

International Week on Practice Oriented Higher Education (IW-PROHE)
2-5 February 2015

INTRODUCTION OF SZÉCHENYI ISTVÁN UNIVERSITY

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SZÉCHENYI 



HUNGARIAN
GOVERNMENT

European Union
European Regional
Development Fund



INVESTING IN YOUR FUTURE

Topics

- Győr
- University
- Strategic Partnership with AUDI
- Practice Oriented Academic Activities



Simplified History of Győr

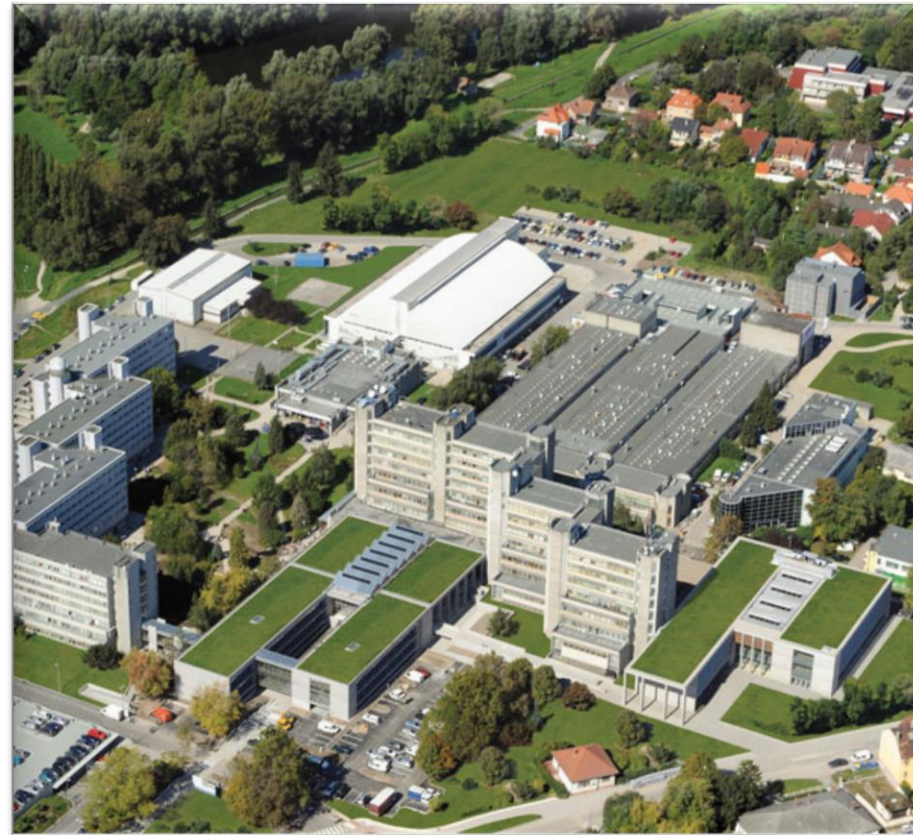


- Founded in 430 as 'Arrabona'
- Free royal city status and staple right were granted to Győr in 1271
- Region: Western Transdanubia
- Population: cca. 150,000
- City of 4 rivers
- City of 3 universities



