Analysis and design of Integrated information system of environmental protection.

Abstract

Integrated information system of environmental protection is formed by demands from different directions. Demands come from company structure, company management, specific kind of company production etc. From the other side demands come from state legislative and international norms and rules. My work is based on these theoretical materials. This work hits areas of environmental management, quality management and process management.
I do analysis and design of information system of environmental protection for bussiness organizations. Analysis starts from theoretical materials of environmental and quality management (ISO 14000, ISO 9000, EMAS, EMAS II, etc.). I'm expecting, bussiness organizations, which wants to establish environmental management today, they have implemented quality managemnet yet. If not, they will establish both systems together or in short time period. This condition enables close connection between both systems.
Analysis and design is based on object-oriented technology. The product of analysis is five-layers model of relevant part of information system. Phase of design refines and modifys this model for sucessive implementation. The design is being created for full range of potential implementations. Related moves necessary for specific implementation are described in the end of this work.

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