



SVEUČILIŠTE U SPLITU,  
FAKULTET GRAĐEVINARSTVA,  
ARHITEKTURE I GEODEZIJE

Strategy of the Faculty of Civil Engineering,  
Architecture and Geodesy, University of Split  
for the period 2023 – 2027

# ANNEXES



Split, February 2024

## **Annex 1**

Overview of the analyses of FCEAG teaching and scientific capacity and community engagement capacity





**Table P1.1. Assessment of international teaching capacity (academic year 2021/2022)**

Core areas of study	Number of teachers able to teach the full workload in English	Outcome volume ECTS in the area and number of teaching hours (norm-hours) that can be provided in English	Coverage assessment
<b>Hydrotechnical Engineering</b>	Assistants 3 Sci.-tea. titles 8	204 ECTS/783 hrs lect.; 861 hrs ex.; 321 hrs sem./C +3 ECTS/15 hrs lect.; 30 hrs sem./GG + 2 ECTS/ 30 hrs lect.; 15 hrs ex./A	Area covered
<b>Structural Engineering</b>	Assistants 10 Sci.-tea. titles 18	356 ECTS/1454 hrs lect.; 2372 hrs ex./G +24 ECTS/150 hrs lect.; 285 hrs ex. /A	Area covered
<b>Engineering Mechanics</b>	Assistants 1 Sci.-tea. titles 2	35 ECTS/165 hrs lect.; 360 hrs ex.; 39 hrs sem./C	Area covered
<b>Geotechnical Engineering</b>	Assistants 0 Sci.-tea. titles 3 External assoc. 2 (Sci.-tea. titles 1 and teaching title 1)	66,5 ECTS/233 hrs lect.; 429 hrs ex.; 94 hrs sem./C	Area covered
<b>Transportation Engineering</b>	Assistants 1 Sci.-tea. titles 2 External assoc. 1 (teaching title)	68 ECTS/180 hrs lect.; 285 hrs ex./C +2 ECTS/30 hrs lect.; 45 hrs ex./A +5 ECTS//30 hrs lect.; 60 hrs ex./GG	Area covered
<b>Construction Management and Economics</b>	Assistants 1 Sci.-tea. titles 3 External assoc. 3 (2 Sci.-tea. and 1 teaching title)	89 ECTS/370 hrs lect.; 90 hrs ex.;/C +8 ECTS/75 hrs lect.; 30 hrs ex.; 15 hrs sem./A +4 ECTS/15 hrs lect.; 15 hrs ex./GG	Area covered
<b>Construction Materials</b>	Assistants 5 Sci.-tea. titles 5 Teaching titles 3 External assoc. 2	68.5 ECTS/ 645 hrs lect.; 1365 hrs ex. /C +14 ECTS/ 90 hrs lect.; 150 hrs ex. /A +27 ECTS/ 180 hrs lect.; 180 hrs ex. /GG	Area covered
<b>Natural Sciences and IT (Mathematics, Physics, Geometry, Computer Science)</b>	Assistants 0 Sci.-tea. titles 2	35 ECTS/144 hrs lect.; 267 hrs ex.; 110 hrs sem./C	Area covered
<b>Architectural Design</b>	Assistants 1 Sci.-tea. titles 1 Art.-tea. titles 8 External assoc. 18	132 ECTS/600 hrs lect.; 3270 hrs ex./ A	Area covered
<b>Architectural Heritage</b>	Sci.-tea. titles 1	14 ECTS / 90 hrs lect.; 90 hrs ex./ A +2 ECTS/ 30 hrs lect.; /C +3 ECTS/ 30 hrs lect.;/ GG	Area covered
<b>Theory and History of Architecture and Art</b>	Assistants 1 Sci.-tea. titles 1 External assoc. 2	17 ECTS/210 hrs lect.; 210 hrs ex. /A	Area covered
<b>Urban Planning</b>	Assistant 1 Sci.-tea. titles 2 Art.-tea. titles 1 External assoc. 3	33 ECTS/270 hrs lect.; 495 hrs ex.; 30 hrs sem. /A +2 ECTS/30 hrs lect./GG	Area covered
<b>Buildings</b>	Assistant 1 Sci.-tea. titles 3 External assoc. 3	28 ECTS/235 hrs lect.; 360 hrs ex./A +26 ECTS/150 hrs lect.; 210 hrs ex./C	Area covered
<b>Geodesy</b>	Assistants 3 Sci.-tea. titles 3 External assoc. 7 (Sci.-tea. titles 6 and 1 assoc.)	77 ECTS/460 hrs lect.; 890 hrs ex./GG +10 ECTS/60 hrs lect.; 150 hrs ex./C	Area covered
<b>Geoinformatics</b>	Assistants 3 Sci.-tea. titles 2 External assoc. 6 (Sci.-tea. titles 1 and 5 assoc.)	79 ECTS/375 hrs lect.; 620 hrs ex./GG +5 ECTS/30 hrs lect.; 30 hrs ex./C	Area covered

