CEN
CYBER EDUCATION NETWORK

NEW TREND IN EDUCATION
VIDEOCONFERENCE SYSTEMS
INTERACTIVE. EFFECTIVE. ACCESSIBLE.

UCEU

UNIVERSITY
OF
CENTRAL
EUROPE

CREATION
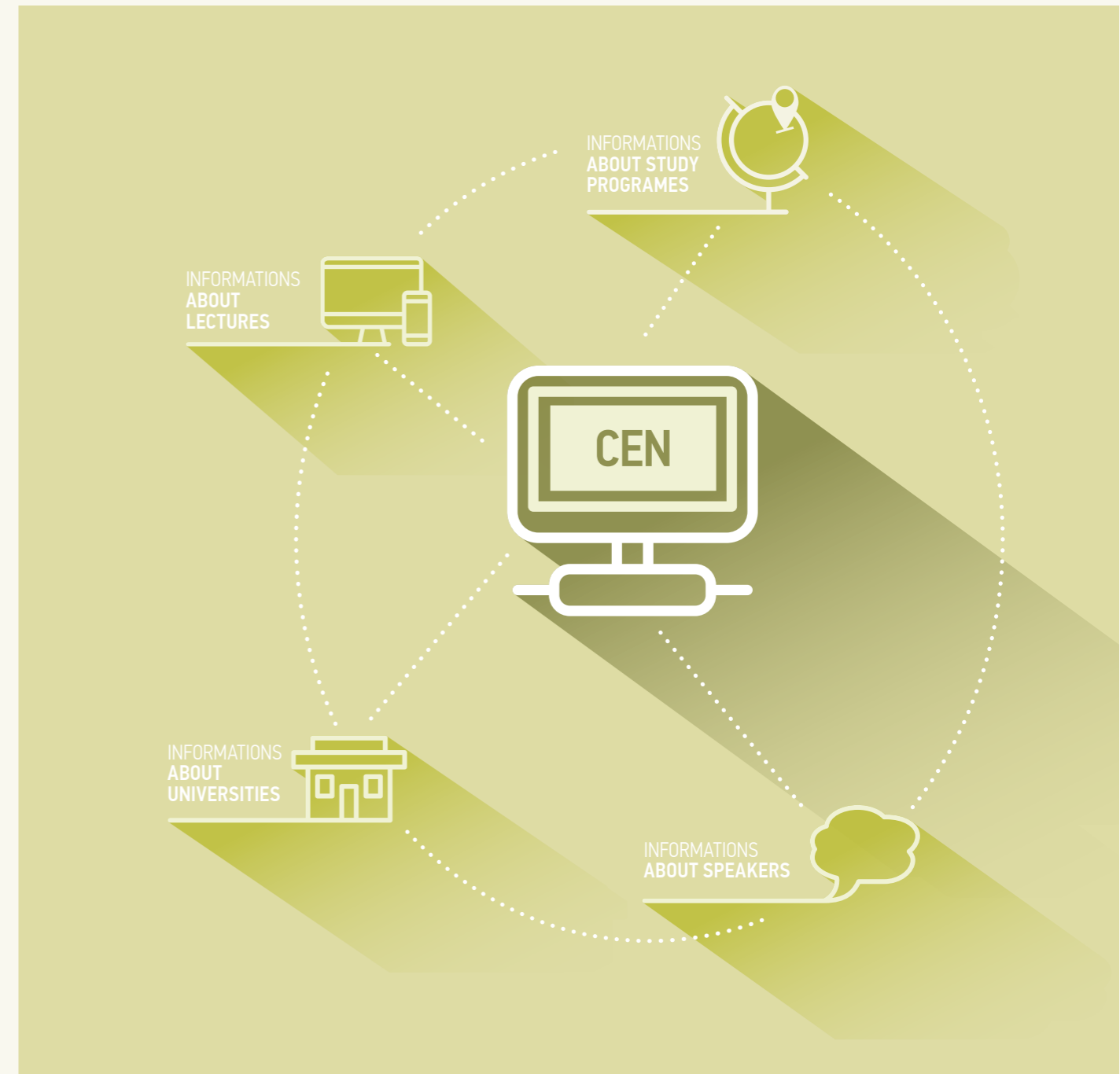## OF THE VIDEOCONFERENCE
PORTAL **CEN**

CEN OPENS THE EDUCATION SPACE

Based on deeper cooperation of universities and their education and scientific research workplaces, the need to create an on-line environment arose, where all lectures, informations about the lecturers, universities or study programs could be gathered and stored.

Therefore, a WEB PORTAL was created, where the students as well as lecturers and all participants of the videoconference have access. Comfortable access to the web portal is thanks to the Internet possible from anywhere, also from the comfort of your own home, and therefore creates a new form of distance college education.

