

TVEL FC Development Strategy

TVEL FC Development Strategy Updated in 2013.

GRI G3.1: 4.9

Growth on FE NFC Markets

By 2030 the Company intends to control 41%* of the global market of products and enrichment services and 20% of the nuclear fuel fabrication market by making top-quality traditional products and expanding to the emerging nuclear markets.

Main core projects of the FC that would help retain and expand the market share:

Project	Goals/Indicators
Creation of brand new types of fuel	Nuclear fuel (NF) for reactor plant (RU) BREST-OD-300, RU BN-800, REMIX
Creation of the pilot demonstration power complex (ODEK)	Creation of RU BREST-OD-300, nitride uranium-plutonium hybrid fuel fabrication modules and processing of spent nuclear fuel (SNF)
MOX fuel production	Organization of MOX fuel production for RU BN-800 at the Federal State Unitary Enterprise "Mining and Chemical Combine" (FGUP MCC)
TVS-KVADRAT	Enter global market of NC for PWR
FE NFC & BE NFC package offer	Long-term storage of spent nuclear fuel (SNF) followed by processing
Creation of fuel with brand new consumer properties	VVER-1000: TVSA-12, TVS-4A, TVS-4M; VVER-440: RK-3, RBMK: TVS-C
Fabrication Plant in Ukraine	Build a fabrication plant in Ukraine that will work under the Russian technology

Second Core Business Development

The Fuel Company focuses on innovations, seeing them as a tool that will strengthen its competitive position on the markets of machine-building, chemical industry, metallurgy and new energy sector".

Enhancement of Efficiency

TVEL FC continuously promotes technological and organizational improvements in its enterprises to reduce the production costs and to retain competitive edge against other market players".

Social and Ecological Acceptability

The Fuel Company is committed to promotion of sustainable social welfare in the towns of its presence, ensuring environmental safety, rational use of natural resources and nuclear materials, and removal of negative impact caused by the enterprises in prior years".

* Including 22% – supplies via JSC Technabexport.

** Chapter 4 Section "Intellectual Capital".

*** Chapter 4 Section "Manufactured Capital".

**** Chapter 4 Section "Environmental Impact (Natural Capital)" and Section "Social Capital".

