

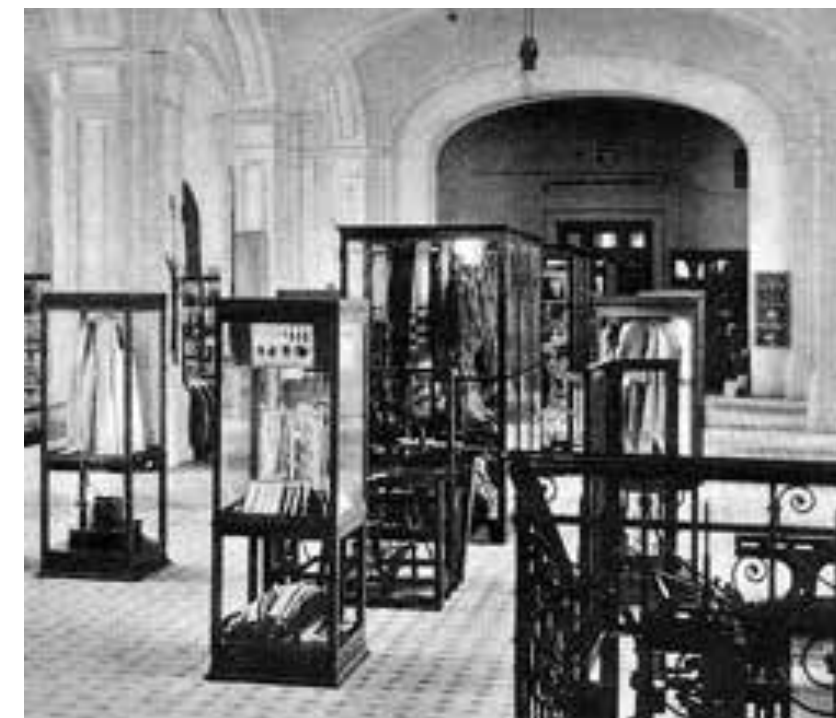
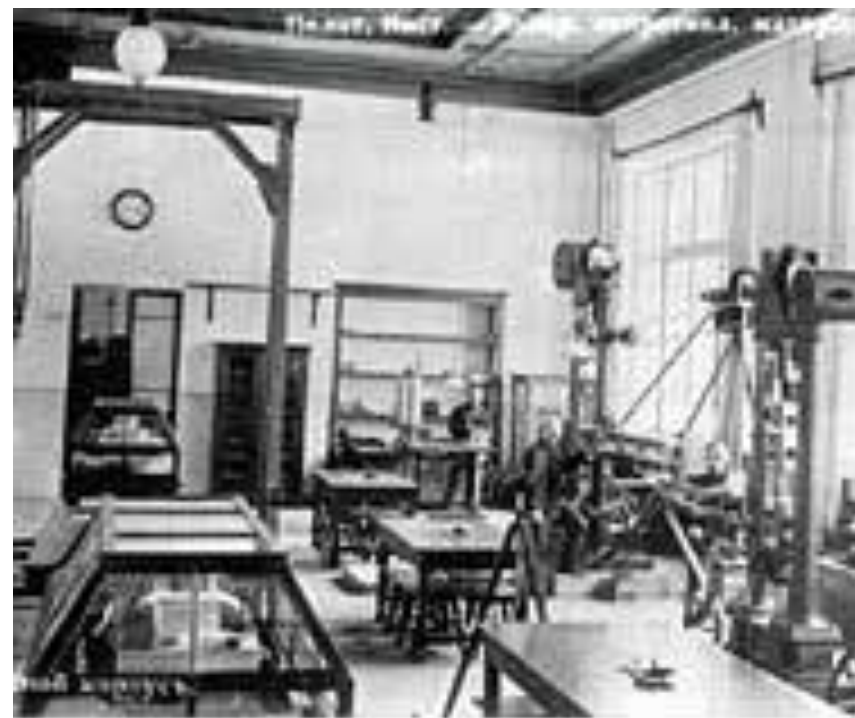
PETER THE GREAT ST. PETERSBURG POLYTECHNIC UNIVERSITY



POLYTECH

Peter the Great
St. Petersburg Polytechnic
University





Polytechnic University was founded in 1899

Sergey Yu. Vitte – the Prime Minister of Russia (1903-1906), initiated the idea of setting up Polytechnic Institutes in St. Petersburg, Warsaw, Kiev

Grand opening of the Polytechnic Institute took place on October 01, 1902

First Faculties:

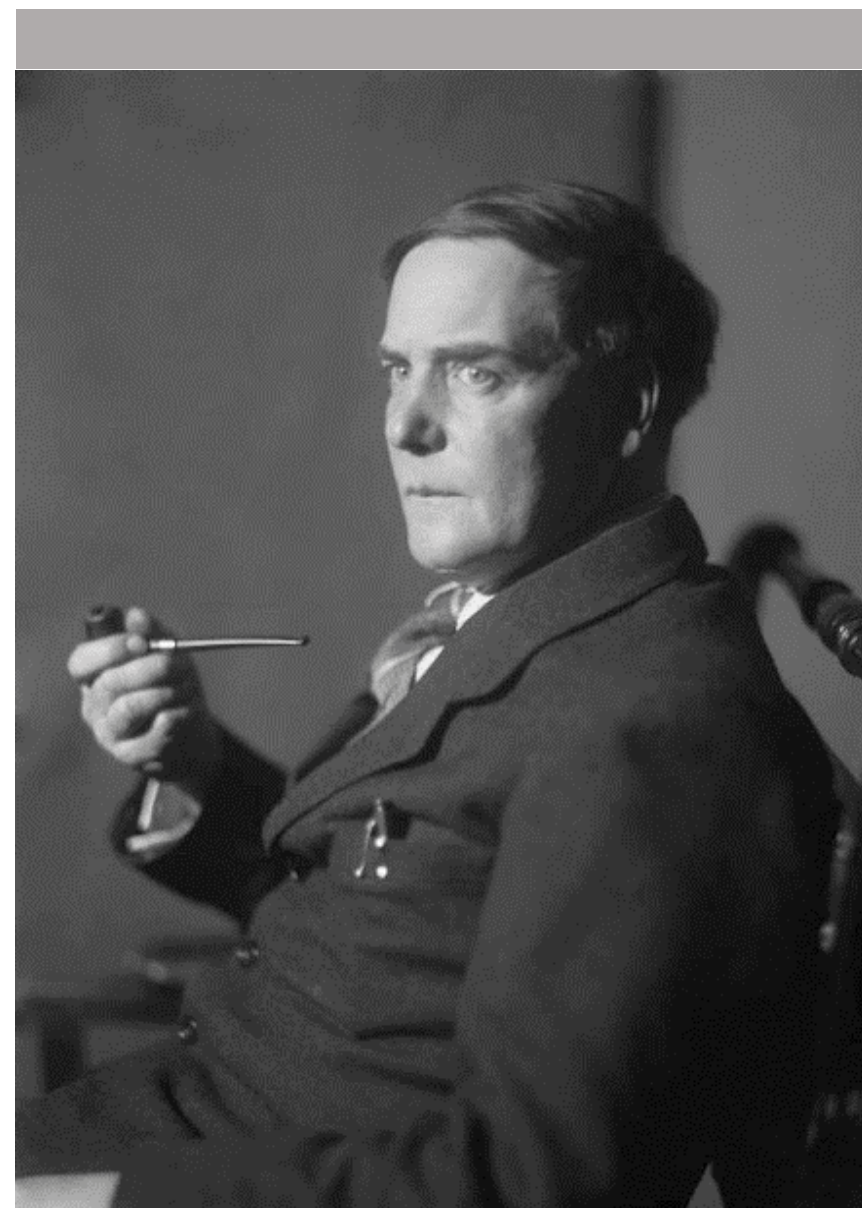
- Electrical Engineering Faculty
- Metallurgic Faculty
- Shipbuilding Faculty
- Economics Faculty

