



# SUPEROX-INNOVATIONS LTD.

## FOUNDED

in **2011**

Daughter company of SuperOx CJSC

## GOAL OF THE PROJECT

Development of technologies and production of second-generation high-temperature superconductors (HTSC) based on thin-textured coatings.

## PEOPLE

### CHAIRMAN OF THE BOARD OF DIRECTORS:

Andrey P. Vavilov, Doctor of Economics,  
SuperOx CJSC

### HEAD OF RESEARCH:

Andrey R. Kaul', Doctor of Chemistry,  
SuperOx CJSC

## Applications

1

In electrical power engineering – production of cables, generators, current limiters, transformers.

2

In transport – production of magnets based on HTSC for high speed trains (MagLev systems).

3

In defence industry – ship engines, electromagnetic armament, trawls, systems for HTSC-based demagnetisation of surface ships and submarines.

4

In research equipment– HTSC-based production of colliders, current leads.

5

In telecommunications – development of power supply and communication systems for DPC (data processing center) servers and supercomputers.

