



THE MINISTRY FOR
SCIENCE AND HIGHER
EDUCATION OF THE
RUSSIAN FEDERATION



DON
STATE
TECHNICAL
UNIVERSITY

DON STATE TECHNICAL UNIVERSITY

www.donstu.ru

ROSTOV-ON-DON

SOUTHERN BUSINESS AND INDUSTRIAL CAPITAL



1 352 000

population

348 km²

area

90 000+

enterprises and companies

TOP-10 AWARDEE

“Investment Attractive City”

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



46 000+

students

2 606

international
students



6

branches

26

buildings

+

6 colleges

Technical lyceum

Gymnasium

Don cadet school

Kindergarten

DSTU STRUCTURE

5



fields of study

ARTS & HUMANITIES

LIFE SCIENCES &
BIO MEDICINE

NATURAL SCIENCES

SOCIAL SCIENCES

ENGINEERING & IT



23

faculties

134

departments

341

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**



**HARDWARE AND SOFTWARE
SYSTEMS**



**NON-FERROUS METAL
PROCESSING**



**HEAT AND GAS SUPPLY
SYSTEMS**



**AGRICULTURAL MACHINERY
ENGINEERING
AND PRODUCTION**



**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**



**ECOLOGICAL INSPECTION AND
PERMITTING ACTIVITIES**



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



**AIRCRAFT SYSTEMS FOR SPECIAL OPERATIONS MANUFACTURING
TECHNOLOGY**

PARTNER COUNTRIES

EUROPE

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

ASIA

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

AFRICA

-  Algeria
-  Egypt
-  Ghana
-  Kenya
-  Namibia

AMERICA

-  USA
-  Chile
-  Brazil
-  Venezuela



INSTITUTIONAL NETWORKING

INTERNATIONAL PROJECTS

13 Tempus IV, Erasmus+



TEMPUS
Erasmus+

EDUCATION

Social work

Material science

Ecology
education

Discover Europe

Jean Monnet Chair

Engineering education

RECOGNITION

Validation of non-formal
and informal learning

Independent quality
assurance of programs

Electronic quality
assessment of programs

Qualification framework
for "tourism"

REGIONAL DEVELOPMENT

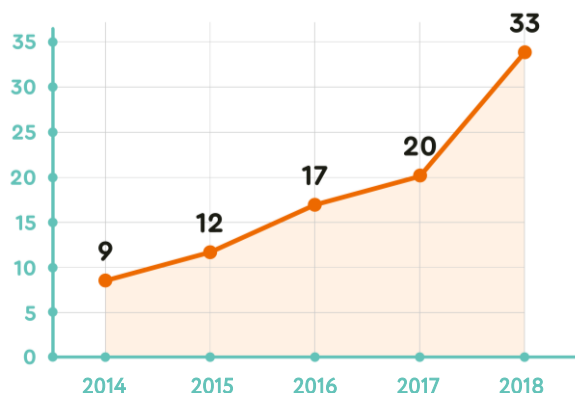
Employability
centers

University-to-Business
partnership

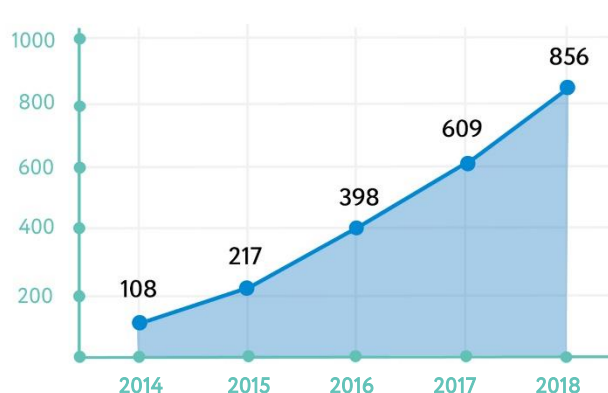
Spin-off companies
network

ACADEMIC MOBILITY

Number of programs



Number of participants



- DAAD
- FULBRIGHT
- MEVLANA

- CARGILL
- GEORGIUS AGRICOLA

- STIPENDIUM HUNGARICUM
- ERASMUS+ KA1

MEMBERSHIP IN INTERNATIONAL

THE CDIO INITIATIVE



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

154 **42**
HEIs countries

DSTU

coordinator of
CDIO standards
and principles
dissemination

THE MAIN GOAL:

bringing authentic engineering challenges to inspire next
generation of engineers



ASSOCIATIONS

SPACE European Network
for Business Studies and
Languages
September 2017



Association of Sino-
Russian Technical
Universities
Май 2016



Silk Road Hi-tech Parks
Alliance
June 2016



CENTRES OF EXCELLENCE



CENTRE OF EXCELLENCE «ADVANCED MATERIALS»

