

METHODS OF FORMATION SCENARIOS FOR SOLVING THE PROBLEMS OF SUSTAINABLE DEVELOPMENT OF REGIONS

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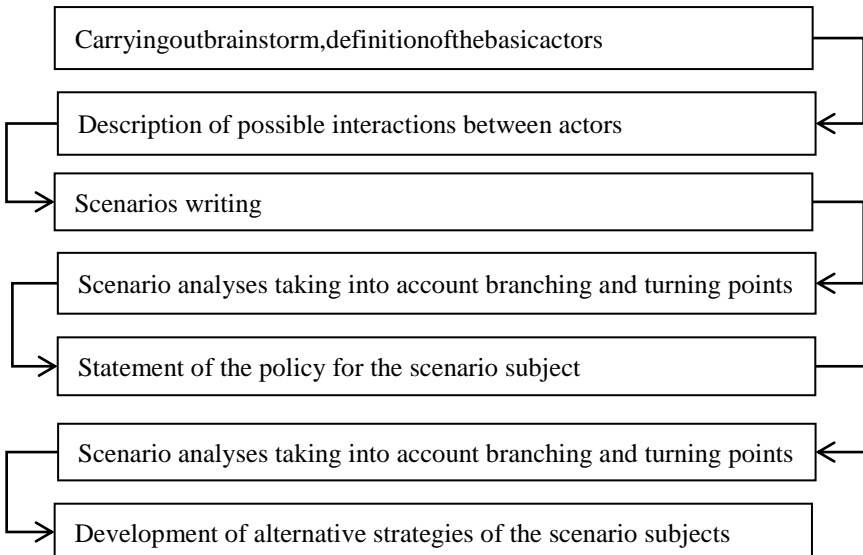
One means of to achieve sustainable social development is the efficient manage resources, both natural and information. Many authors are working on a system of environmental monitoring. There are systems of economic, environmental and social monitoring. To create a universal monitoring system, which will cover all of these factors becomes necessary.

One way to support the creation of the designer-to-user message is to help designer express what they want to say, before going into how the designer’s deputy will say it. Scenarios can be used throughout the development process, starting from the analysis of the domain and the users’ tasks and characteristics. A major goal of using scenarios at this stage is to explore or confirm, together with the users, the designers’ understanding of the goals and tasks to be supported [1].

Foresee all possible scenarios in a single information system are virtually impossible. This is why scenarios are designed.

The developer describes the actors, environmental factors and possible events. He also describes the sequence of interaction between the actors with the surrounding objects.

The sequence designs of systems, based on the scenario analysis, are discussed in the following diagram:



Thus, the scenario approach allows the user to foresee all possible situations and possible exceptions. Using a scenario approach to projecting the system makes it more user-friendly human-computer.

The human brain cannot handle a large number of complex operations, and for the adoption integrated solutions for sustainable development of society must be quick and effective decision-making at district, region or nationwide.

References:

1. Simone DinizJunqueira Barbosa. Designing and Evaluating Interaction as Conversation:a Modeling Language based on Semiotic Engineering.-Departamento de Inform tica, PUC-Rio,-2007.