**Table P1.2. Projects in the area of advancement of higher education in the last 5 years (2018 – 2022)**

<b>ERASMUS+: 4 projects, 2 unsuccessful applications</b>		
<b>Project areas</b>	<b>Engagement mode</b>	<b>Assessment of research recognizability, observed deficiencies, etc.</b>
<b>MEMUD</b> (2016-2019) – joint master study programme in urban design	FCEAG partner	FCEAG is recognised as an important partner; cooperation is established with TU Vienna and the University of Ljubljana; round tables and pilot workshops are organised; one joint paper is published; cooperation and networking for new ERASMUS+ and INTERREG projects is established.  The disadvantage is that advertising and promotion are not financed.
<b>BESTSDI</b> (2016-2019) – permanent training of spatial data infrastructure experts		
<b>GEOBIZ</b> (2019-2022) – strengthening the capacity of academic institutions in relation to geoinformatics		
<b>MathSTEM</b> (2019-2021) – enhancing STEM students' knowledge and skills in mathematics		

<b>ESF – Operational Programme “Human Resources Development”: 3 projects</b>		
<b>Project areas</b>	<b>Engagement mode</b>	<b>Assessment of research recognizability, observed deficiencies, etc.</b>
<b>INTERSTRUCT</b> (2018-2021) – International study program Resilient Structures.	FCEAG partner	The recognised expertise of FCEAG in the field of structures and the international activities in this project contributed to the international visibility of FCEAG.
<b>LABIRINT</b> (2019-2022) – Development of occupational standards, qualifications and study programs in geodesy and geoinformatics (UP.03.1.1.03.0012).	FCEAG partner	The expertise of FCEAG is recognised in the field of geodesy and geoinformatics. Numerous activities involved both employers and the general public, contributing to the visibility of FCEAG.
<b>PRAG</b> – First career steps (2020-2023), development, improvement and implementation of professional training in higher education.	FCEAG developer	The project actively connected teachers and students with employers and representatives of professional associations and public bodies. Numerous activities contributed to the visibility of FCEAG in the civil engineering sector and the wider public.

**Table P1.3. Assessment of FCEAG supervisory-research capacity, per project**

<b>ERDF – Operational programme “Competitiveness and cohesion 2014-2020”: 7 projects: 1 project completed, 6 ongoing</b>		
<b>Project areas</b>	<b>Engagement mode</b>	<b>Assessment of research recognizability, observed deficiencies, etc.</b>
<b>INFRA</b> – Infrastructure project for construction and equipment of 11 Faculty laboratories “Implementation of Contemporary Research Infrastructure at FCEAG for Smart Specialization in Green and Energy Efficient Construction”.	FCEAG developer	The successful implementation of this project significantly improved the scientific and research infrastructure capacities of FCEAG. 11 research units were equipped. The project resulted in a significant increase in recognition of FCEAG and improvement of research opportunities and networking at all levels.
<b>CAAT</b> – Development of technology for assessment of autopurification capabilities of coastal waters.	FCEAG developer	The contribution of FCEAG is recognised through the successful organisation and management of multidisciplinary research teams to solve the most complex problems in the coastal area.
<b>STIM-REI</b> – Research, innovation and education in interdisciplinary topics covering water and the environment.	FCEAG partner	

