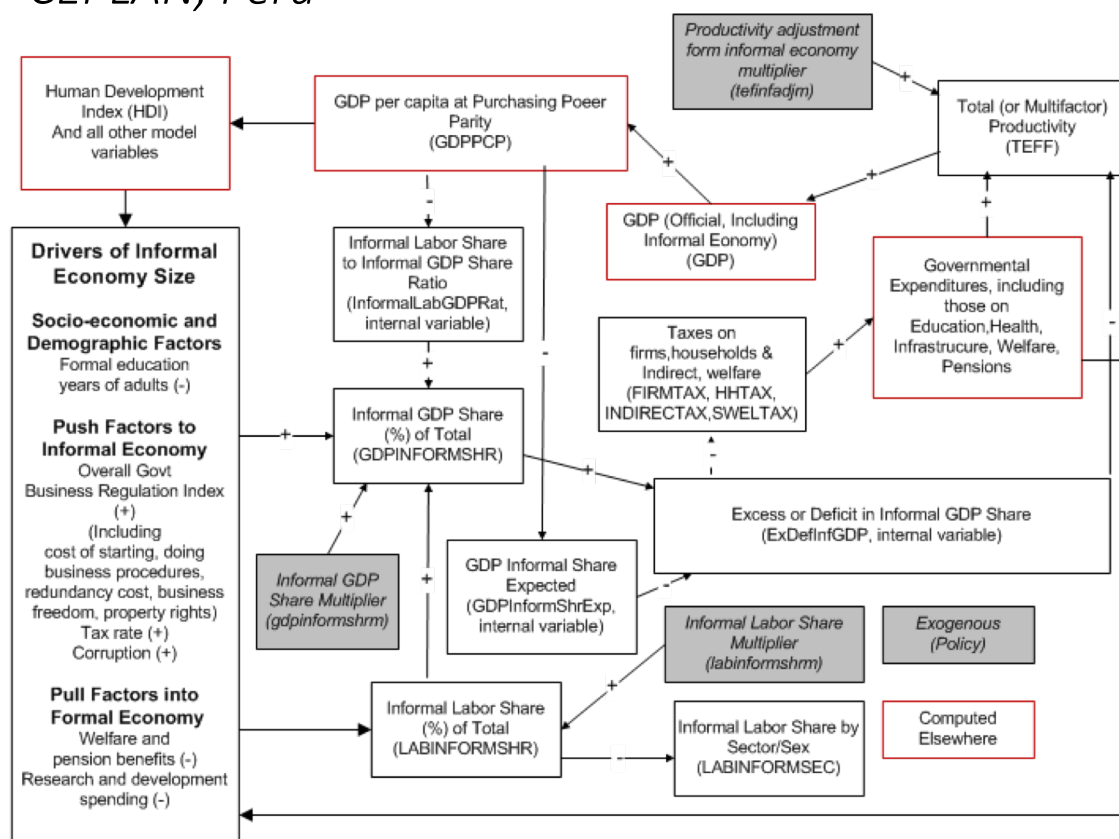


Index (0-1)



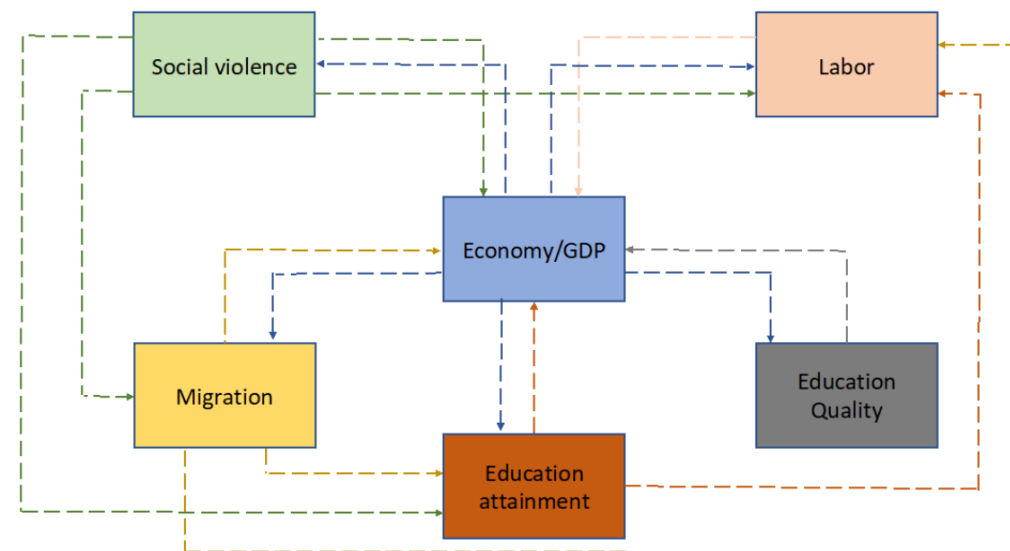
## Informal labor and production

*CEPLAN, Peru*



## Education, migration, unemployment, and violence

*USAID Central America*



## Open and Transparent



- Open source
- Free to download or use online
- Extensive help system and documentation
- *pardee.du.edu*

# Thank you for your attention

See you in the online Discussion Rooms!

<https://www.sparkblue.org/IFs>