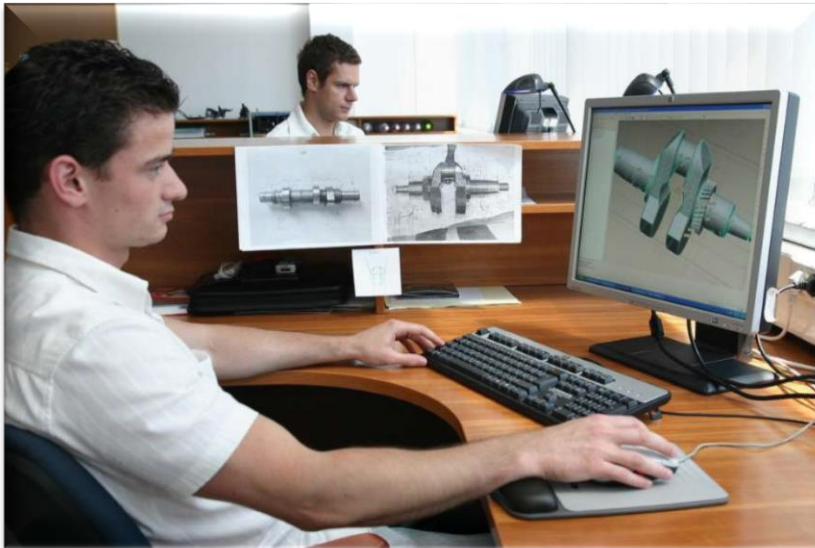
Our University

- Located in the city of Győr on the bank of Danube
- 45 years of experience (founded in 1968 as Technical College of Transportation and Telecommunication)
- Awarded to a full University in 2002
- 394 full-time lecturers (incl. 211 with PhD and 33 full professors)



Structure of University

- AUDI Hungaria Faculty of Automotive Engineering
- Faculty of Architecture, Civil Engineering and Transport Sciences
- Faculty of Mechanical Engineering, Informatics and Electrical Engineering
- Faculty of Economics
- Faculty of Law and Political Sciences
- Independent Institutes
 - Institute of Health and Social Studies
 - Institute of Musical Art



Available Courses

- BSc
- MSc
- MA
- PhD



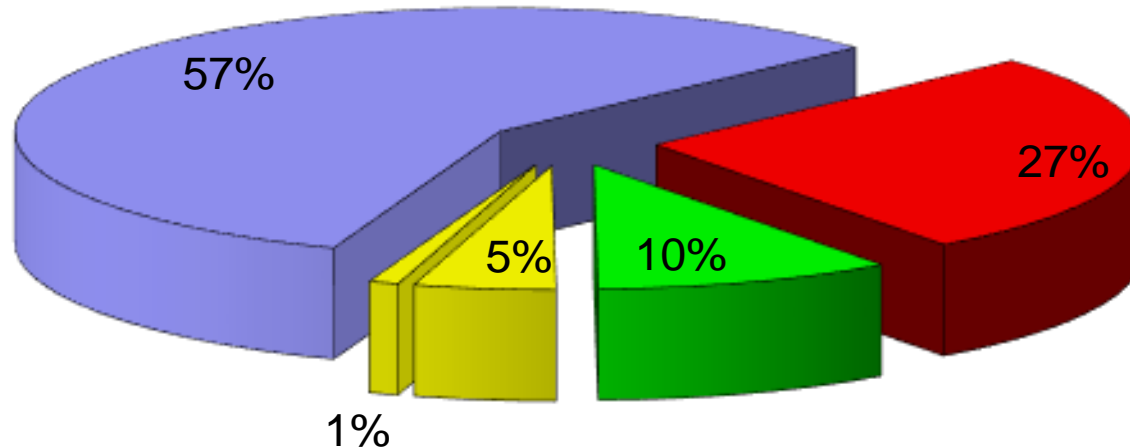
PhD Programmes

- Multidisciplinary Doctoral School of Engineering Sciences (September 2005)
 - Disciplines: Transportation Engineering, Civil Engineering and Information Sciences
- Doctoral School of Regional and Economic Sciences (February 2004)
- Doctoral School of Law and Political Sciences (September 2008)



Education in Numbers

- 11,700 students (thereof 500 international)
- 75% full time and 25% part time
- BSc – 88 %; MSc – 10 %; PhD – 2%



