

# The Infrastructures, Programs and the Status of Tenant Companies in Steel Technology Park: A Case Study in Isfahan Science & Technology Town

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## Abstract

The increasing growth in steel industry application in one hand and the need for technology-based development in the other make it necessary to establish, strengthen and develop technology SMEs in the field of steel industry. These SMEs are expected to meet the technical needs while grow with industry.

STPs are considered as organizations for developing SMEs through out the world. The knowledge-based economy has been selected as Iran's economic development model in the 20-year vision development plan of the country. Special attention has been given to STPs in the 4<sup>th</sup> economic, social and cultural development plan of the I.R. of Iran. The policies of Isfahan Governorate created the necessary incentives for ISTT, Mobarakeh Steel Complex and Isfahan Steel Mill to plan for establishing Steel Technology Park bringing in this way the STPs tools at the service of steel technology and making it possible for this industry to have a huge growth.

Meanwhile due to the existence of the largest steel making companies and the related industries in Isfahan the city was named the steel pole in Iran.

The steel technology park is host to some engineering service companies, engineering designing and research companies, university research centers, public and industrial research centers that are active in steel and the related industries which are to meet the technological, research and engineering service needs of Iran and the neighboring companies. Therefore, the founders of this park are making any endeavor to increase the number and the variety of the knowledge-based companies in the park. Providing the strategic program of steel technology park and paying enough attention to its major components form the major part of this paper.

## 1- Introduction

Research has been the basis of developments in the world during the last century. The developed countries are those that have paid enough attention to science and have made necessary investment in research. In these countries that are technologically developed research is of major concern. Based on the experience there is a direct link between R&D and the economic development of the countries, the industrial growth also calls for the close cooperation between public and private sectors so that both get involved in performing the activities.

On the other hand, all countries need to transfer and create technology to achieve self-sufficiency. The technology receiver unit should have technical liability to access efficient technology transfer and this would be achieved only through a balance between basic and applied research. Therefore, those

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