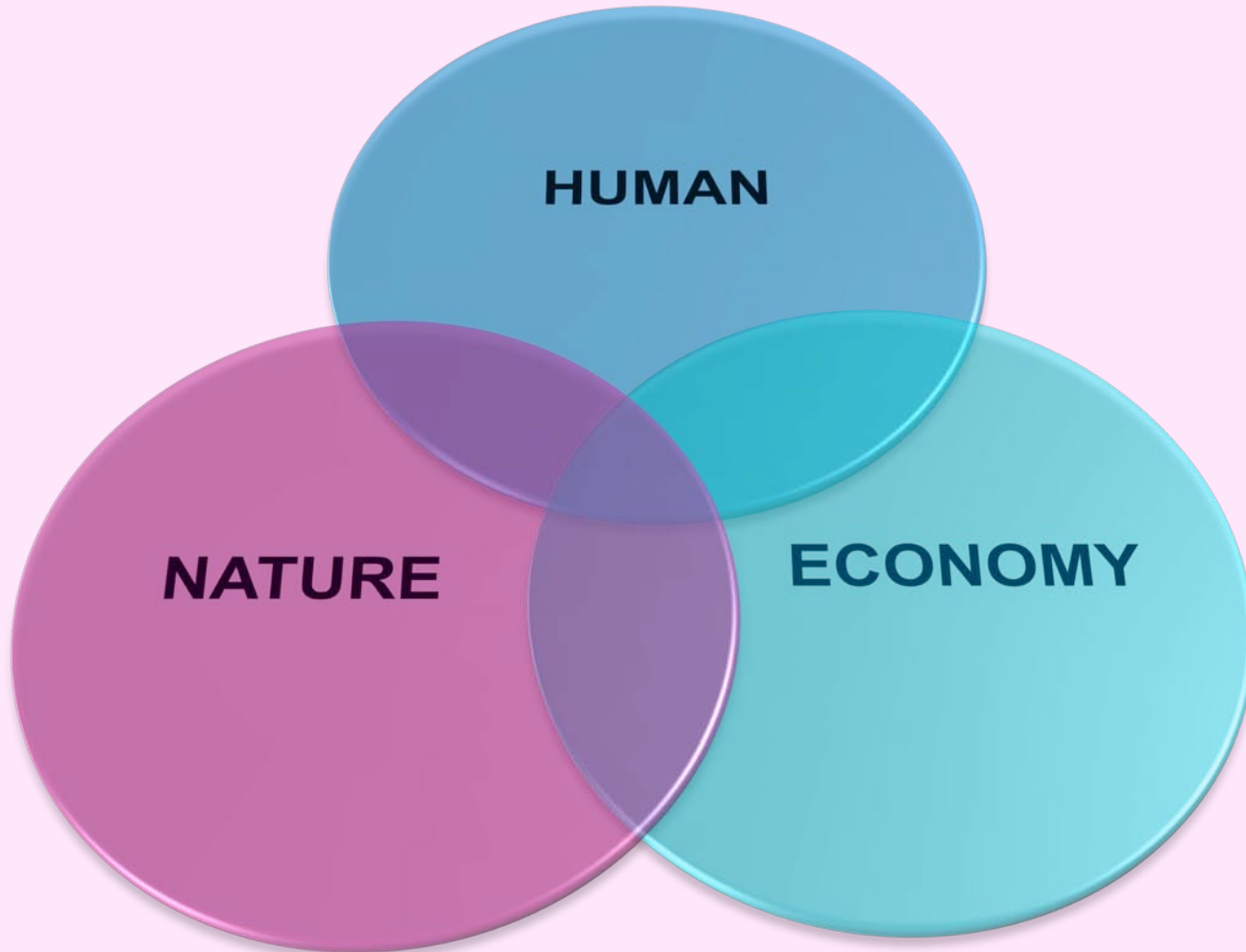# INFORMATION SUPPLY OF ENVIRONMENTAL SAFETY OF PROJECTED OBJECTS IN A SUSTAINABLE DEVELOPMENT CONTEXT

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THE PARITY OF RELATIONS IS BASIS OF SUSTAINABLE DEVELOPMENT IN A TRIAD

HUMAN

NATURE

ECONOMY

The information of environmental safety of projected object is provided with system of estimations influence on environment by objects

Authors develop methodology of quantitative estimations of influence for:

- projected manufacture on all components of environment

1

- the person

2

DEVELOPED METHODOLOGY INCLUDE

SYSTEM OF THE INDICATORS

UNIFIED INDICATORS

RISKS

THE QUANTITATIVE ANALYSIS OF ENVIRONMENT POLLUTION INCLUDES FOLLOWING STAGES:

Calculation of the index of environment pollution of components

The decision–making about an acceptability of the project on the basis of the resulted index

Forming of the unified index of contamination

THE MAINTENANCE OF WORKING CAPACITY OF SYSTEM CREATION REQUIRES:

databases on maintenance of a standard condition of the natural, technique and social environment which includes standard documents, acts, specifications of maximum permissible concentration of polluting substances etc
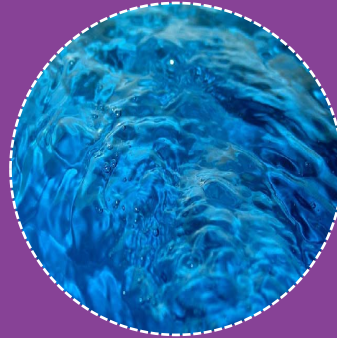
monitoring systems on air, water and geological environments.

DATABASE FOR THE ESTIMATION OF SAFETY IN RELATION TO CONTAMINATION OF ENVIRONMENT INCLUDE

1)actual or prognosis concentration of pollutant
2)value maximum of possible concentration
3)coefficients which take into account the class of danger of pollutant

ATMOSPHERE

1)concentration of component
2)set size of norm for the proper water object

HYDROSPHERE

1)actual concentration contaminating the pollutant in soil
2)Background concentration contaminating the pollutant in soil

SOIL

IT IS POSSIBLE TO DRAW A CONCLUSION ON NECESSITY AND IMPORTANCE OF THE GIVEN METHODOLOGY FOR DESIGNING OF OBJECTS OF ECONOMIC ACTIVITIES ABOUT MAINTENANCE OF A STANDARD CONDITION OF ENVIRONMENT IN A SUSTAINABLE DEVELOPMENT CONTEXT

THANK YOU FOR ATTENTION