In January 1910, St. Petersburg Polytechnic Institute was named after the first Russian Emperor Peter the Great



Nicolay N. Semenov

●
Chemistry
1956



Pyotr L. Kapitsa

●
Physics
1978



Zhores I. Alferov

●
Physics
2000

SPbPU became the winner of the "Innovative University" contest held within the frame of the high-priority national "Education" project

University became participant of the Academic Excellence Project 5-100

SPbPU founded an Information Center in Madrid, Spain

A roadmap is developed to open SPbPU Information Centers in Vietnam and the Republic of Mali

2007

2010

2013

2016

2017

2019

2020

SPbPU received the honorary status of "National Research University"

SPbPU was the first Russian university to establish Representative Office in Shanghai, PRC

SPbPU celebrate its 120th Anniversary

TOP-3

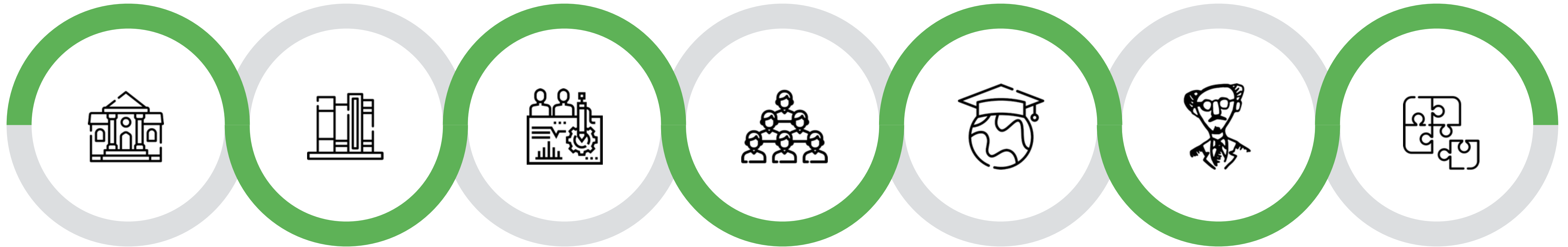
among Russian universities
by number
of international students

TOP-1

among Russian technical
Universities by number
of international students



Unique international
campus



12

**Institutes &
34 graduate
schools**

1st

**Fundamental
library
– core of
national library
network**

43

**joint R&E
centers in
cooperation
with
companies**

33000+

**total
number
of students**

8500+

**international
students
from 120
countries**

1950+

**lecturers,
professors**

2

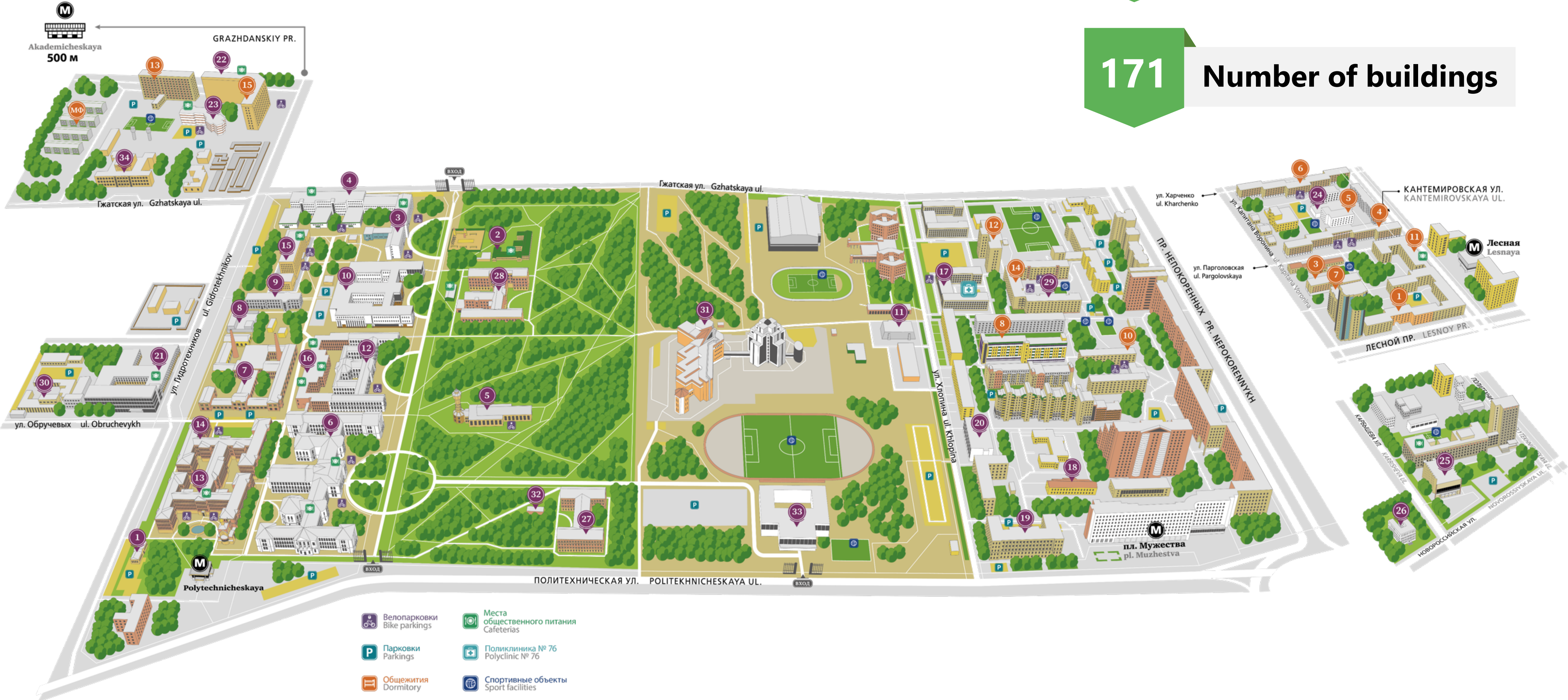
**Representative
Offices
in Shanghai
& Madrid**

