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Project Title: Establishing and directing the future research of the electricity industry in line with the mission of Niroo Research Institute with the approach of reviewing documents

Department:	Department of Foresight and Policy Studies	Employer:	Niroo Research Institute
Project/Program Manager:	Ali Chaparak	Executor:	Hamid Reza Afzali
Project Financial Code:	172113	Project Quality Code:	PPRPN07
Type of Project/Program:		Assistant:	Research assistant

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Project Goals:

Developing an analysis structure to review and assess previous exercises Studying and analyzing previous foresight activities Mapping various programs in order to dedicate insights about S&T foresight activities of various NRI's research groups. Proposing structures, process, tactics and strategies to integrate further programs and to support NRI's visions

Abstract:

Futures Studies (FS) is a scientific field whose concerns are to project the paths stand ahead in order to provide a better life, meet goals and optimize the exploitation of resources due to resource limitations. FS generally is divided into two main categories: (1) prediction and (2) foresight. Prediction deals with drawing future based on historical analysis and often results in a single point anticipation. Instead, foresight is defined as a participatory process aimed at projecting futures (there is more than one future and preparing for alternative futures may help decision makers to decrease risk level due to having a wide view of probable events which leads to various futures). Studying previous S&T foresight activities reveals information that help decision makers to redesign policy making templates aimed at dealing with new emerging challenges. To propose policy recommendations about further S&T foresight programs, this research proposes a three-phased process to: (1) study historical S&T foresight activities, (2) analyzing the state of selected activities to discover weaknesses and potential solutions and finally (3) designing phase is aimed to provide strategies and structures in order to improve further S&T foresight activities through an expert based process.

Steps and Methodologies:

Phase number	Title/description
1	Internal scan
	1-1 Review of the current situation of the research institute Classification of prospective studies and collection of documents
2	Studies of similar centers
	2-1 Provide a model for studying and evaluating existing documents 2-2 Reviewing and analyzing the structure of the existing documents of the research institute by studying the documents and holding meetings with the informants of the research institute Analysis of the current situation Challenge analysis, strengths and weaknesses
3	The proposed structure
	1-3 Propose guidelines for the development and integration of future prospective studies 3-2 Compilation of the final report of analysis and evaluation of futuristic documents

Main Results (technical outputs, patents, papers, books, reports, etc.):

Proposing structures, process, tactics and strategies to integrate further programs a Findings: Assessment of previous foresight activities. Optimize structure for foresight group to support NRI's visions. Proposing an optimized structure to develop and integrate various studies.