■ Engineering ■ Economics ■ Law ■ Health and social work ■ Music

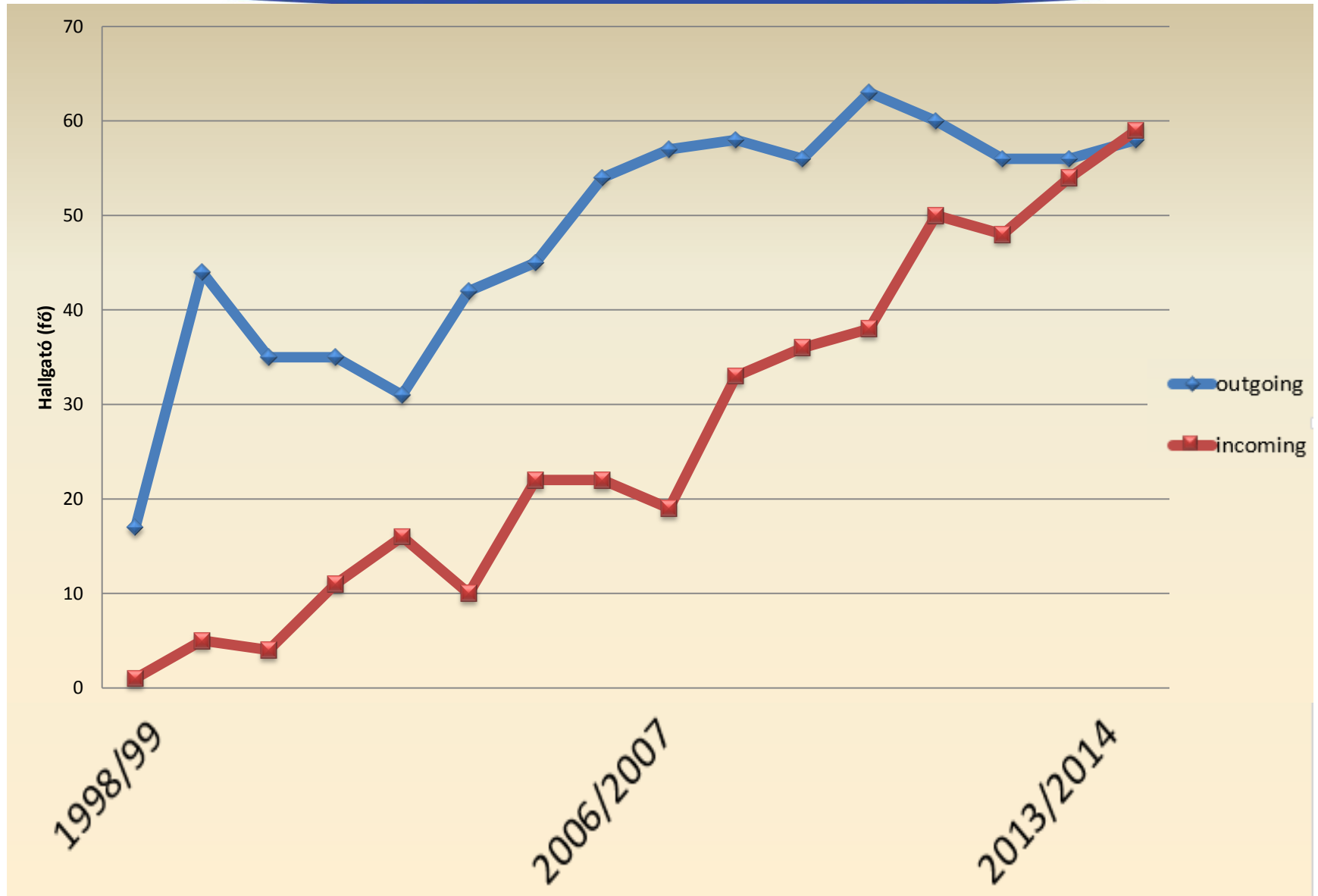
International Activities at the University

Degree Programs in foreign languages

- MSc Infrastructure Engineering (EN)
 - MSc Vehicle Engineering (DE)
 - MSc Marketing (EN)
-
- Exchange semester
 - Educational and R&D Projects
 - Cooperations
 - Staff Mobility
 - Events