**ERDF – Operational programme “Competitiveness and cohesion 2014-2020”: 7 projects: 1 project completed, 6 ongoing**

Project areas	Engagement mode	Assessment of research recognizability, observed deficiencies, etc.
<b>COMMON</b> – Application of innovative solutions for continuous coastal ecosystem monitoring as a foundation for their integral management.	FCEAG partner	
<b>Increasing the development of new products in the timber industry used in civil engineering –</b> Investigating the potential of hardwoods harvested in Croatian forests for the production of glued laminated timber (glulam).	FCEAG partner	FCEAG research is recognised in the field of selection and development of new environmentally friendly construction products.
<b>Development of drainage systems on horizontal surfaces made of permeable concrete –</b> Development of an innovative drainage system on horizontal surfaces made of permeable concrete, such as large parking lots.	FCEAG partner	The contribution of FCEAG researchers was recognised through the development of new drainage systems for large surfaces.
<b>VODIME</b> – Strengthening resilience to climate change by improving monitoring, forecasting, and planning of climate change adaptation measures.	FCEAG developer	The work of FCEAG researchers was recognised in the development of a decision support system to strengthen resilience to climate change.
<b>PINNA NOBILIS SSMA-19</b> – Applied industrial research of products in the nautical industry.	FCEAG partner	The contribution of FCEAG researchers was recognized in applied industrial research for the development of nautical industry products.

**ERDF – INTERREG projects (2014-2020): 7 projects: 7 completed**

Project areas	Engagement mode	Assessment of research recognizability, observed deficiencies, etc.
<b>AdSWiM</b> – Managed use of treated urban wastewater for the quality of the Adriatic Sea.	FCEAG partner	
<b>DEEP-SEA</b> – Development of energy efficiency planning and services for the mobility of Adriatic marinas.	FCEAG partner	
<b>E-CITIJENS</b> – Civil protection emergency decision support system (DSS) based on citizen journalism to improve the safety of the Adriatic Basin.	FCEAG partner	The work of FCEAG research groups in these projects was recognised in the areas of water resources management, solving the problem of marine pollution caused by vessels and microplastics, and in the area of increasing safety in the events of natural disasters.
<b>MoST</b> – Monitoring seawater intrusion in coastal aquifers and testing pilot projects to mitigate saltwater contamination.	FCEAG partner	
<b>NET4mPLASTIC</b> – New technologies for macro and microplastic detection and analysis in the Adriatic Basin.	FCEAG partner	
<b>PMO-GATE</b> – Preventing, managing and overcoming natural-hazards risks to mitigate economic and social impact.	FCEAG partner	
<b>Plastic Busters MPA</b> – Preserving biodiversity from plastics in Mediterranean Marine Protected Areas.	FCEAG partner	

Croatian Science Foundation (2018-2022): 6 projects: 3 completed and 3 ongoing		
Project areas	Engagement mode	Assessment of research recognizability, observed deficiencies, etc.
Influence of creep strain on the load capacity of steel and aluminium columns exposed to fire.	FCEAG developer	
Development of numerical models for reinforced-concrete and stone masonry structures under seismic loading based on discrete cracks.	FCEAG developer	
Seismic base isolation of a building by using natural materials - shake table testing and numerical modelling.	FCEAG developer	Scientific papers (20 published papers and several papers in the review process) in the journals in the first two quartiles. Three doctoral theses prepared. International cooperation was established with universities in Sheffield, Skopje, Penn State, Lisbon, Kiel, Oak Ridge National Laboratory, and others.
Experimental and numerical investigations of mechanisms in unsaturated geomaterials.	FCEAG developer	
Parameter estimation framework for fracture propagation problems under extreme mechanical loads.	FCEAG developer	
Multi-physics modelling of surface and subsurface waters.	FCEAG developer	

*Table P1.4. Community engagement capacity in the past five years (2018-2022), per project*

