



THE MINISTRY FOR  
EDUCATION AND  
SCIENCE OF THE  
RUSSIAN FEDERATION



DON  
STATE  
TECHNICAL  
UNIVERSITY

# DON STATE TECHNICAL UNIVERSITY

[www.donstu.ru](http://www.donstu.ru)

# ROSTOV-ON-DON

## SOUTHERN BUSINESS AND INDUSTRIAL CAPITAL

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**1 352 000**

population

**348 km<sup>2</sup>**

area

**90 000+**

enterprises and companies

**TOP-10 AWARDEE**

“Investment Attractive City”

[www.rostov-gorod.ru](http://www.rostov-gorod.ru)

### STRATEGIC CLUSTERS

- machine engineering and equipment
- food industry
- aircraft engineering
- chemical industry
- light industry
- metallurgy



# DON STATE TECHNICAL UNIVERSITY

## HISTORY

**1930**



North-Caucasus Institute of  
Agricultural Machinery Building

**1992**



Don State Technical University

**2016**



The Flagship University

## TODAY



**5 000+**  
staff



**6**  
branches



**45 000+**  
students



**2 829**  
international  
students



# DSTU STRUCTURE

5



fields of study

ARTS & HUMANITIES

LIFE SCIENCES &  
BIO MEDICINE

NATURAL SCIENCES

SOCIAL SCIENCES

ENGINEERING & IT



24

faculties

134

departments

158

study programs

## LIFELONG AND LIFEWIDE LEARNING

PRIMARY  
EDUCATION

SECONDARY  
EDUCATION

PREPARATORY  
EDUCATION

HIGHER  
EDUCATION

POST -  
GRADUATE  
PROGRAMS

UPGRADING/  
RETRAINING  
PROGRAMS

VALIDATION OF INFORMAL AND NON-FORMAL EDUCATION



# CORPORATE DEPARTMENTS

## UNIVERSITY-BUSINESS COLLABORATION



**TRANSPORT SYSTEMS AND  
LOGISTICS**



**MULTIMEDIA  
COMMUNICATIONS AND  
TECHNOLOGIES**



**INDUSTRIAL METROLOGY**



**AIRCRAFT ENGINEERING**



**AGRIBUSINESS PRODUCTS  
PROCESSING TECHNOLOGIES  
AND EQUIPMENT**



**DRIVE SYSTEMS**



**ORTHODOX CULTURE AND  
THEOLOGY**



**AUTOMATED CONTROL  
SYSTEMS**



**RADIO DEVICES AND SYSTEMS  
ENGINEERING AND  
PRODUCTION**



**DESIGN AND ENGINEERING  
SUPPORT OF DRIVE  
SYSTEMS PRODUCTION**



**HEAT AND GAS SUPPLY  
SYSTEMS**



**AGRICULTURAL MACHINERY  
ENGINEERING  
AND PRODUCTION**



**FASHIONABLE CLOTHES DESIGN  
AND PRODUCTION**



**POWER PLANT ENGINEERING**



**STEEL AND ITS ALLOYS  
PRODUCTION TECHNOLOGIES**



**RADIOLOCATION COMPLEXES  
AND NAVIGATION SYSTEMS**



**TRANSPORT MACHINERY**



**TECHNICAL MEANS OF FISH  
FARMING**



**DESIGN AND PRODUCTION TECHNOLOGIES OF  
SPACESHIP OPTOELECTRONIC ORIENTATION DEVICES**



**NON-FERROUS METAL PROCESSING**

# PARTNER COUNTRIES

## EUROPE

-  Spain
-  Germany
-  Belgium
-  Belarus
-  Denmark
-  Estonia
-  Finland
-  France
-  Italy
-  Poland
-  Portugal
-  United Kingdom
-  Czech Republic
-  Ukraine





## ASIA

-  Armenia
-  Azerbaijan
-  China
-  Georgia
-  India
-  Indonesia
-  Iran
-  Israel
-  Japan
-  Kazakhstan
-  Kyrgyzstan
-  Moldova
-  Palestine
-  Sri-Lanka
-  Tajikistan
-  Turkey
-  Uzbekistan
-  Vietnam