Multi-layer composite materials for aircraft industry and medicine



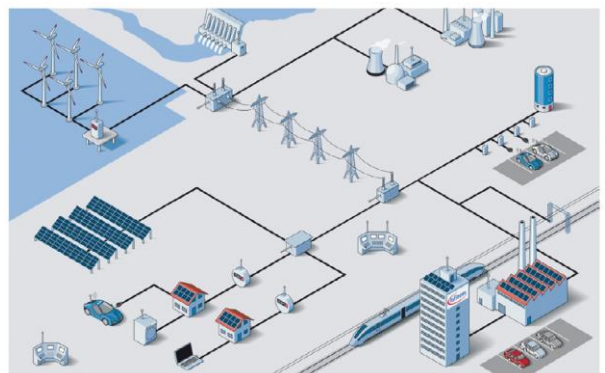
CENTRE OF EXCELLENCE «ADVANCED ROBOTIC MACHINES AND COMPLEXES »

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



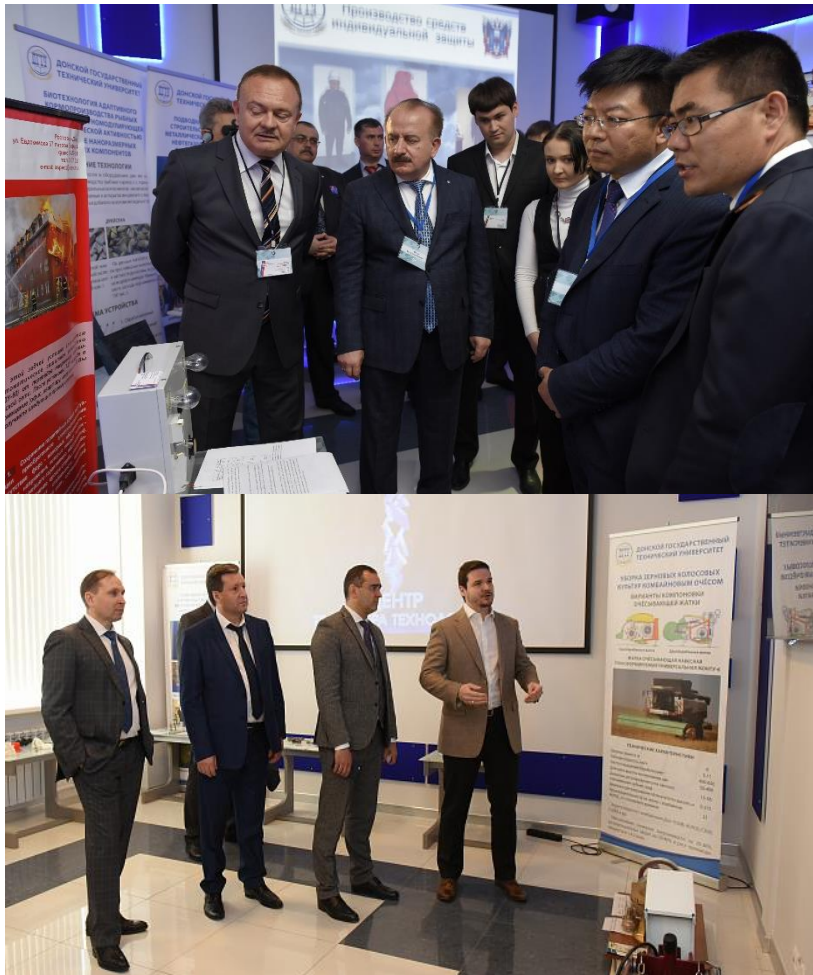
CENTRE OF EXCELLENCE «INTELLIGENT ENERGY»

Innovative technological solutions for energy saving for businesses

INTERNATIONAL TECHNOLOGY TRANSFER CENTER



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



DSTU FACILITIES

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
- Kvantorium



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



SOCIAL LIFE



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

2015 - 2018

ALMA Cup winners



STUDENT SPORT

36 student sports teams

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

SPORT FACILITIES:

- swimming pool
- football field
- athletic stadium
- horse-riding club
- yacht club



OUR PARTNERS

РОСТСЕЛЬМАШ



FUNDACIÓN
Realmadrid



РОСТВЕРТОЛ
ХОЛДИНГ ВЕРТОЛЕТЫ РОССИИ

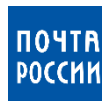


ALCOA

PHYWE



**MITSUBISHI
ELECTRIC**



BERIEV
AIRCRAFT COMPANY
a UAC company



BiZON

SIEMENS

CLAAS



**БАНК
ЦЕНТР-ИНВЕСТ**



LEMKEN



МЕДИА



GLORIA JEANS



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