

Monitoring sustainable energy development (*Environmental Impact Assessments*, pp. 1-54,
Nova Science Publisher, 2009).

Authors: Dalia Streimikiene

Abstract. The aim of the chapter “Monitoring sustainable energy development in the country” is to analyse various tools for monitoring sustainable energy development in the country and to develop new tools seeking to enhance synergies between energy and environmental policies. The system of indicators and integrated indices will be developed for monitoring sustainability of energy sector development and applied on Lithuania. The main tasks of the chapter are the following:

- To define the main characteristics of sustainable energy development;
- To describe EU sustainable energy policy priorities;
- To analyse monitoring tools, such as indicators systems, integrated indices, multi-criteria analysis tools for monitoring implementation of sustainable development strategies;
- To develop comprehensive system of indicators and integrated indices for monitoring sustainability of energy sector development;
- To present Lithuanian case study on implementation of developed monitoring tools for sustainable energy development and sustainability assessment of policies;
- To develop recommendations for energy and environmental policies harmonization and synergies for Lithuania.

Keywords. Sustainable energy development monitoring, multi-criteria analysis.