Erasmus Students' Numbers

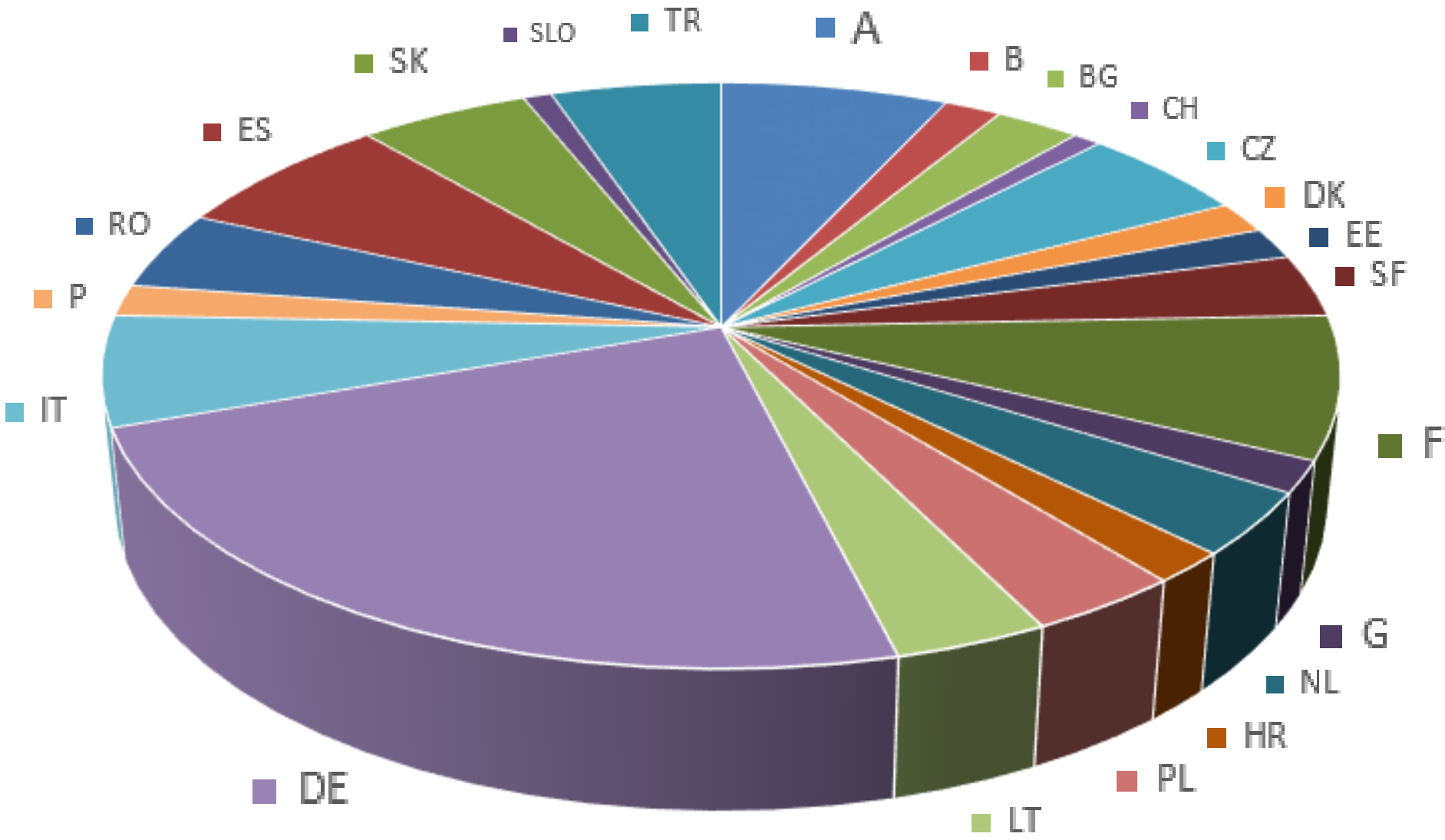


International Relations

- ERASMUS partners (122)
- General Cooperation Agreements (46)
- Additional decentralized cooperations



Erasmus Landscape by Country (2014)



PRACTICE ORIENTED EDUCATION



Strategic Cooperation with AUDI Hungaria Motor Ltd.

