



# CANTOR'S WORLD

A journey towards sustainability.

## OBJECTIVE

At the Rio+20 Summit in 2012, a trio of organizations under the UN umbrella released an Inclusive Wealth Report. The report spoke about an 'Inclusive Wealth Index' (IWI) to measure a nation's development. Indicators already in use to understand development and progress such as GDP (Gross Domestic Product) and HDI (Human Development Index) do not consider environmental issues and its subsequent impact on our future.

The IWI is a way to acknowledge and articulate the interconnectedness of the economy, environment, and human well-being. The game Cantor's World has been designed for students and policy makers to learn how the IWI complements other indices. In the game players can experiment with different policy choices and experience first hand the tug-of-war between short-term results and long-term sustainability.

### *Intended Audience*

*Students, educators, economists.*

### *Keywords*

*Inclusive wealth, computer supported game, GDP, HDI, learning, economics*

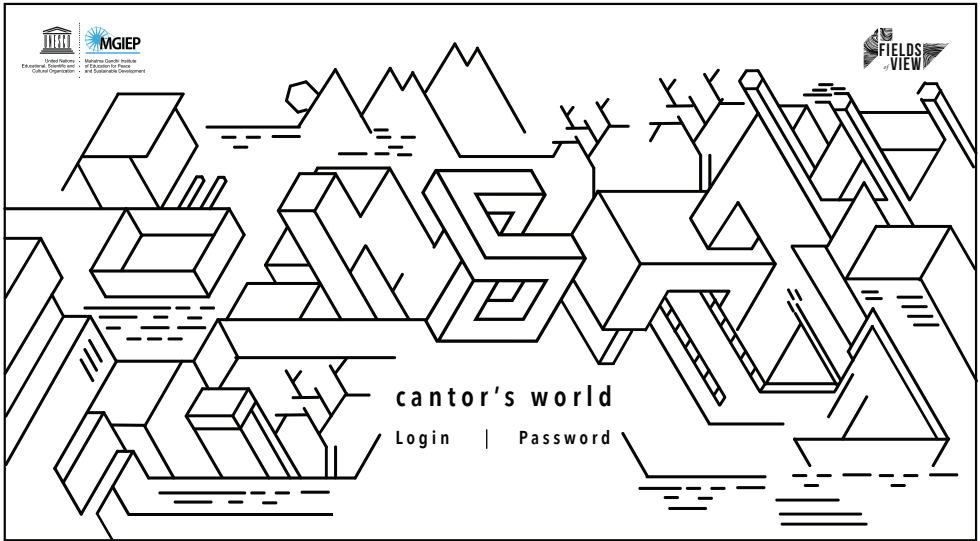
### *Type*

*Computer-supported game*

### *No. of people*

*5-25 players*





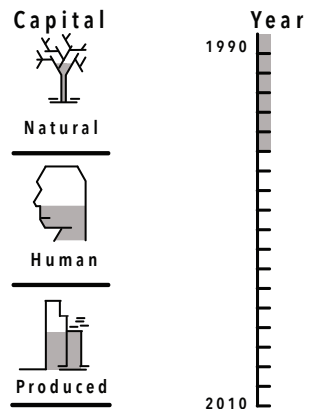
## GAME PLAY

Players prepare budgets using their judgements based on the national economic indices that are provided. This would include the IWI as well along with some of standard development indicators. The players will determine a course fiscal budget plan along with basic monetary policy based on the information provided to them by the indicators. The players will be free to follow the information afforded to them by any of the economic indicators to determine their policies.

## LEARNING OBJECTIVES

The game is designed to encourage players to develop a futures orientation and apply the same to shape real life sustainable economic policies. Specifically, players learn the following:

- Players learn the components that are used to calculate the IWI and how it compares with other development indices such as GDP, HDI, etc.
- Players learn how changes in national policies can alter different indices and what advantages does the IWI offer in understanding these changes.



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