

# **Which concepts and tools should be used to improve measurement and monitoring of bioeconomy in the context of the SDGs?**

**Global Bioeconomy Summit**

**Workshop: Measuring and Monitoring the Bioeconomy – What, Where and How?**

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# What do we (want to) measure?

**Bioeconomy interlinks sectors and value chains: holistic is a must**

## **Widely different approaches and focuses:**

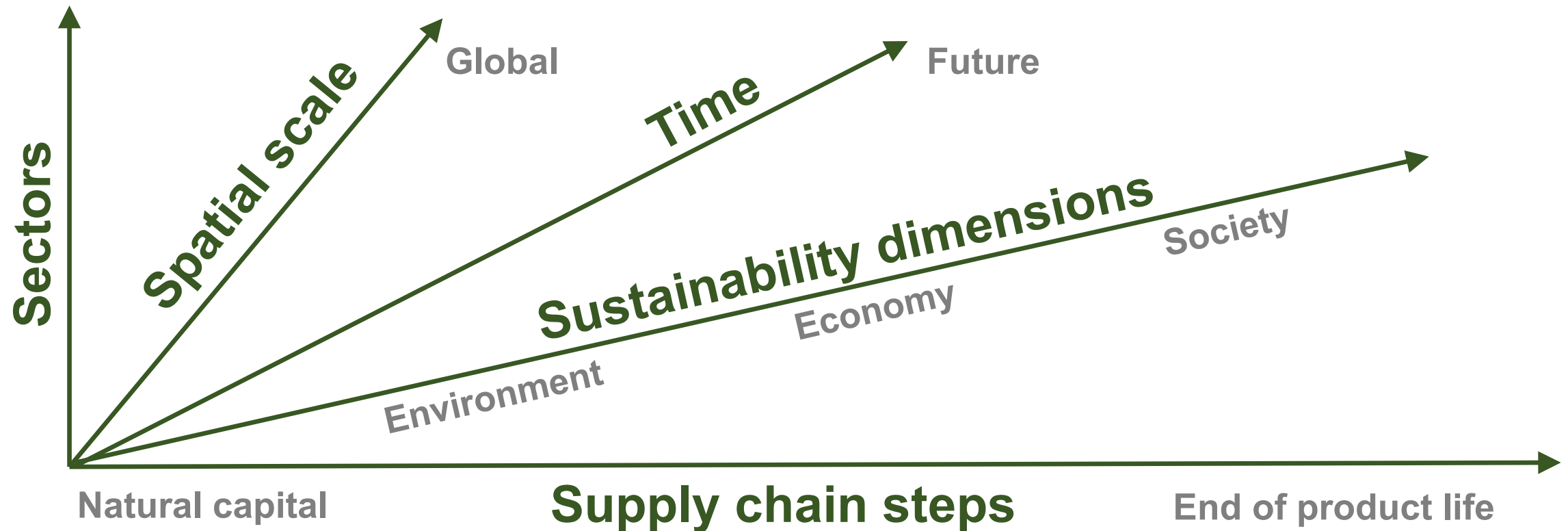
- **World regions**
- **Policies and business sectors**
- **Input vs output**

## **In common:**

- **Economy based on biomass and biological processes**
- **Expected output is human well-being within the planetary boundaries**
- **It is a moving target**

# What and where do we (want to) measure?

## Linking and integrating horizontally and vertically the value chains



# SDGs and Bioeconomy

## Linking bioeconomy to SDGs

- **Bioeconomy is needed to deliver SDGs**
- **The contribution of bioeconomy to SDGs at the core of bioeconomy monitoring**
- **Specific contribution to SDGs to be elaborated further**
- **Forward looking analysis a tool to explore**
- **Global dimension/responsibility of (local) bioeconomy**

# How can we measure?

## **A plethora of statistical data exist and are reported regularly**

- **Harmonization, comparability**
- **Redundancy, reduce the complexity**
- **Still many gaps**

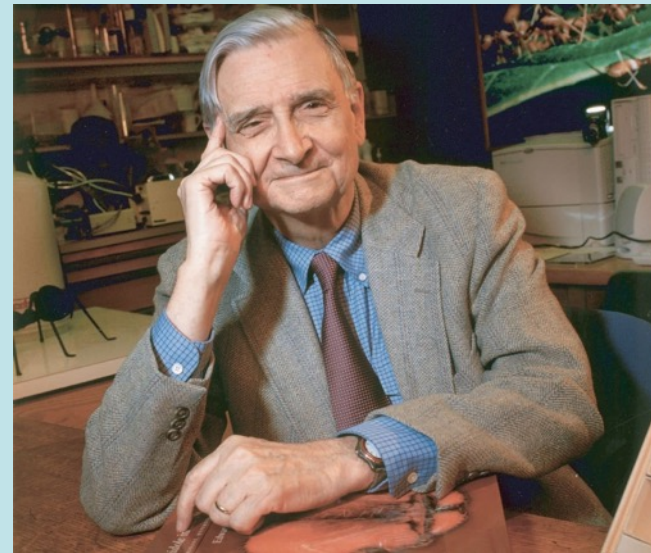
## **Data/indicators (desirable) properties**