INFORMATIONS **ABOUT STUDY PROGRAMES**

INFORMATIONS **ABOUT LECTURES**

CEN

INFORMATIONS **ABOUT UNIVERSITIES**

INFORMATIONS **ABOUT SPEAKERS**

CEN CONNECTION
OF GLOBAL UNIVERSITIES
IN ONE ONLINE SYSTEM

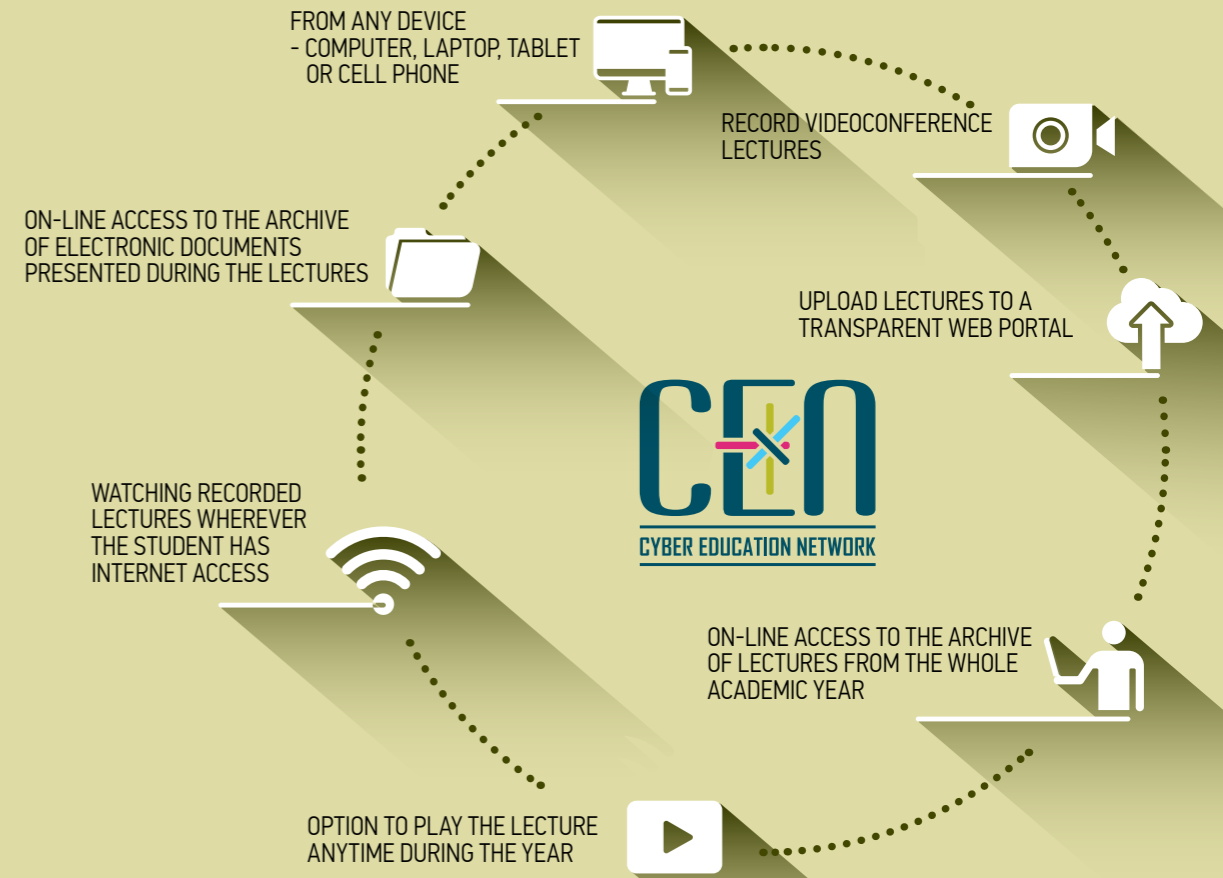01 STRATEGIC AIM OF UCEU