Cross-border cooperation projects INTERREG V-A Italy – Croatia 2014 – 2020: 7 completed projects		
Project areas	Engagement mode	Collaboration areas
<b>AdSWiM</b> (Managed use of treated urban wastewater for the quality of the Adriatic Sea)	FCEAG partner	Collaborating with partners in the area of improvement of the environmental quality of the Adriatic Sea through the planned use of purified wastewater, collection of biological parameters, use of analytical devices and innovative treatments to protect seawater, as well as the establishment and exchange of management models and assessment of the effectiveness of regulations.
<b>NET4mPLASTIC</b> (New technologies for macro and microplastic detection and analysis in the Adriatic Basin)	FCEAG partner	Collaborating with partners through cooperation in the exchange of knowledge about marine waste and changing traditional approaches, raising public awareness by developing an early warning system with a GIS database.
<b>PMO-GATE</b> (Preventing, managing and overcoming natural-hazards risks to mitigate economic and social impact)	FCEAG partner	Collaborating with partners by jointly developing an innovative methodology for preventing, managing and overcoming the multiple hazards of natural disasters in the involved regions of Italy and Croatia.
<b>DEEP-SEA</b> (Development of energy efficiency planning and services for the mobility of Adriatic marinas)	FCEAG partner	Collaborating with partners by building the competences of transport operators and public administrations in planning and implementing energy efficient transport, increasing the supply of innovative and sustainable transport services to passengers in marinas.



**Cross-border cooperation projects INTERREG V-A Italy – Croatia 2014 – 2020: 7 completed projects**

Project areas	Engagement mode	Collaboration areas
<b>E-CITIJENS</b> (Civil protection emergency decision support system (DSS) based on citizen journalism to enhance safety of Adriatic Basin)	FCEAG partner	Collaborating with partners in the area of the civil protection chain of command with a decision support system (DSS) based on social networks.
<b>MoST</b> (Monitoring seawater intrusion in coastal aquifers and testing pilot projects for mitigation of saltwater contamination)	FCEAG partner	Collaborating with partners in the area of agricultural production and environmental protection in regions affected by seawater and developing permanent cross-border cooperation of scientific institutions in the field of climate change.
<b>SeCure</b> (Saltwater intrusion and climate change: monitoring, countermeasures and informed governance)	FCEAG partner	Collaborating with partners in the design and implementation of countermeasures aimed at mitigating the salinity of agricultural soil and freshwater.

**Interreg Mediterranean, ERDF: 2 completed projects**

Project	Engagement mode	Collaboration areas
<b>CAMP-sUmp</b> (CAMPus sustainable university mobility plans in MED areas)	FCEAG partner	Collaborating with partners to improve instruments for planning sustainable urban mobility. Innovative mobility strategies aim to improve the movement of students within university campuses and their integration with urban areas in the Mediterranean.
<b>Plastic Busters MPA</b> (Preserving biodiversity from plastics in Mediterranean Marine Protected Areas)	FCEAG partner	Collaborating with partners on a multidisciplinary strategy and joint action framework for sustainable development (Sustainable Development Solutions Network).

**Projects co-financed by the European Fund for Regional Development, Operational Programme Competitiveness and Cohesion 2014-2020: 9 completed projects**

Project	Engagement mode	Collaboration areas
<b>COMON</b> – Coastal area monitoring using multiscale methods	FCEAG developer	Collaborating with partner company Zelena infrastruktura to find new methodologies for coastal water monitoring on different scales.
<b>CAAT</b> – Development of technology for assessment of autopurification capabilities of coastal waters	FCEAG developer	Collaborating with research institutions in the field of fundamental research in the field of oceanographic and atmospheric modeling.
<b>PINNA NOBILIS SSMA-19</b> Increasing the development of new products and services resulting from research and development activities – phase II	FCEAG partner	The general goal of the project is to increase the quality of services in tourism and maritime and river transport with an emphasis on the application of sustainable technologies and the preservation of natural water ecosystems
<b>PERM BETON</b> Development of a drainage system on permeable concrete horizontal surfaces	FCEAG partner	The rapid growth of urban areas and climate change result in increased problems of drainage and stormwater disposal in urban areas. New engineering and technological solutions are necessary to meet the new conditions.