Win-win Situation

Industry	University
Well-qualified professionals	Well-equipped infrastructure and current know-how
Students prepared for professional environment	Keeping in touch with professional environment
Valuable R&D results	Experience and income

Major Elements of Cooperation

- Joint R&D projects
- Involvement of experienced professionals in higher education
- Temporary placement of academic staff in industry



Elements of Practice Oriented Education

- Dual Training (pilot)
- Internship
- Practising Foundation
- Voluntary Student Teams
- R&D projects



SZEngine Formula Student Team



<http://http://szengine.hu>

- Design
- Build
- Marketing
- of a state-of-the-art RACING ENGINE
- made by Formula students
- for the whole INTERNATIONAL STUDENT COMMUNITY



SZENERGY

- A group of passionate students and teachers
- Participation on the SHELL ECO-MARATHON EUROPEAN RACING SERIES since 2008
- The goal is to achieve the most efficient racing car powered by ALTERNATIVE ENERGY
- Urban-Solar 1st place(2008,2010)
- Urban-Solar Team Spirit award(2011)
- Urban-Solar 2nd place (2012)
- Battery Electric 4th place (2014)
- Urban Concept 1st place (2014)



Arrabona Racing Team

- A team of 30 enthusiastic mechanical, vehicle and electrical engineer students participating on the international FORMULA STUDENT CHAMPIONSHIP with an own-built RACING CAR founded in 2014
- Results
 - FS Hungary 14th of 44
 - FS Moscow 1st of 60



Study Competitions



<http://uni.sze.hu/gallery/album/id/105/>



- NATIONAL CONFERENCE OF MECHANICAL AND MECHATRONICS ENGINEER STUDENTS
- MARKETING CASE STUDIES
- 'PERBESZÉD' (Pleading) COMPETITION IN LEGAL STUDIES
- SCIENTIFIC STUDENT CONFERENCE
 - Local and
 - National

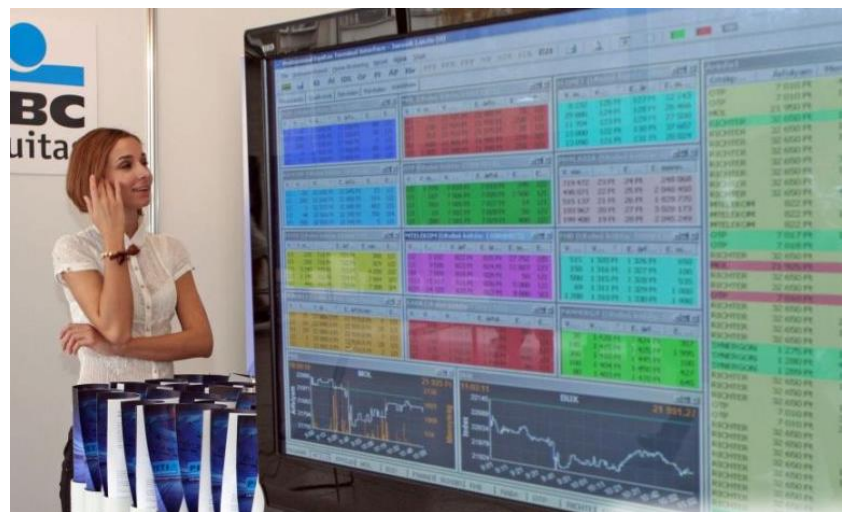


<http://tdk.sze.hu>



Focus on Development of Soft Skills

- Necessary competences in a professional environment beyond technical knowledge
 - Presentation
 - Communication
 - Teamwork
 - Assertivity
 - Time and self management
- Specialized department established in 2014: Department of Leadership and Organisational Communication



THANK YOU FOR YOUR ATTENTION!



<http://uni.sze.hu>

SZÉCHENYI 2020



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