

# An Update of The Shared Socio-economic Pathways (SSP): Population, Human Capital, and Economic Drivers

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Moderation by Keywan Riahi and Detlef van Vuuren

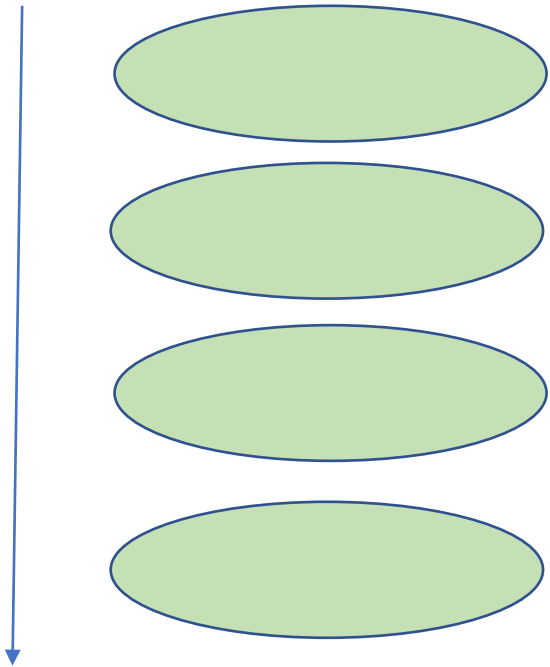
ICONICS-IAMC Webinar  
8<sup>th</sup> February 2024



# Update of the SSPs



## Four levels of ambition for updates



1. Base year update (keep the trajectory the same)
2. Update the projections (using updated parameters and models)
3. Update the narratives and the projections
4. Replace total framework

# The SSP updating process so far...

- ✓ Population - completed
- ✓ Economic development – completed
- Urbanization - fast track review
- Spatial downscaling - forthcoming
- New elements: poverty, equity - forthcoming
- Extension Explorer (**ICONICS Webinar 29<sup>th</sup> February**)

## External and internal community vetting and review

Preliminary released before summer 2023

- Public review summer 2023
- Additional internal review (thanks to Nico Bauer and team!)
- Launch: January 2024
- Webinar: February 2024



Variable ⓘ

Human Development Index ▲

Value Added|Manufacturing

Value Added|Services

Governance Index

Governance Index|Control of Corruption

Governance Index|Government Effectiveness

Rule-of-Law Index

Gender Inequality Index

Model

Human Development Index  
Model (2015)

## Introducing SSP Extensions Explorer - a collection hub for quantitative extensions to the original SSP framework:

- Visualization and download options for more than 15 indicators
- Learning resources
- Stories of authors' motivations for developing extensions

# Official launch on February 29

# 15h CET

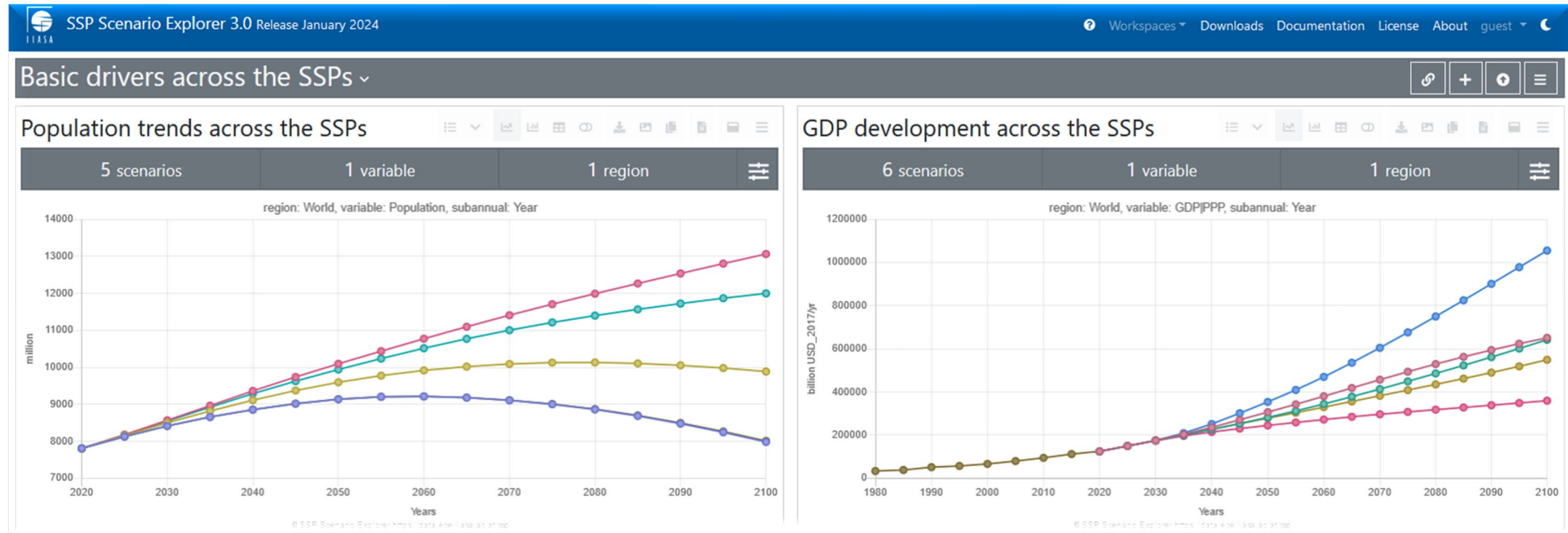
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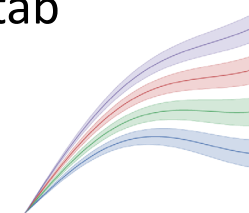
Score

# SSP Explorer 3.0 - <https://data.ece.iiasa.ac.at/ssp>

interactive Explorer to create a workspace, select SSPs and data in a panel, and download data as needed



- Full download the projections as xlsx files in the “Downloads” tab
- The open-source Python package `pyam`  
<https://pyam-iamc.readthedocs.io>



**pyam: analysis and visualization of integrated assessment scenarios**

License: Apache 2.0 | python >=3.8 | mail: groups.io | chat: Slack  
code style: black | pytest: passing | docs: passing | codecov: 95%  
DOI: 10.5281/zenodo.1470400 | IORE: 10.12688/openscience.13633.2

Repository hosted on: GitHub | Community supported by: Groups.io | slack | Documentation hosted by: Read the Docs

# ICONICS Webinar agenda



Samir KC, IIASA Population projections (15 min)



Rob Dellink, OECD GDP porojections (15 min)



Jesus Crespo Cuaresma, IIASA GDP projections (5 min)

Discussion... 15 min