02 INTERNATIONAL VIDEOCONFERENCING NETWORK

03 CONNECTING GLOBAL UNIVERSITIES USING A VIDEOCONFERENCE TECHNOLOGY

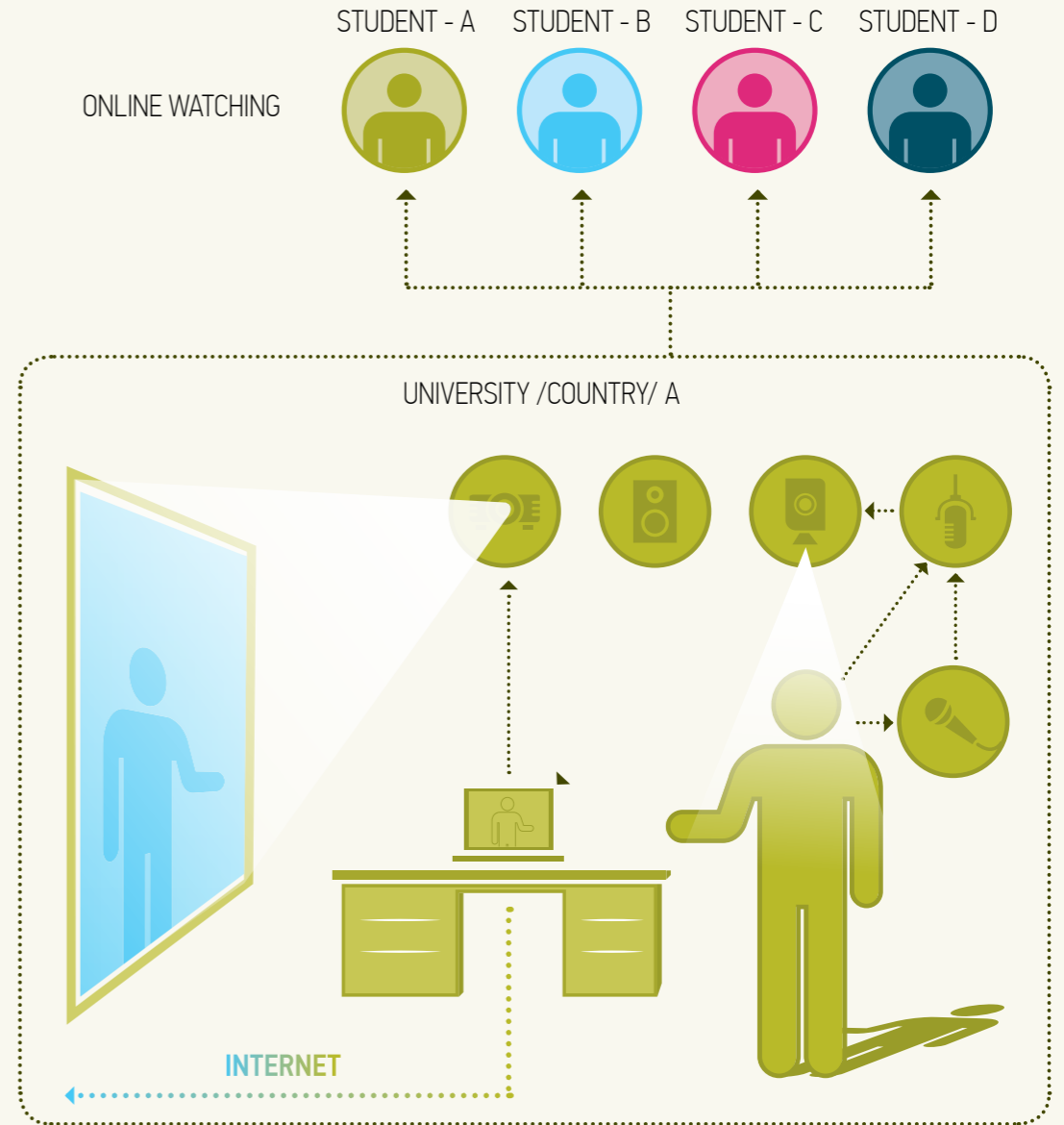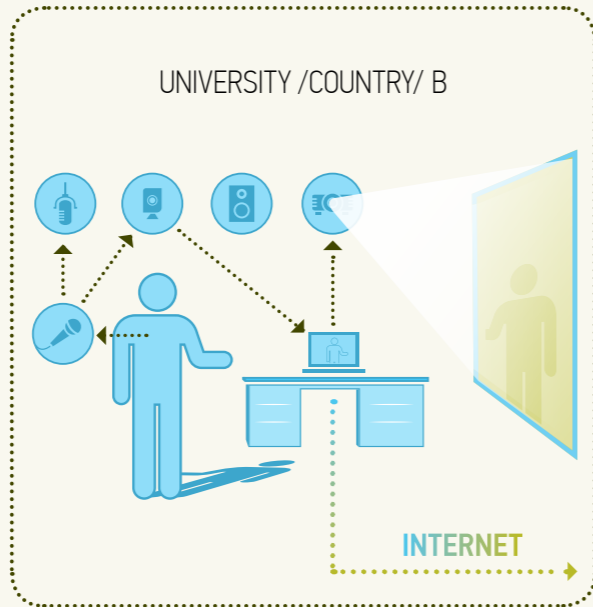04 MODERN EDUCATION WITHOUT THE NEED TO TRAVEL