102 ha

Campus area

171

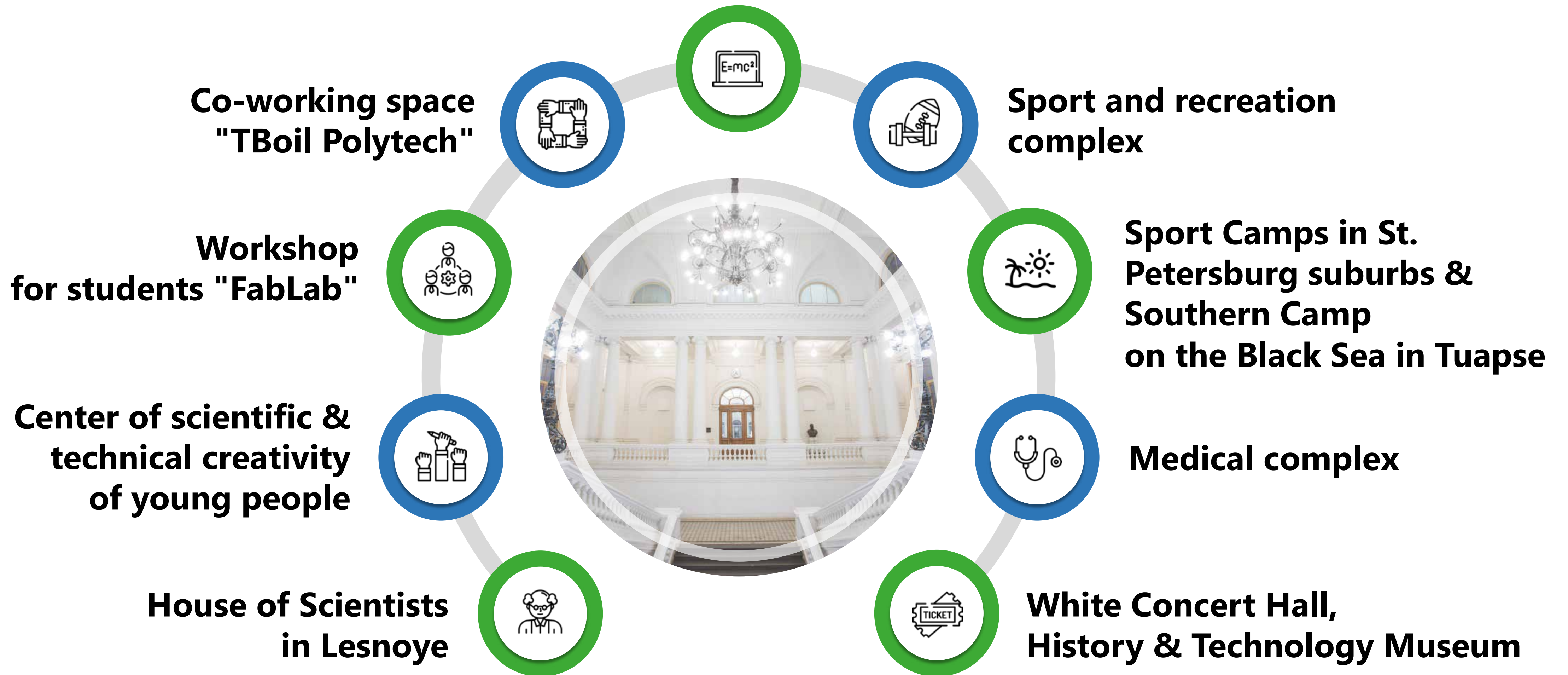
Number of buildings



 **POLYTECH** | **University Institutes**



Digital Education Center «Open Polytech»