## AFRICA

-  Algeria
-  Egypt
-  Ghana
-  Kenya
-  Namibia

## AMERICA

-  USA
-  Chile
-  Brazil
-  Venezuela



# INSTITUTIONAL NETWORKING

## INTERNATIONAL PROJECTS

**12** Tempus IV, Erasmus+



**TEMPUS**  
Erasmus+

### EDUCATION

Social work

Material science

Ecology education

Discover Europe

Jean Monnet Chair

### RECOGNITION

Validation of non-formal  
and informal learning

Independent quality  
assurance of programs

Electronic quality  
assessment of programs

Qualification framework  
for "tourism"

### REGIONAL DEVELOPMENT

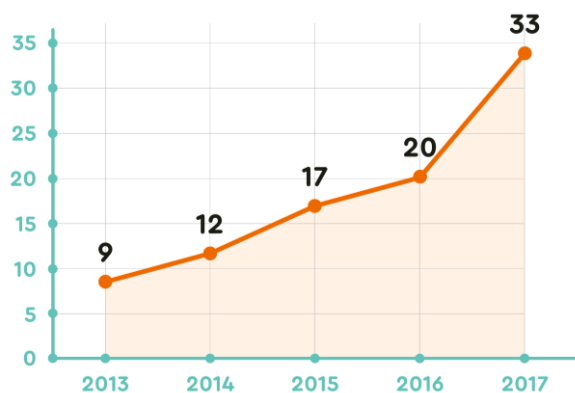
Employability centers

University-to-Business  
partnership

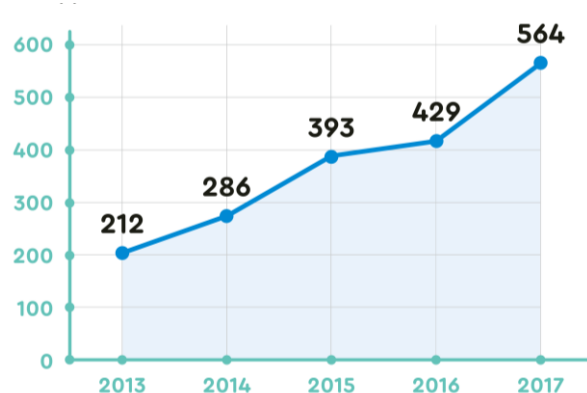
Spin-off companies  
network

## ACADEMIC MOBILITY

Number of programs



Number of participants



Assessment of  
Higher Education  
Learning Outcomes



SPACE  
Network



# INSTITUTIONAL NETWORKING

**BOLOGNA CLUB** [www.bc.donstu.ru](http://www.bc.donstu.ru)



**58**

Russian  
HEIS

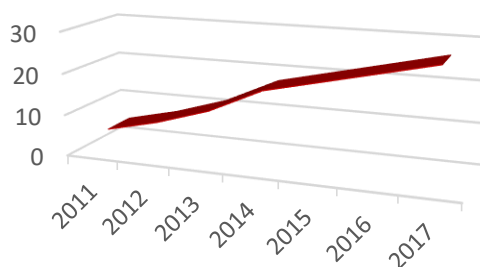
**23**

international  
partners

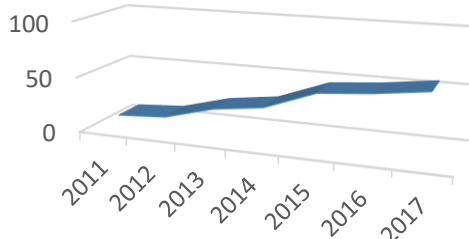
## ASSOCIATED PARTNERS:

- ASIIN (Germany)
- NQA (UK)
- EURASHE
- The Holy See
- Flemish community

## FOREIGN PARTNERS



## RUSSIAN FEDERATION





# MEMBERSHIP IN INTERNATIONAL ASSOCIATIONS

## THE CDIO INITIATIVE



(Conceive, Design,  
Implement and Operate)  
An innovative educational  
framework for producing the  
next generation of engineers



**154**

HEIs

**42**

countries

## DSTU

coordinator of CDIO standards and principles  
dissemination

## THE MAIN GOAL:

bringing authentic engineering challenges to inspire next  
generation of engineers



**АТУРК**

中俄工科大学联盟

АССОЦИАЦИЯ ТЕХНИЧЕСКИХ УНИВЕРСИТЕТОВ РОССИИ И КИТАЯ  
ASSOCIATION OF SINO-RUSSIAN TECHNICAL UNIVERSITIES (ASRTU)