CEN
ALLOWS YOU TO

FROM ANY DEVICE
- COMPUTER, LAPTOP, TABLET
  OR CELL PHONE

RECORD VIDEOCONFERENCE
LECTURES

ON-LINE ACCESS TO THE ARCHIVE
OF ELECTRONIC DOCUMENTS
PRESENTED DURING THE LECTURES

UPLOAD LECTURES TO A
TRANSPARENT WEB PORTAL

CEN
CYBER EDUCATION NETWORK

WATCHING RECORDED
LECTURES WHEREVER
THE STUDENT HAS
INTERNET ACCESS

ON-LINE ACCESS TO THE ARCHIVE
OF LECTURES FROM THE WHOLE
ACADEMIC YEAR

OPTION TO PLAY THE LECTURE
ANYTIME DURING THE YEAR

CEN
FUNCTION
PRINCIPLE

Function principle of video and audio transmission is simple, from the the implementation process point of view. Videoconference device consists of a camera, computer, microphone, audio and an interactive table. The videoconference package is suitable for all kinds of rooms, without the limitation of number of students. An individual solution can be designed for any room.

- SMALL CLASSROOMS
- MIDDLE CLASSROOMS
- BIG HALLS AND AUDITORIUMS

UNIVERSITY /COUNTRY/ B

INTERNET

ONLINE WATCHING

STUDENT - A STUDENT - B STUDENT - C STUDENT - D

UNIVERSITY /COUNTRY/ A

INTERNET

CEN BRINGS ADVANTAGES FOR EVERYONE

UNIVERSITY	STUDENT
ability to make international broadcast of scientific events, conferences, international work meetings and discussions between workplaces	saves the cost for travel and accommodation ability to consult with the lecturer using videoconference
education, exams, external lectures, trainings and presentations can be performed using videoconference	possibilities of applying abroad in praxis improvement of the education quality, working with state-of-the-art technologies
organizing multiconferences, multiple schools at once, connection with other educational institutions	new possibilities in e-learning education
common study programs, international cooperation	acquiring language, foreign and work experience
foreign lecturers don`t need to travel, they can lecture locally from their school thousands of kilometers away	increased graduate attractiveness for employers graduate application on the global and local job market
ability to use the system for external environment	

CEN AND UCEU

UCEU
GLOBAL
COLLEGE

University of Central Europe in Skalica (UCEU) was created in 2005. We carry out college education and scientific research actions in the international relations, international politics, ecology and environmentalism area from the start. They became the key accessory parts of many globalization processes in the form of internationalization and sustainable development of the society.
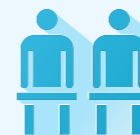
Globalization, which connects distant locations in a way, that local events are formed by events happening many kilometers away and vice versa, bring new challenges for the college education.

UCEU RESPONDS ACTIVELY TO GLOBALIZATION TRENDS IN THE EDUCATION AREA AND BROUGHT INNOVATIVE METHOD OF OFFERING COLLEGE EDUCATION USING MODER TECHNOLOGIES ALLOWING DISTANT EDUCATION METHODS TO THE SLOVAK EDUCATION

VIDEOCONFERENCING TECHNOLOGY EQUIPMENT IN UCEU

University of Central Europe in Skalica as well as Educational and Consulting Site of UCEU in Košice has **14 fully equipped auditoriums.**

SKALICA

LECTURE ROOMS FROM 20 TO 100 SEATS
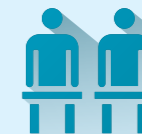
LECTURE ROOMS WITH INTERACTIVE BOARDS

7 LECTURE ROOMS WITH VIDEOCONFERENCE TECHNOLOGIES

COMPUTER CLASSROOMS WITH POWERFUL WORKSTATIONS

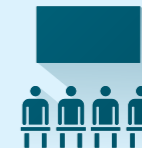## KOŠICE

LECTURE ROOMS FROM 20 TO 100 SEATS

LECTURE ROOMS WITH INTERACTIVE BOARDS

7 LECTURE ROOMS WITH VIDEOCONFERENCE TECHNOLOGIES

COMPUTER CLASSROOMS WITH POWERFUL WORKSTATIONS

LARGE CAPACITY AULA WITH VIDEOCONFERENCE TECHNOLOGY AND MODERN AUDIO - VIDEO SYSTEMS

REALIZATION OF ACCREDITED STUDY PROGRAMS IN SKALICA AND KOŠICE USING **CEN**

Education in UCEU was carried out in the usual form of lectures in two school buildings in Skalica until 2012, when the college opened its first distant work place outside of the college seat - Educational and Consultation Site of UCEU in Košice.