POLYTECH | Rankings



#192
Best Global Universities
in Europe



#4
Best Global Universities
in Russia



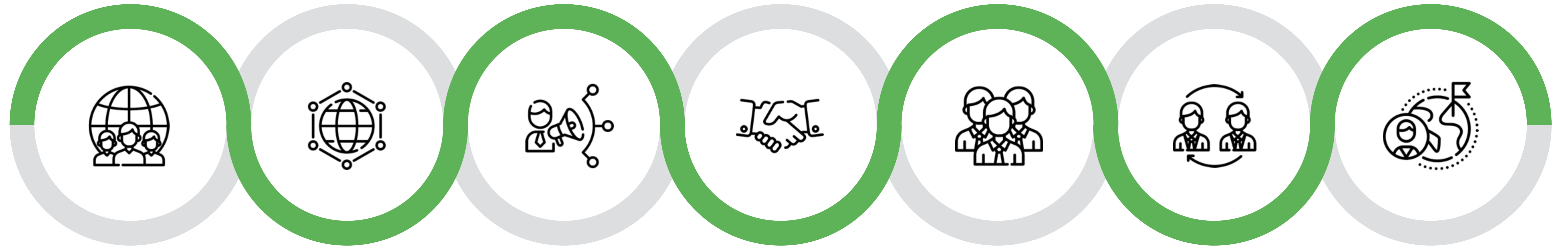
Subjects – Physics
401-500



Subjects – Instruments
Science & Technology
401-500



10



420+

partner universities from 70+ countries

100+

cooperation with world's leading companies

50+

international events annually

30+

joint R&E centers with companies

270+

international faculty annually

