




A THEORETICAL INVESTIGATION OF SUSTAINABLE DEVELOPMENT AND RESILIENCE

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Overview

- The aim of this presentation is to show the theoretical parallels of two mutually similar and related concepts.
- The concept of resilience is a logical consequence of a relatively unsuccessful attempt of implementing sustainable development in practice.
- Sustainable development and resilience are broad and multi-dimensional concepts.

Sustainable Development

- The concept of sustainable development was made official in 1987 when Environmental Protection Strategy was developed with the main task to "achieve sustainable development through the protection of vital resources"
- Strategy and Report of the World Commission on Environment and Development: **Our Common Future** are the basic documents on which the concept is based
- Formally, this approach to sustainable development has been widely accepted, and the international documents have been verified by a large number of countries.
- Many countries, including our own, have consequently created national strategies for sustainable development, followed by the local agenda.

Sustainable Development

- At the World Summit on Social Development, 2005, the objectives of the concept of sustainable development were defined.
- Those are based on three pillars :
 1. Economic development
 2. Social development
 3. Environmental protection.
- The relationship between these three pillars is shown in the following Figure.



Source:

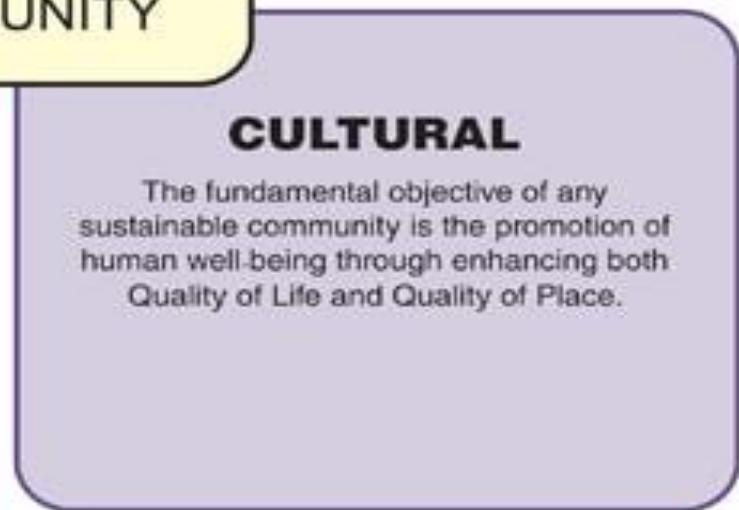
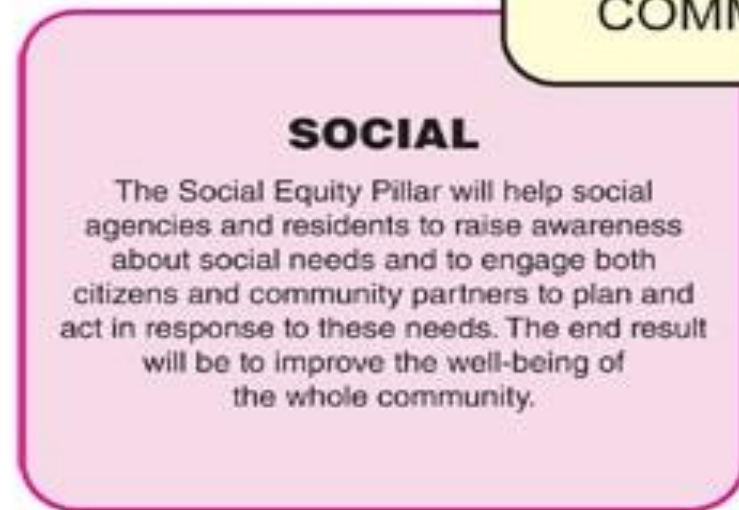
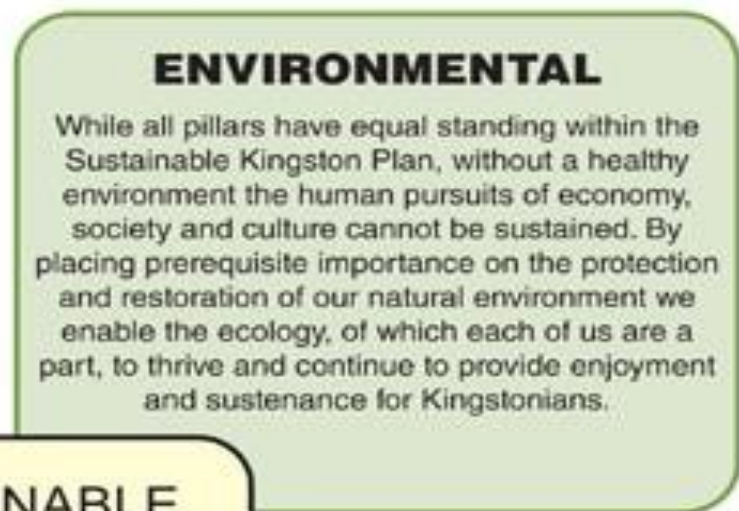
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Measuring sustainable development