IN THE SCHOOL RESIDENCY IN SKALICA, AS WELL AS EDUCATIONAL AND CONSULTING SITE OF UCEU IN KOŠICE ARE ALL STUDY PROGRAMS CARRIED OUT TODAY THAT UCEU HAS ACCREDITED, IN THE FORM OF PARALLEL CLASS SCHEDULE USING INSTALLED VIDEOCONFERENCE TECHNOLOGIES, that allow fully interactive education. Students of our school have therefore the possibility to carry out educational activited based on their choice in Skalica or in Košice.

CEN OPENS THE INTERNATIONAL EDUCATION SPACE TO STUDENTS

FOREIGN TEACHERS LECTURES

FOREIGN LANGUAGE EDUCATION FROM OXFORD

PARTICIPATING IN CLASSES FROM PARTNER UNIVERSITIES

PARTICIPATING IN NEW COMMON STUDY PROGRAMS

DISTANT EDUCATION METHOD

INTERNATIONAL STUDENT SCIENCE EVENTS

INTERNATIONAL SCIENCE CONFERENCES

Using CEN, UCEU connects foreign universities, that have a global important position. We strive to offer students knowledge and experience of international importance, make most current information and knowledge from all around the world accessible, improve language skills, gain valuable life experience and by this, improve the application possibilities on the global job market.

Videoconferencing portal and global university network allow students from all around the world to participate in classes in chosen universities without the need for time and cost expensive travel. At the same time, creates an unlimited globally connected are of scientific and educational workplaces of global universities.

Thanks to active cooperation with partner colleges abroad, that have videoconferencing technologies installed, we can offer our students:

CURRENT COOPERATION WITH FOREIGN UNIVERSITIES

FROM THE HEART OF EUROPE TO THE WHOLE WORLD
VIDEOCONFERENCE PORTAL – **CEN**

OXFORD ACADEMY FOR EDUCATION & DEVELOPMENT

OXFORD, GREAT BRITAIN

ACADEMY OF LABOUR AND SOCIAL RELATIONS

MOSCOW, RUSSIA

MGIMO UNIVERSITY

MOSCOW, RUSSIA

NATIONAL TECHNICAL UNIVERSITY OF UKRAINE

KYIV POLYTECHNIC INSTITUTE, KYIV, UKRAINE

UZHHOROD NATIONAL UNIVERSITY

UZHHOROD, UKRAINE

ST. JOHN INTERNATIONAL UNIVERSITY

CASTELLO DELLA ROVERE, TORINO, ITALY

ITEC BOISFLEURY, HIGH SCHOOL

LA TRONCHE, FRANCE
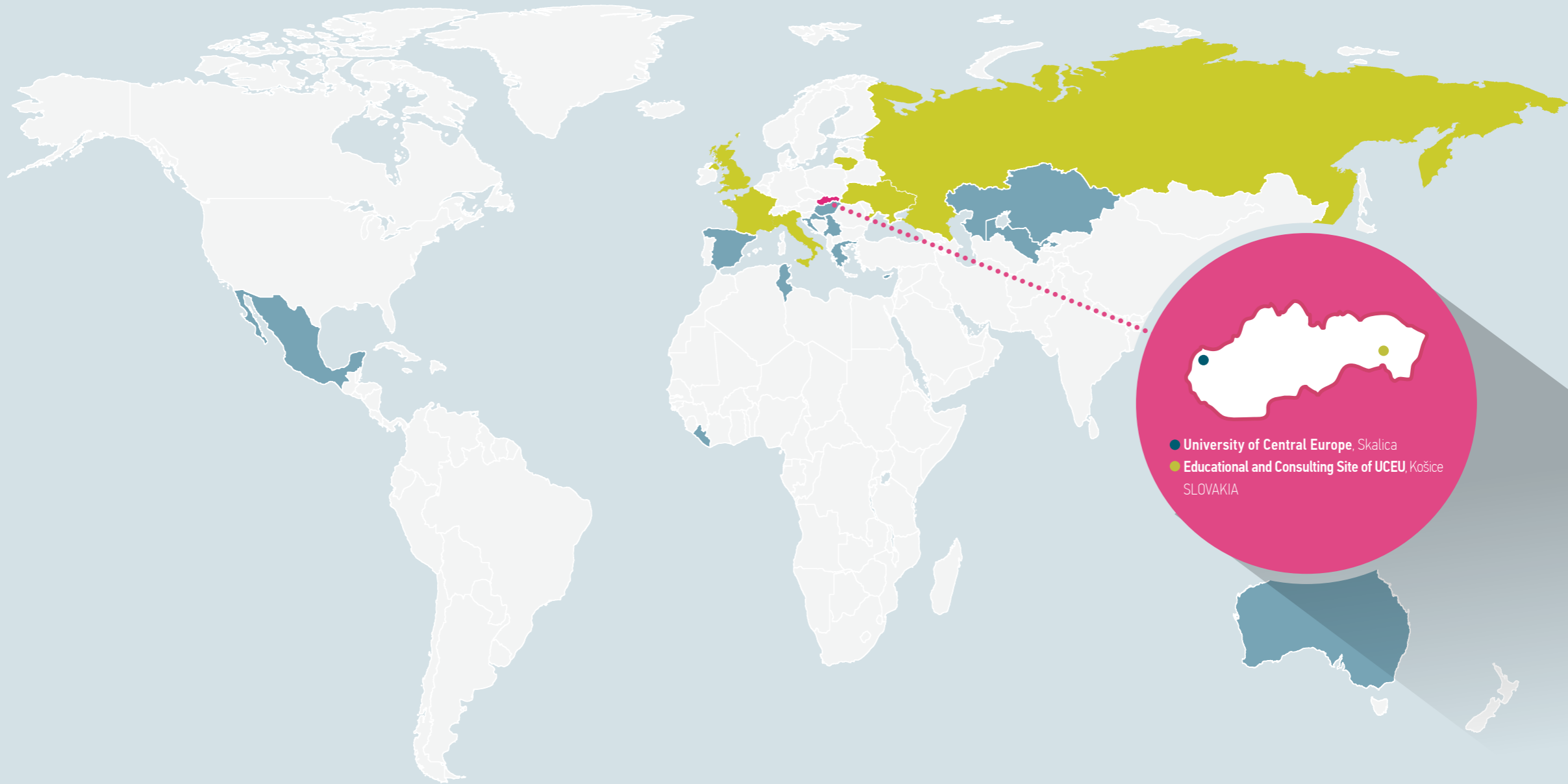
CENTRE LIBRE ENSEIGNEMENT

SUPERIEUR INTERNATIONAL, TOULON, FRANCE

MYKOLAS ROMERIS UNIVERSITY

VILNIUS, LITHUANIA

University of Central Europe, Skalica
Educational and Consulting Site of UCEU, Košice
SLOVAKIA

UNIVERSITIES IN DEALING

UCEU PREPARES NEW EDUCATIONAL PROGRAMS USING
CEN

CEN greatly enhanced the possibilities of international cooperation of UCEU with foreign universities. After a successfull accreditation of international common programs "International relations" and "Environmental management" with universities in Uzhorod and Kyjev, we prepare other similar forms of cooperation with intensive use of videoconferencing devices:

SLOVAKIA
LITHUANIA
CYPRESS

common study program „International relations and international law" with the Mykolas Romeris University /Litva/ and European University Cyprus

SLOVAKIA
RUSSIA
ITALY

common study program „Environmental marketing" with MGIMO University /Moscow/ and St. John International University /Italy/

SLOVAKIA
ITALY

common study program „MBA" with St. John International University /Italy/

SLOVAKIA
GERMANY

PHD study program „International relations" with personal attending of highly qualified german professors

SLOVAKIA
FRANCE

study program „Environmental management and applied informatics" designed for french students

CEN ALSO IN YOUR SCHOOL

CEN AS AN INTERNATIONAL EDUCATION NETWORK

Vision of UCEU is to create conditions for a successful functioning of an international education network of colleges, which:

allows universities to offer subjects or whole study programs by a distant education method

offers students broad variety of distant study subjects from universities from all around the world without the need to travel

simplify studying for students with specific needs

decreases the study costs for students

increases the quality and possibilities of college education

creates possibilities for implementing distant qualification courses

replaces the physical mobility of the faculty for virtual mobility

aids to the college education informatization

connects multidimensional and global scientific and education work places

increases language skills of lecturers and students

OFFERED UNIVERSITY COOPERATION MODELS

01

CREDIT TRANSFER

traditional academic cooperation across
the whole system
cooperation models using multimedia classrooms
common study programs

02

EDUCATION ENHANCEMENT

cooperation model using videoconferencing devices
in real time
access to lectures, seminars, workshops and other
education and scientific
events held at individual universities

03

SCIENCE AND RESEARCH USING **CEN**

access to lectures and seminars using
the Internet portal
additional technical possibilities:
on-line testing, subtitle language mutations
„Open University" — creating new educational
programs and qualification courses

04

VIDEOCONFERENCE PORTAL AND MULTIMEDIA CLASSROOM

combination of models stated above
„Blended teaching" — combination of interactive
education and on-line education

