

SOCIO-ECONOMIC IMPACT AND PERCEPTION ANALYSIS OF THE NUCLEAR POWER PLANT PROGRAMME IN POLAND

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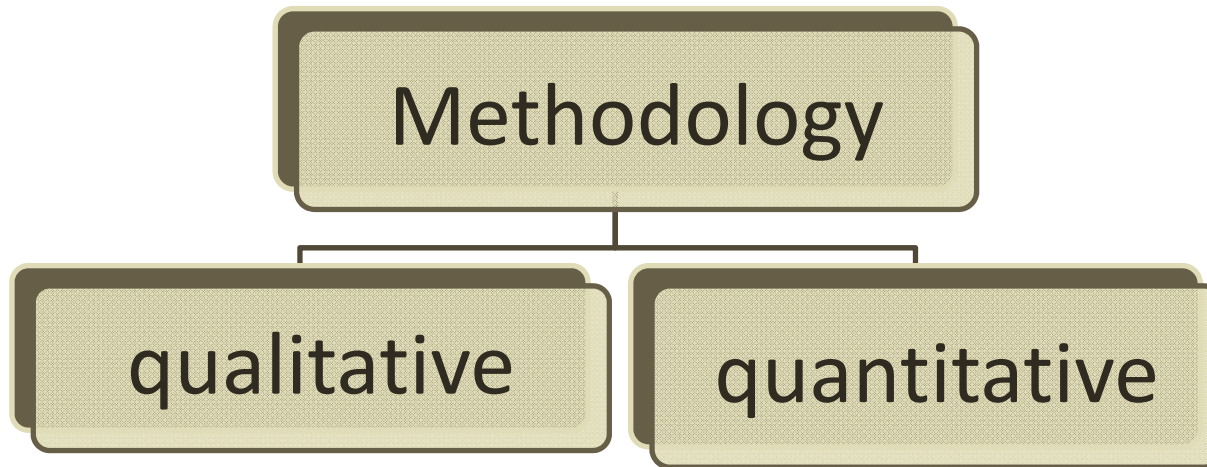
A social research

The aim is to present an approach to a social research focused on :

- stakeholders activity,
- key-experts knowledge
- perceived information of different groups.

Studies of peoples' perceptions of technological risk are crucial in respect to the nuclear power plants (NPPs) impacts' assessment.

It is extremely important that impact assessment of a NPP programme in Poland should be analyzed through socially-valued aspects of the physical environment, cultural values and the social structure itself.



- The interviews - conducted using Q-methodology to measure respondents' opinions, beliefs, attitudes towards NPP.
- The Focus Group Interviews - based on discussion with stakeholders in proposed site locations.

An economic impact

- The aim of the paper is also an assessment of economic impact of nuclear programme in Poland.
- For this purpose two different economic models: the general equilibrium model (CGE) and Input-Output (IO) model were used.
- In the context of energy policy applications, CGE model can be complementary to engineering model - while CGE model answers questions like „what might be the impact of some policy on the macro level (general equilibrium)?”, engineering model shows effects of policy on the electricity (or other energy) market (partial equilibrium).

A mechanism of fixed prices for the energy production with NPP- the structure of electricity generation in 2030