1200+

inbound & outgoing academic mobility

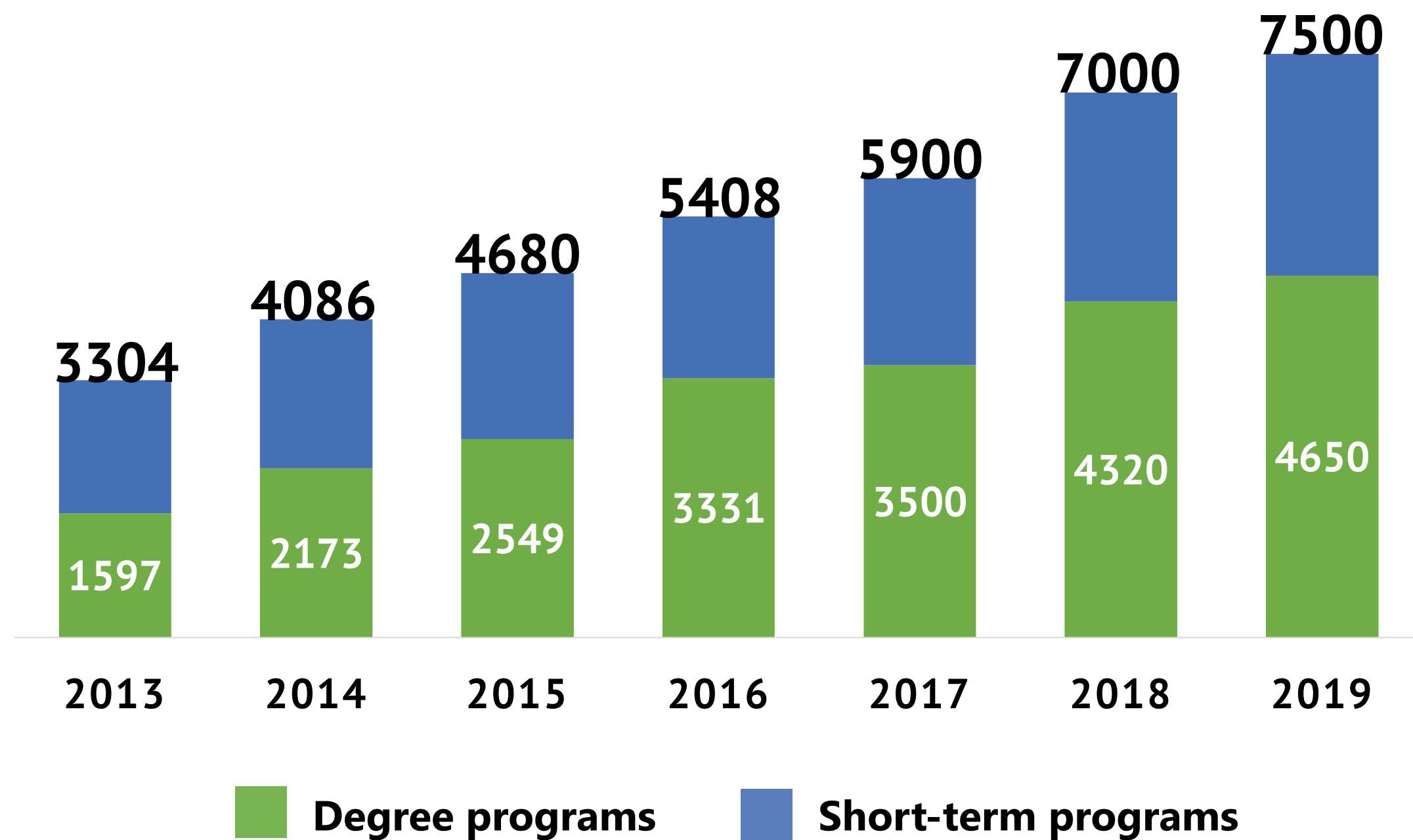
1000+

students at International Polytechnic Summer School

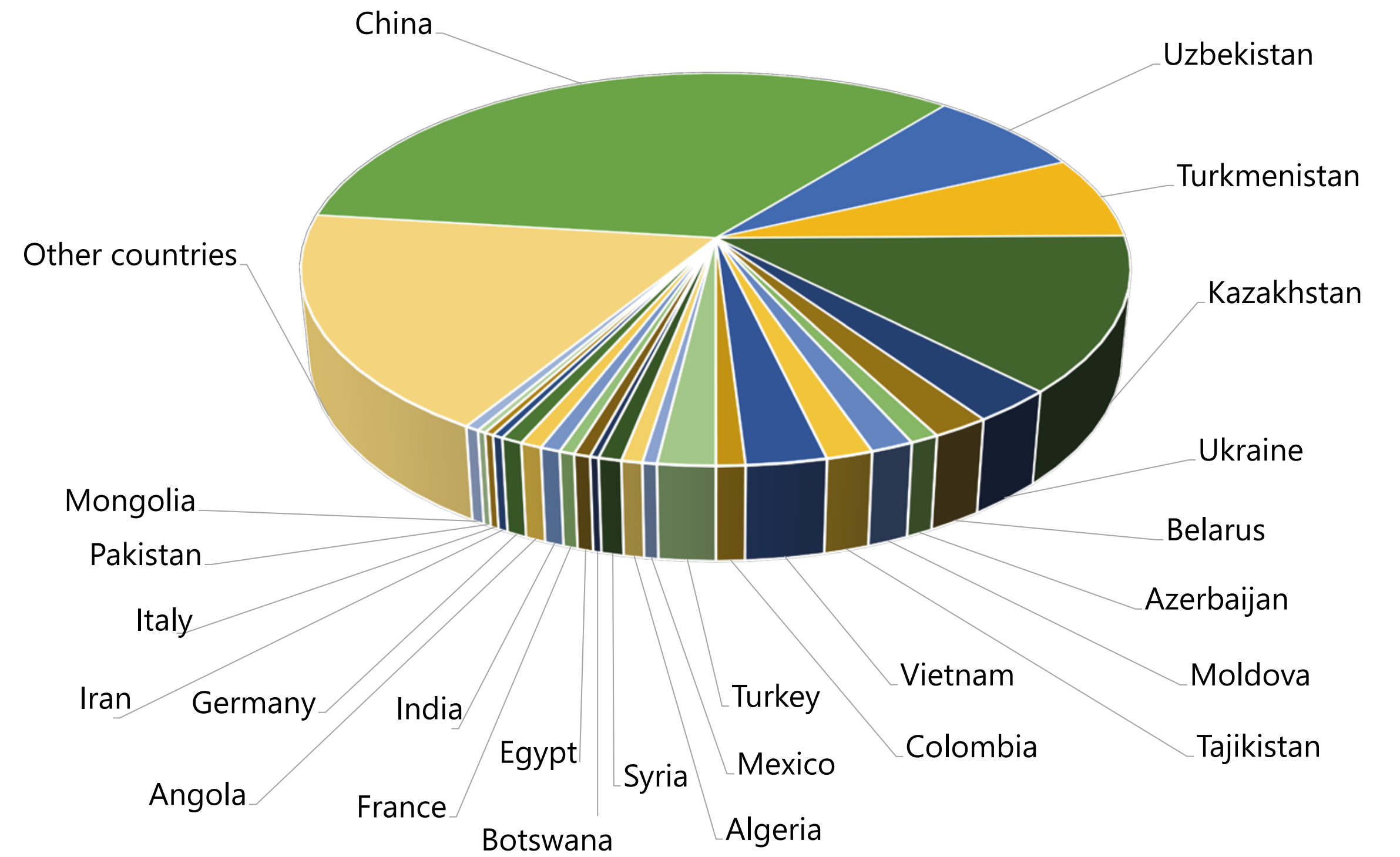
Strategic Partner Universities



NUMBER OF INTERNATIONAL STUDENTS



INTERNATIONAL STUDENTS BY REGIONS



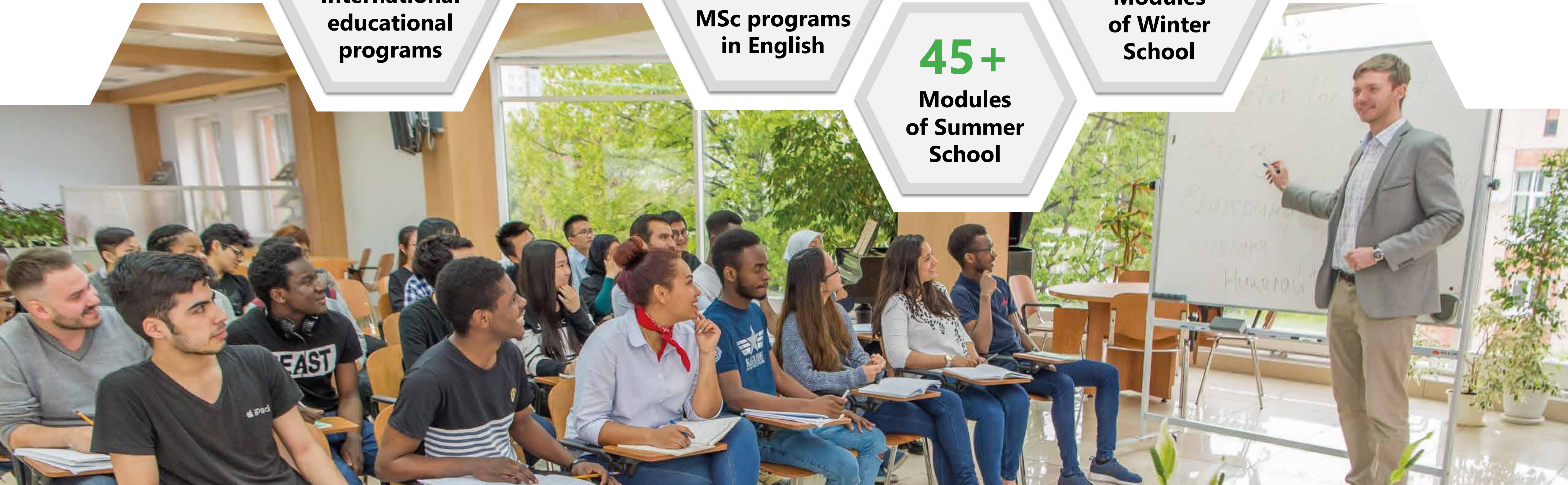
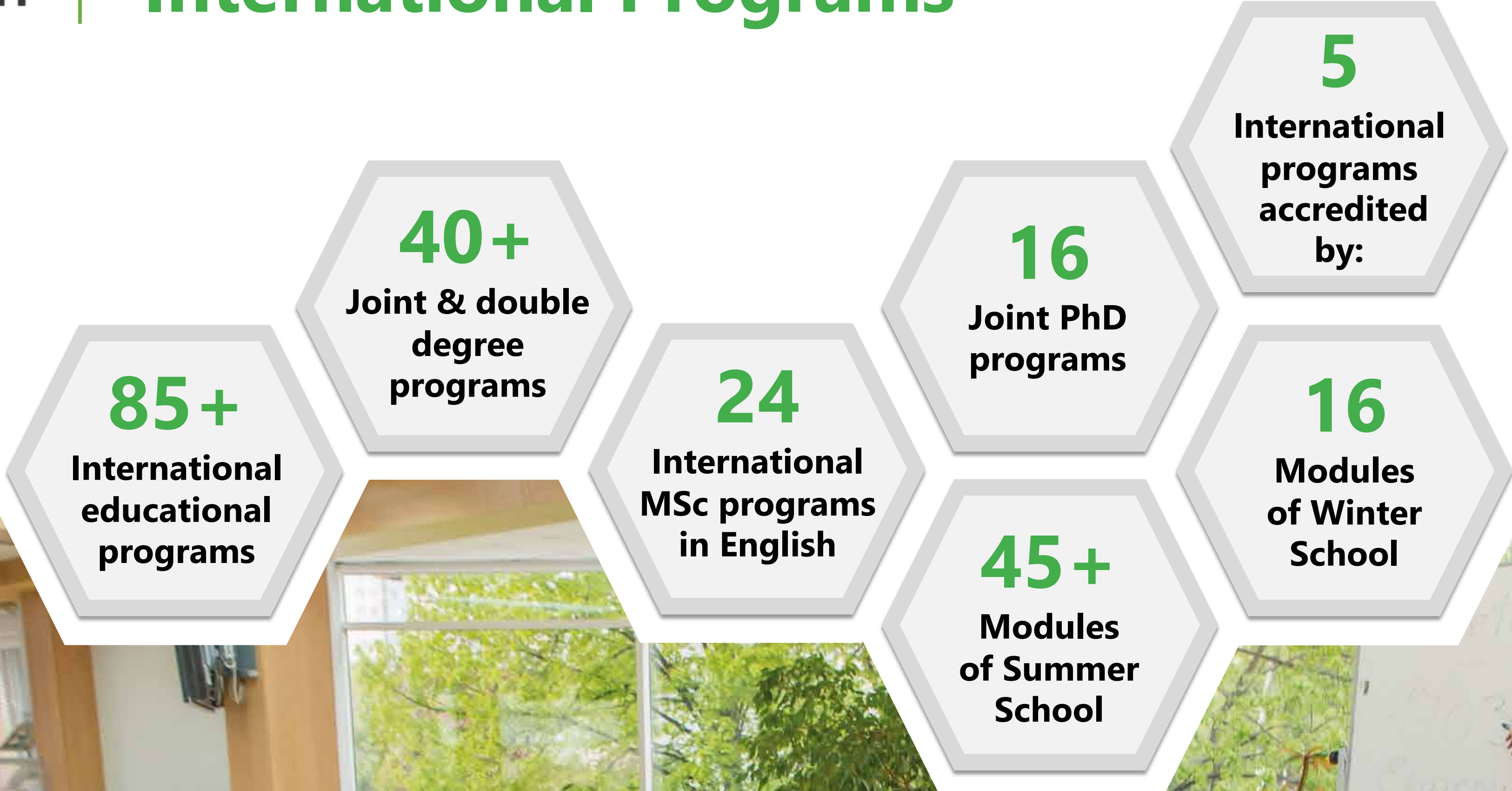
POLYTECH | **Types of Educational Programs**