VIDEOCONFERENCE TECHNOLOGIES, WE OFFER TO UNIVERSITIES

VIDEOCONFERENCING SYSTEM

- video calls in real time in HD resolution
- communication through Internet without distance limitations
- sharing multimedia content during the video call

VIDEOCONFERENCING SYSTEM CONNECTED WITH INTERACTIVE TECHNOLOGY

- combination of videoconference and interactive technology advantages
- working with multimedia content is intuitive and easy to control using the touchscreen
- interactive device allowing to share the computer desktop during the video call

VIDEOCONFERENCE
A MODERN METHOD
OF EDUCATION

IMAGE

from individual rooms is recorded by an HD camera, the camera
can be positioned, controlled during the broadcast by both participating
parties, controlled in the 180° horizontal and vertical range
with a 12-time optical zoom.

SOUND

from individual rooms is recorded by an optional microphone based
on the type and size of the room.

SHARING

the computer desktop, presentation, pictures, documents,
video, any multimedia content during the videoconference
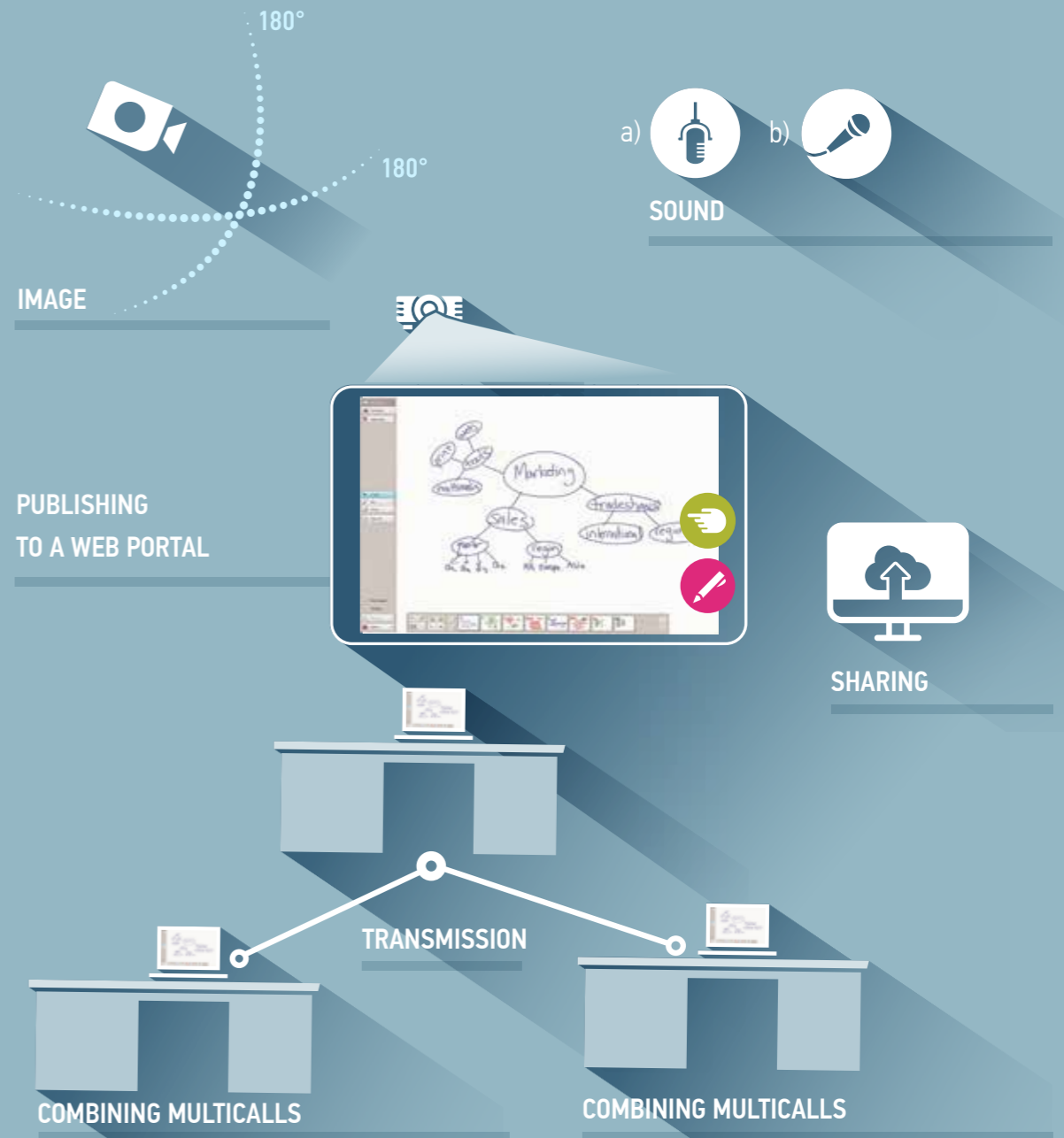call at the distance of hundreds of kilometers