- **Transparency**
- **Sensitivity to changes and frequency of update**
- **Timeliness and time dimension**
- **Time series consistency**
- **Spatial coverage**
- **(Cost-effectiveness)**

# Pertinent quote

"We are ***drowning in information***, while ***starving for wisdom***. The world henceforth will be run by people able to ***put together the right information at the right time, think critically about it, and make important decisions wisely.***"

Edward O. Wilson, 'Consilience'

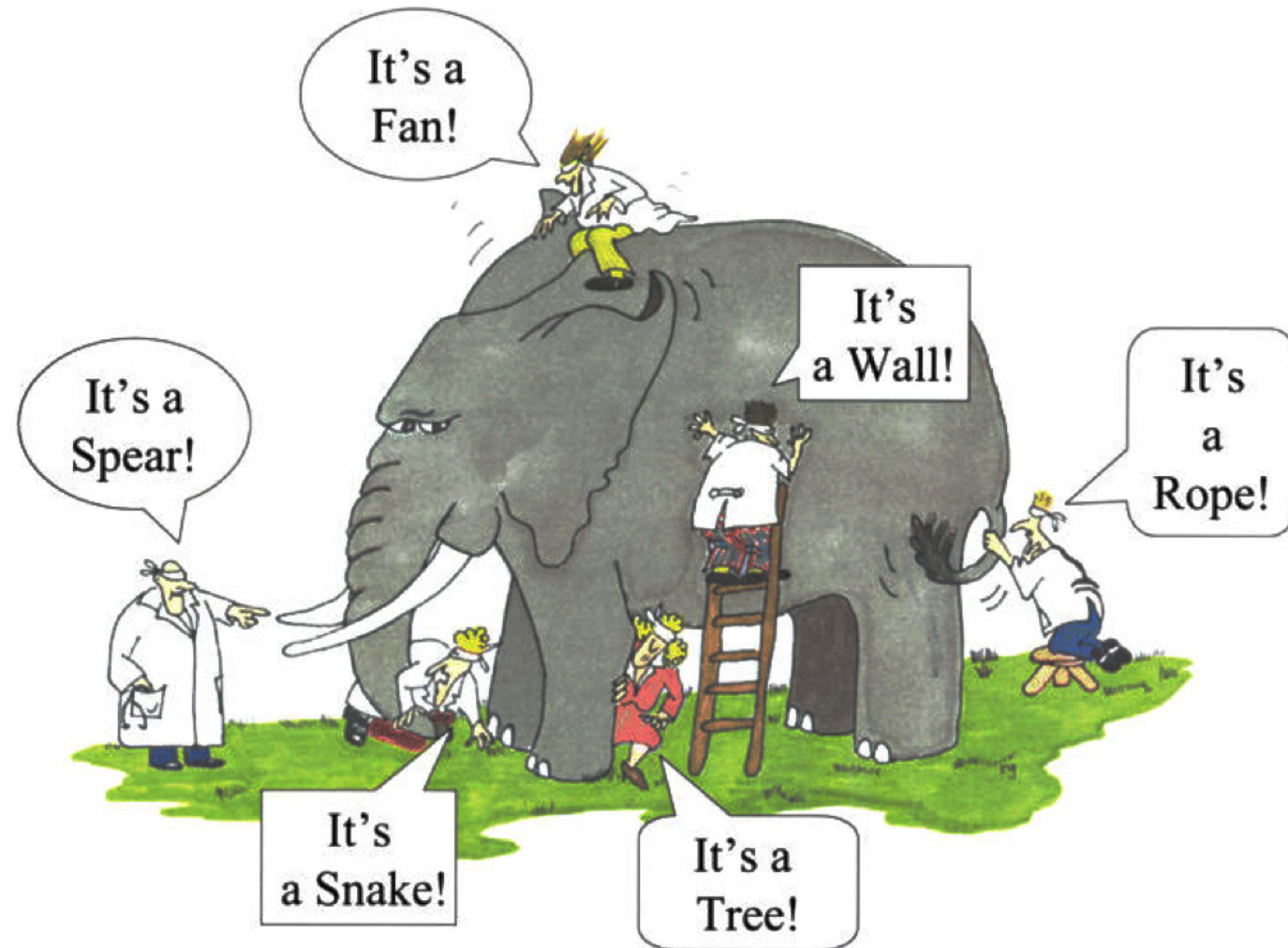


# Final remarks

## Assessment and communication Importance of the audience

- Policy makers
- Market/investors
- Public
- ...

**Get the right question  
and focus on the right  
target before looking  
for the answer**



# Thank you