- ✔ University Foundation Programs
- ✔ BSc, MSc in Russian
- ✔ International BSc, MSc, PhD in English
- ✔ PhD programs
- ✔ Double Degree Programs
- ✔ International Polytechnic Summer and Winter Schools
- ✔ Russian Studies and Russian Language Programs
- ✔ Exchange Programs
- ✔ Research Internships



- ✔ Mathematics and Mechanics
- ✔ Computer and Information Sciences
- ✔ Physics and Astronomy
- ✔ Architecture
- ✔ Equipment and Technology of Construction
- ✔ Computer Science and Engineering
- ✔ Electronics, Radio and Communication Systems
- ✔ Electrical and Heat Power Engineering
- ✔ Nuclear Power and Technology
- ✔ Mechanical Engineering
- ✔ Physical and Engineering Sciences and Technology
- ✔ Industrial Ecology and Biotechnology
- ✔ Technosphere Safety and Environmental Engineering
- ✔ Materials Science and Technology
- ✔ Equipment and Technology of Land Transportation
- ✔ Management in Technical Systems
- ✔ Economics and Management
- ✔ Jurisprudence
- ✔ Political and Regional Studies
- ✔ Mass Media and Information-library Science
- ✔ Linguistics and Literature
- ✔ Graphic and Applied Arts, Design

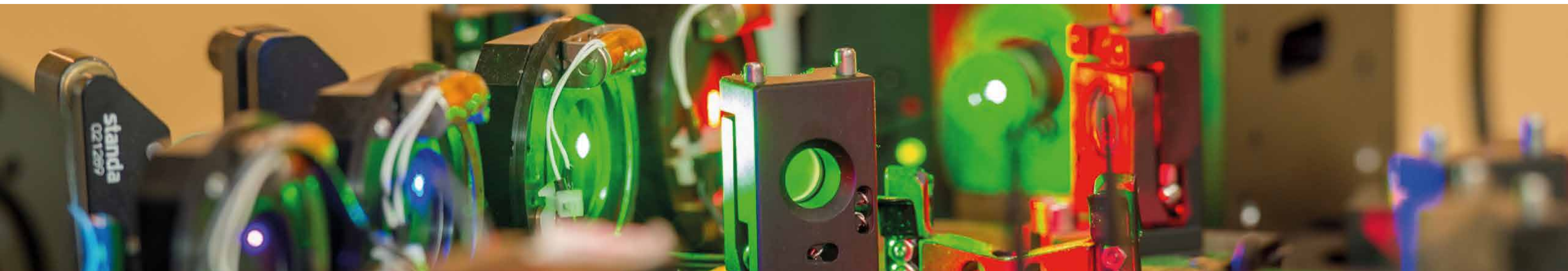




International Master's Degree Programs in English

- ✓ Civil Engineering **DD**
- ✓ Energy Efficient and Sustainable Building **DD**
- ✓ Environmental Engineering in Urban Construction
- ✓ Emergency Preparedness and Response
- ✓ Energy Technology **DDD**
- ✓ Power Plant Engineering **DD**
- ✓ Electrical Engineering **DD**
- ✓ Nuclear Power Engineering
- ✓ New Materials and Additive Technologies
- ✓ Laser and Fiber Optic Systems
- ✓ Microelectronics of Telecommunication Systems **DD**
- ✓ Continuum Mechanics: Fundamentals and Applications **DD**
- ✓ Mechanics and Mathematical Modeling **DD**
- ✓ Intelligent Systems **DD**
- ✓ Smart Nanostructures and Condensed Matter Physics **DD**
- ✓ Business Engineering **DD**
- ✓ Technology Leadership and Entrepreneurship
- ✓ International Business Development **DD**
- ✓ Innovative Entrepreneurship **DD**
- ✓ Region Studies: Russian Federation