TRANSMISSION

over the Internet

COMBINING MULTICALLS

of multiple participant devices, recording and archiving

PUBLISHING TO A WEB PORTAL

180°

180°

IMAGE

a) b)

SOUND

PUBLISHING
TO A WEB PORTAL

SHARING

TRANSMISSION

COMBINING MULTICALLS

COMBINING MULTICALLS

INTERACTIVE TECHNOLOGY
BEST CHOICE FOR INTERACTION
USING A VIDEOCONFERENCING DEVICE

interactive white chart with a touchscreen

suitable for sharing your work with the touchscreen during the videoconference call, sharing presentations, documents, computer desktop, pictures, applications audio, video, computer work, or any other multimedia content
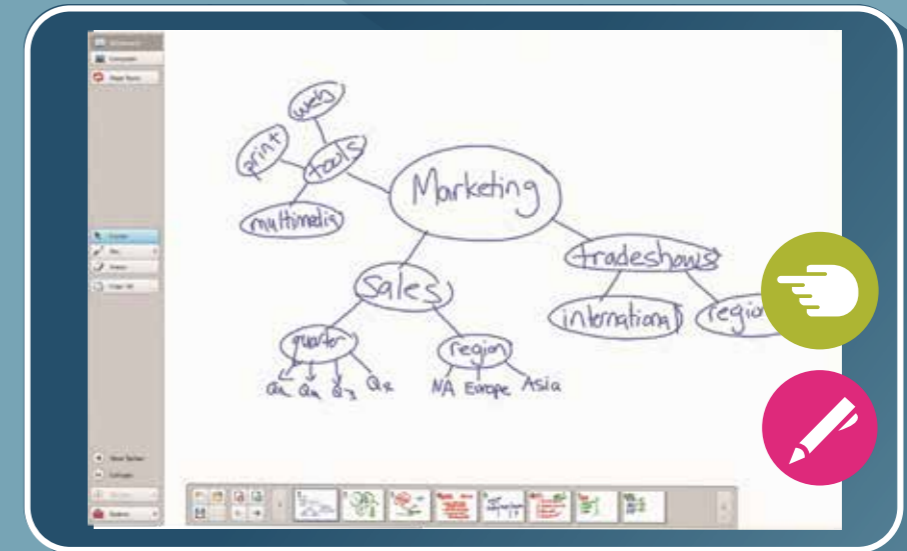
using the table as a giant tablet

control by an easy finger touch or a stylus

the software supports interaction with the Microsoft Office software package

students see color, moving pictures and can interact physically with the multimedia material, content, movement, image, sound, application just by touching them

interactive table saves time and increases the education process effectiveness

interactive software allows to save and create tables, graphics, object, write, draw, design, create presentations, save notes and multimedia content from the class and offer it to students

VIDEOCONFERENCING SYSTEM CONNECTED WITH INTERACTIVE TECHNOLOGY ALLOWING A "MULTI-VIDEO" CALL

CONNECTING MULTIPLE PARTICIPANTS IN ONE CALL

„MULTI-VIDEO" CALLS IN HD RESOLUTION

INTERACTIVE DEVICE ALLOWING TO SHARE
THE COMPUTER DESKTOP DURING THE VIDEO CALL

POINT-TO-POINT VIDEO CALL SLOVAKIA - OXFORD

MULTIPOINT VIDEO CALL OFXORD - KYJEV - MOSCOW - TOULON

VIDEOCONFERENCE SYSTEM USING A VIDEOCONFERENCE PORTAL

VIDEO CALL AND „MULTI-VIDEO" CALL RECORDING

PUBLISHING RECORDS ON THE INTERNET PORTAL

ACCESS TO THE PORTAL USING THE INTERNET

Videoconferencing portal creates ideal conditions for distant education by allowing:

to record and archive lectures, conferences, workshops e.g.

upload recorded events and lectures to a transparent web portal

watching lectures and conferences from any country and place

access from any device:

computer, tablet, laptop, cell phone

JOIN THE MODERN EDUCATION PROJECT

INTERACTIVE. EFFECTIVE. ACCESSIBLE.

UNIVERSITY OF CENTRAL EUROPE IN SKALICA

Kráľovská 386/11, Skalica, Slovenská republika

info@sevs.sk   www.sevs.sk