

## RECOMMENDATIONS FOR MODERNIZATION OF THE SUSTAINABLE DEVELOPMENT STRATEGY OF JSC "NARXOZ"

3.4

#### 15.06.2020

### TASKS OF MODERNIZATION

- To develop measures (administrative, institutional, economic and financial) to enhance competitiveness of the University in order to train professional personnel for SD of Kazakhstan and other Asia-Pacific countries based on an assessment of the SD potential;
- To develop and implement the first model of the "Green" University in the Republic of Kazakhstan and the Asia-Pacific region

# Stages of modernization

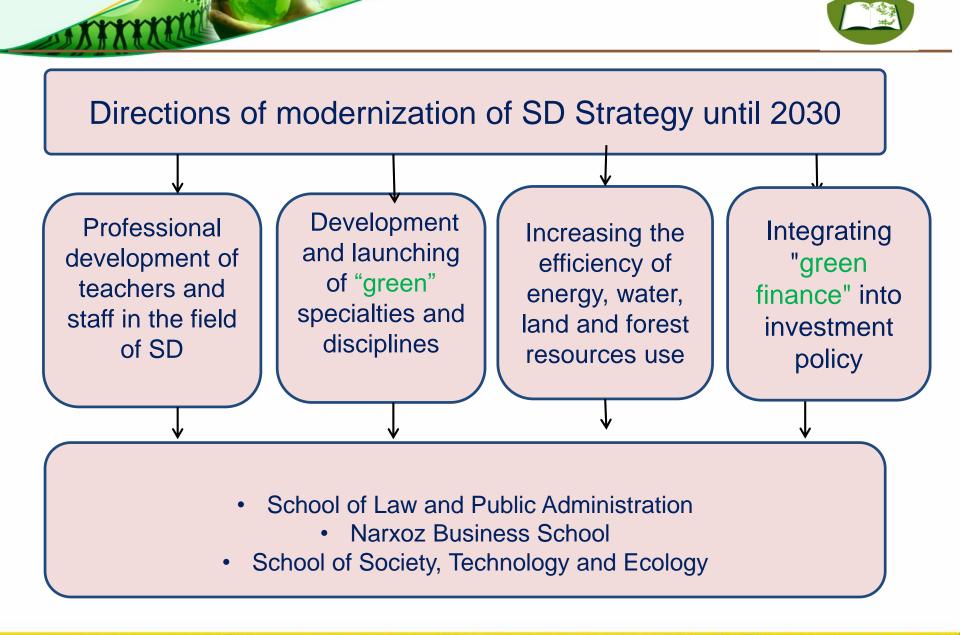
- Inventory (assessment) of training programs to determine its relevance to the needs of SD of the national economy;
- Inventory of research programs;
- Assessment of the teaching staff potential for understanding and relevance to SD qualifications;
- Integration of sustainability related values, skills and knowledge across disciplines both within curricula and learning outcomes;
- Creation of a working group to develop Sustainable HEI network for Central Asia;
- Seek to develop "inter-sectoral" approach to HEIs;
- Development of University development scenarios taking into account the principles of SD up to 2030;
- Development of the Project proposal on NARXOZ carbon footprint calculation by support of the IFIs ;
- Directions of integration into global and regional (CA) networks of leading "green" universities of the world.

## Methodology

- Rationale and selection of key indicators in accordance with international experience and UN recommendations in the field of environmental education and the SD;
- Integration of indicators into the SD Strategy;
- Development of scenarios for improving the competitiveness of the University, taking into account modernization on the principles of SD;
- Determining the competitiveness of graduates and possible risks

# **Recommended Indicators**

- Share of graduates on environmental specialties in the total amount of gratuities the SD disciplines (economics of natural resource use, climate economics, "green" finance, eco-management, eco-marketing, etc.) in the total volume of disciplines;
- GHG emissions per 1 PPP/student;
- Energy intensity per 1 kWh;
- Share of the Forest Fund in the Land Fund of the University;
- Water consumption per 1 PPP/student;
- Share of municipal solid waste (MSW) per 1 PPP/student;
- Share of IT in the total amount of disciplines;
- Share of IT in the total amount of educational services;







# «Think global, act local!»

+(7172) 277293, 277295

www.green-academy.kz

info@green-academy.kz