* **DD** – Double Degree **DDD** – Triple Degree



40+

Double Degree Programs

✓ Double Degree in cooperation with leading Universities



ParisTech



✓ ERASMUS+ Master Programs



POLYTECH | International Polytechnic Summer School

WHAT 45+ programs with ECTS credits

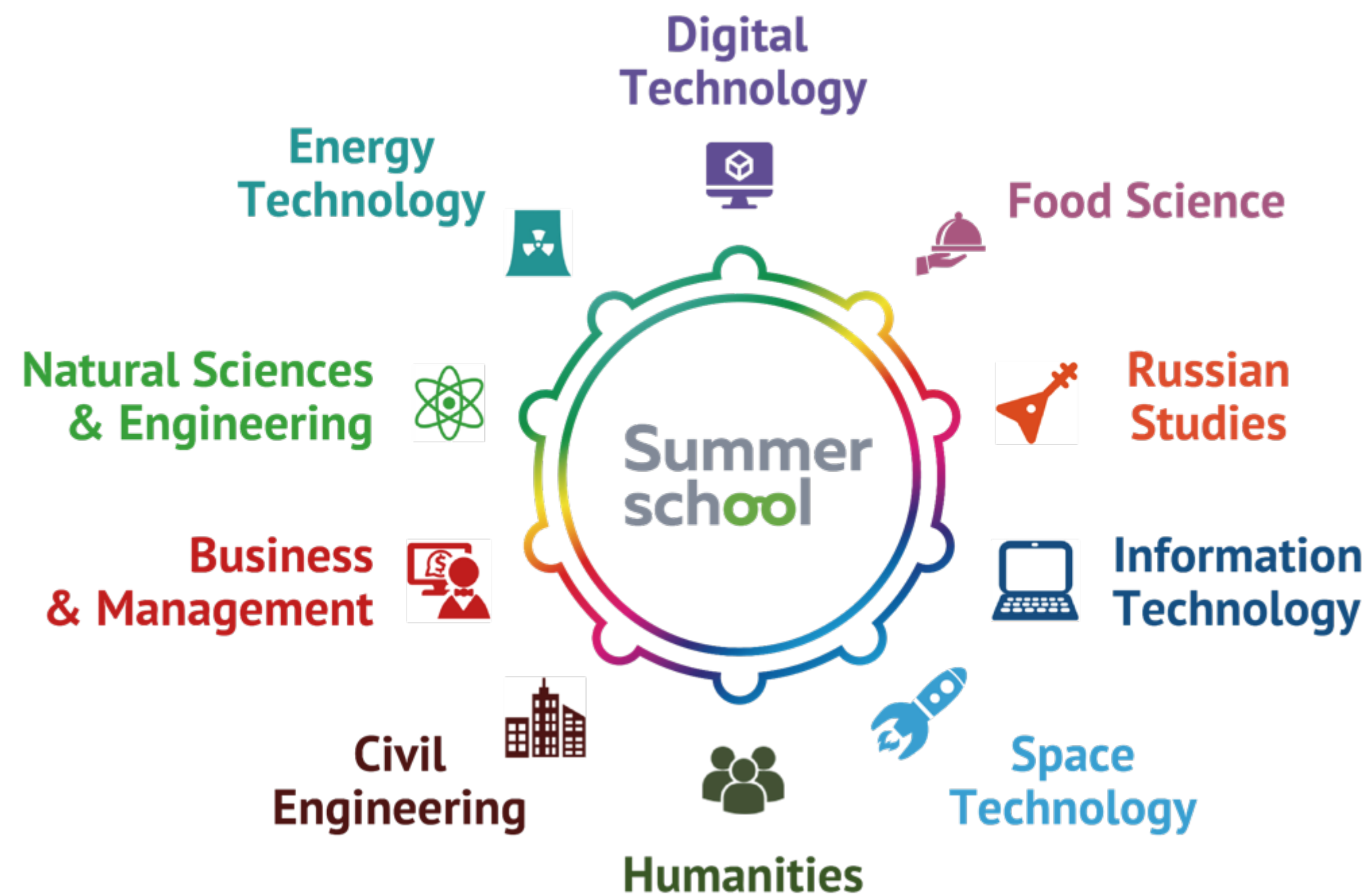
WHEN June – September

WHO 1000 international students from 60 countries

FIELDS

TOP-1

Largest summer school in Russia

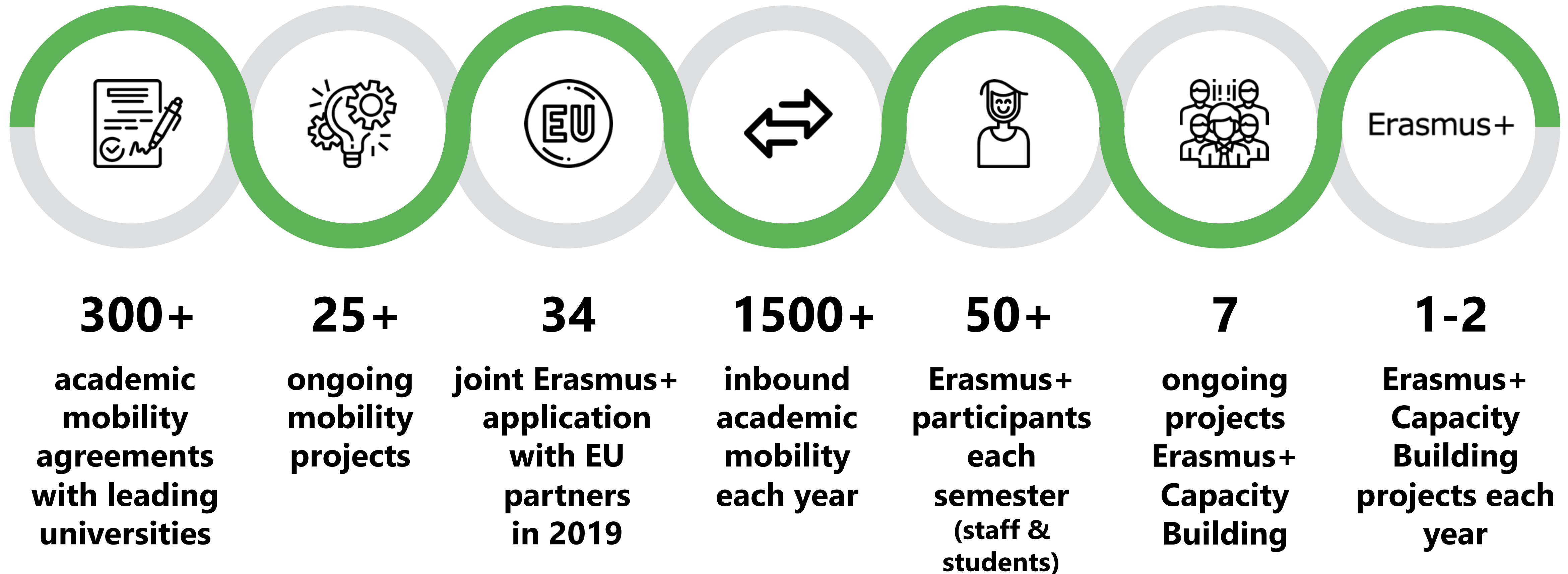


TOP-1

Among Russian universities
by number of projects
Erasmus+ Capacity Building

500,000 €

Annually attracted
to support academic
mobility programs



POLYTECH | Cooperation with Foreign Companies

FESTO

BOEING

AIRBUS

intel

PHILIPS

SIEMENS

Ford

ORACLE

Kawasaki

HUAWEI

LG

BOSCH

FMC Technologies

XILINX

ITER

STATOIL

CISCO

Microsoft

bp

Schneider Electric

KITECH

PROMETRIC

Weatherford

MOTOROLA

EMC²

GM

SAP

NATIONAL INSTRUMENTS

Schlumberger

DASSAULT SYSTEMES

KIMM 한국기계연구원
KOREA INSTITUTE OF MACHINERY & MATERIALS

Arvedi

AVL

SBC Small & medium Business Corporation

Electrolux

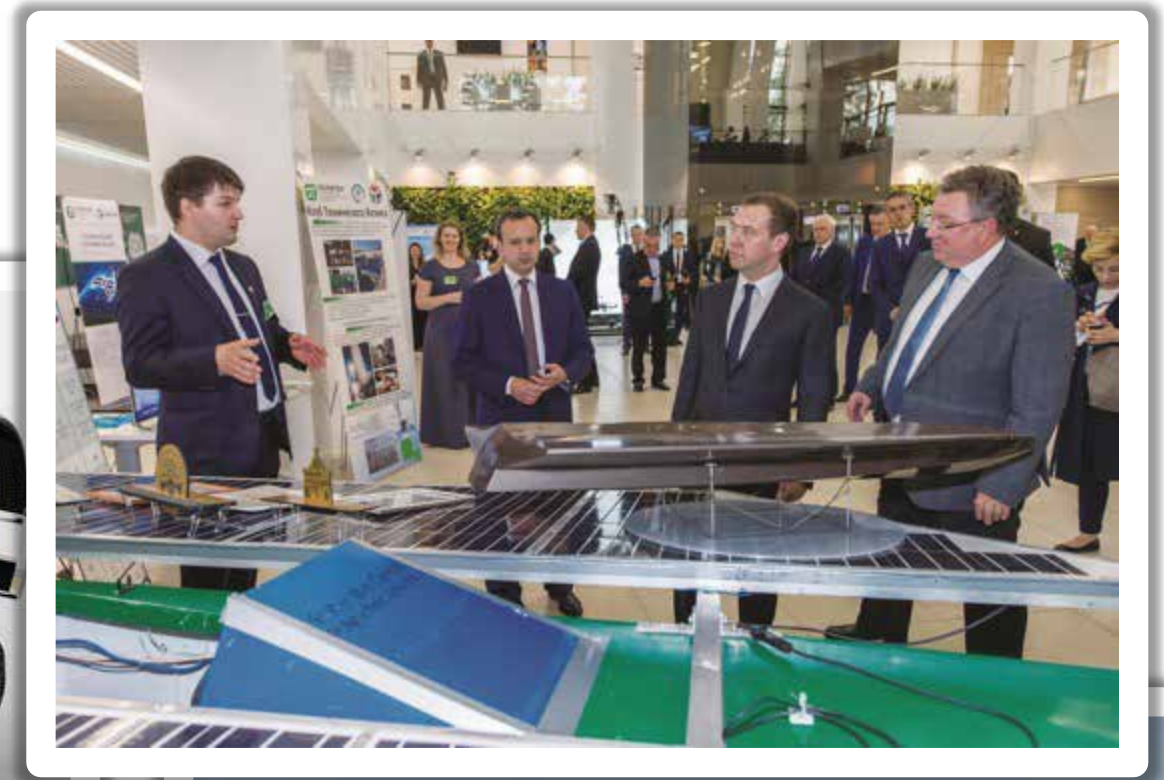
TOYOTA

ENV 英纳威

POLYTECH | Cooperation with Russian Companies



- ✔ Formula Student – race car for Formula Student racing
- ✔ Solar Car – first Russian solar unique solar-powered car
- ✔ SolarDrone
- ✔ BUK-600 unmanned universal boat
- ✔ The first Russian customized conceptual electric car CML CAR
- ✔ Arduino watch – for teaching robotics and programming
- ✔ Braille simulator for use by students of typhoid departments, educators who study braille, and late-onset blind people
- ✔ Satellite Polytech development of the first student satellite of Polytechnic University