- Although there are three pillars Commission for Sustainable Development (CSD) has proposed four key areas under the program of creating test indicators.
- In the period 1996-1999 indicators and proposed methodology of measurement were tested using the sample of 22 countries.
- Within the framework of the United Nations - CSD a methodology with 134 indicators was developed.
- The indicators are divided into subsystems: 1. Social, 2. Economic 3. Environmental and 4. Institutional
- The subsystem division corresponds with pillars of the concept of resilience.

Sustainable Kingston approach

- Sustainable Kingston approach to sustainable development and sustainable society is based on four pillars of sustainability.
- Sustainable Kingston has a socially responsible and non-profit approach, integrated in the four pillars of sustainability: social equality, the development of culture, economic development and responsibility towards environmental protection.



Resilience

- Resilience as a concept appeared at the same time as sustainable development, but in the field of psychology (characterized the behavior of individuals).
- Since the mid-90s, interest in this area has expanded to the field of pedagogy.
- At the end of the same decade environmental issues and sustaining the ecosystem entered the focus of resilience
- This term was later developed into the whole concept.
- In the second half of the 2000s resilience has become a subject of research from the standpoint of economic trends and fluctuations in the economy.

Resilience

- At the Council of Ministers of OECD members in Paris in 2014, the Overview Paper on resilient Economies and Societies passed.
- According to this document four pillars of resilience are demarcated:
 1. Economic,
 2. Social,
 3. Institutional and
 4. Environmental.

Resilience

- Recent economic crisis has highlighted the importance of strengthening the resilience of the economy, society and institutions, as well as the necessity of ecological resilience.
- As a multidimensional phenomenon, this concept involves understanding the causes of risks and opportunities for the development of learning through struggle with problems or learning from previous experience.
- There is no single methodology of measuring the level of resilience.
- The emphasis is placed on tying all four dimensions of resilience, which increases the capacity of individual, organizational and systemic capacity to recover from shocks in a speedy and efficient manner.

Concluding Remarks

Potential similarities to be explored:

- ❖ Multidimensionality of both concepts
- ❖ The indicators for measuring sustainable development are grouped in the same way as the pillars of resilience
- ❖ Sustainable Kingston has 4 pillars that are quite similar to the pillars of resilience
- ❖ Although the concept of sustainable development has three pillars, two pillars are the same as for the resilience (Economic and Social)
- ❖ The principles of both concepts are based on international documents

Concluding Remarks

Potential differences to be explored:

- ❖ Resilience involves understanding the causes of risks and opportunities to learn through struggle with problems or learning from previous experience
- ❖ Even though Agenda 21 and other important documents were adopted, sustainable development essentially never taken root, and did not really come down to the local level (there are also LA21).
- ❖ Due to the defense against global issues resilience came to practice?