Association of Sino-Russian  
Technical Universities  
May 2016



**SRSPA**

SILK ROAD HI-TECH PARKS ASSOCIATION

Silk Road Hi-tech Parks  
Alliance  
June 2016



# CENTRE OF EXCELLENCE



## **CENTRE OF EXCELLENCE «ADVANCED MATERIALS»**

Multi-layer composite materials for aircraft industry and medicine



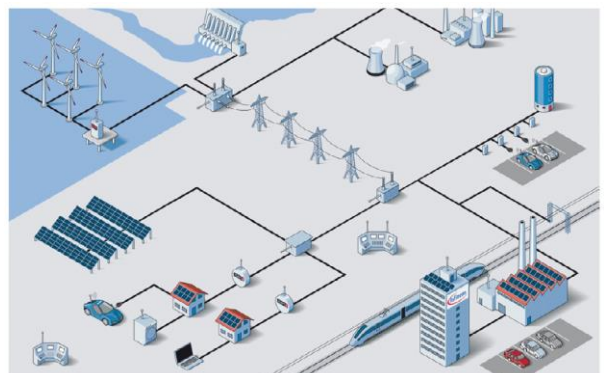
## **CENTRE OF EXCELLENCE «ADVANCED ROBOTIC MACHINES AND COMPLEXES »**

Machines for balancing flexible rotors development, high technology multi camera systems and unmanned aircraft for threat detection



## **CENTRE OF EXCELLENCE «BIOTECHNOLOGIES»**

Next generation agricultural machines and innovative solutions for ecological restoration of regional river basins

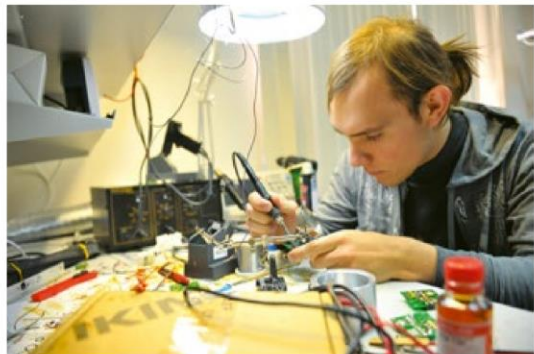


## **CENTRE OF EXCELLENCE «INTELLIGENT ENERGY»**

Innovative technological solutions for energy saving for businesses

## RDI AND SPIN-OFF POOL

- 4 research and education centers
- 30 labs incl. co-departmental  
(Camozzi, Mitsubishi, Alcoa, Festo, Kovosvit MAS, etc.)
- Rosatom Nuclear Energy Center
- Nanotechnologies Education Park
- South Russia Engineering Center
- Robotics Resource Center
- Technopark
- Agrotechnopark
- 10 spin-off companies



# DSTU FACILITIES

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## CONGRESS HALL

- concert hall – 1500 seating capacity
- multimedia rooms
- press conference venue
- multimedia equipment
- multi-language broadcasting
- satellite TV link-up



## MEDIAPARK

- Media Lab (Radio and TV broadcasting)
- production center
- design studio
- TV school
- cartoon studio

## BUSINESS-INCUBATOR

- one-stop operation principle
- access to industrial laboratories
- project promotion support
- open-plan area
- mobile equipment and facilities
- ideas and experience exchange platform
- excellent environment for business development







## STUDENT HEALTH AND SPORTS COMPLEX «RADUGA»

**4** residences **5** sports fields

**1500** person holding capacity

**700** seat conference room

## DSTU-REAL MADRID ACADEMY

### Project overview

- promotion of civil responsibility, tolerance and social activity
- Real Madrid methodical support, coach and manager training
- regional sports infrastructure development



# INTERNATIONAL TECHNOLOGY TRANSFER CENTER



ЦЕНТР  
ТРАНСФЕРА ТЕХНОЛОГИЙ

- regular webinars with business
- show-rooms and partner enterprises exhibitions
- R&D catalogue /online promotion
- project from a start-up to the final implementation





## 36

student sports  
teams

### 2015 - 2017

ALMA Cup  
winners

## TEAMS:

- football
- track-and-field athletics
- basketball
- handball
- cheerleading for both kids and adults, etc.



# OUR PARTNERS

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**РОСТСЕЛЬМАШ**



## CONTACTS

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