- ✔ FabLab



250.000+

University graduates

- ✔ **SPbPU Alumni Center** – was established in 2014. It operates in the following spheres:
 - ✔ Alumni consolidation
 - ✔ Preservation and augmentation of scientific and cultural traditions
 - ✔ Enhancement of the SPbPU reputation and competitiveness in the global university community
- ✔ **Association of SPbPU Alumni and Friends**
- ✔ **Journal ЕДИНСТВО | UNITY**
- ✔ **Special project "Our People"**



Distinguished Alumni



Gao JINGDE MAY
President of Tsinghua University
in 1983-1988



Issa TOGO
Head of Dep. of Water and
Hydrotechnical Engineering, SPbPU



Saparmurat A. Niyazov
First President of Turkmenistan
In 1990-2006



Vladimir N. VASILIEV
Rector of ITMO University
from 1996 – to date



Vitaly G. SAVELIEV
CEO of PJSC Aeroflot
from 2009 – to date

- ✔ Student Union "**POLYTECH COMMUNITY**" – founded in 1965
- ✔ **Student Club** and over 20 students' communities
- ✔ **International club "PolyUnion"** for russian and international students
- ✔ **Student setting "Tutor Forces"** – voluntary service helps international students with adaptation to studying and living in St. Petersburg
- ✔ **Student Buddy program "Enjoy Polytech"** – assistance program for international students during their studies at Polytech
- ✔ More than 100 events annually: festivals, students' balls, competitions, parties, etc.





THANK YOU!

CONTACTS

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+7 (812) 606-62-41

english.spbstu.ru

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intadm@spbstu.ru

Admission Office for international students:

interstudy@spbstu.ru