**Projects co-financed by the European Fund for Regional Development, Operational Programme Competitiveness and Cohesion 2014-2020: 9 completed projects**

Project	Engagement mode	Collaboration areas
<b>VODIME</b> – Waters of the Imotski region	FCEAG developer	Collaborating with research institutions in the preparation of an integral study containing climate change adaptation measures in the water resource management, agriculture, energy and tourism sectors in the region.
Development and application of advanced construction materials in the construction of healthy buildings	FCEAG partner	In collaboration with research partners, research was carried out in the field of production of new composite construction materials with high absorption rate of electromagnetic radiation.
Competence centre for advanced mobility	FCEAG partner	In collaboration with companies, new knowledge and technologies, and research and development will be applied to optimise production, increase quality, shorten production period, and increase the competitiveness of partners with knowledge-based products and services.
Increasing the development of new timber industry products used in construction	FCEAG partner	In collaboration with the company Drvene konstrukcije d.o.o., the unexploited potential of hardwoods in Croatian forests is investigated.
Implementation of Contemporary Research Infrastructure at FCEAG for Smart Specialization in Green and Energy Efficient Construction – <b>INFRA</b>	FCEAG developer	In the past period, FCEAG made a significant infrastructural step towards connecting with the industry in the areas of innovation and technology transfer, completing a major infrastructure project involving construction, renovation and equipment of 11 Faculty laboratories.

**Projects financed by the European Social Fund: 3 completed projects**

Project	Engagement mode	Collaboration areas
<b>PRAG</b> – First career steps	FCEAG developer	Improving the quality of mentoring and professional training system and the implementation of professional training in the studies of civil engineering, architecture and urban planning, geodesy and geoinformatics.
<b>LABIRINT</b> Development of occupational standards, qualifications and study programs in geodesy and geoinformatics	FCEAG partner	The goal of the project is to improve existing study programs in the field of geodesy and geoinformatics according to the CQF methodology.
International study program Resilient Structures ( <b>InterStruct</b> )	FCEAG partner	The project proposes the introduction of a new university graduate study program in civil engineering – Resilient Structures, taught in English. The program is based on project-based learning and contemporary teaching methods.

**Table P1.5. International networking capacity**

Activity	Collaboration areas
<p>Signed three cooperation agreements with foreign higher education institutions:</p> <ol style="list-style-type: none"> <li>1. University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture</li> <li>2. Faculty of Civil Engineering, Czech Technical University in Prague</li> <li>3. Budapest University of Technology and Economics</li> </ol>	<p>Improving the quality of mentoring and professional training system and the implementation of professional training in the studies of civil engineering, architecture and urban planning, geodesy and geoinformatics.</p>
<p>Signed Partnership Agreements as part of projects implemented within the Cross-Border Cooperation Programme INTERREG V-A Italy – Croatia 2014 – 2020; 2018 – 2022</p>	<p>National Institute of Geophysics and Volcanology, University of Ferrara, University of Padova, CNR – National Research Council, Alma Mater Studiorum – University of Bologna, University of Trieste, Department of Engineering and Architecture, Istituto Zooprofilattico Sperimentale dell Abruzzo e del Molise, Hydra Solutions SRL, Padova, University of Udine, CAFC d.o.o. Udine, National Institute of Oceanography and Experimental Geophysics – OGS, Politechnic University of Marche, Ancona, National Research Council, Institute of Crystallography, Roma, University of Trieste, Italian National Institute for Environmental Protection and Research (ISPRA), University of Siena, Department of Physical Sciences, Earth and Environment (UNISI), Corsican Agency for Environment (OEC), Spanish Oceanographic Institute, Balearic Center of Oceanography (IEO-COB), Hellenic Centre for Marine Research, Institute of Oceanography (HCMR), French Research Institute for Exploitation of the Sea, Department of Oceanography and Ecosystem Dynamics (IFREMER).</p>

**Table P1.6. Science promotion activities**

Activity	Collaboration areas
<p>Active participation in the University of Split Science Festival by organising open-door days, popular lectures for the public and high school students, scientific and professional forums on a range of topics (water protection, structures, computational mechanics, geodesy, etc.)</p>	<p>As one of the constituents of the University of Split, FCEAG traditionally participates in the Science Festival.</p>
<p>Active participation in the European Researchers' Night by organising visits to grammar schools and vocational schools (especially before admission period) and by organising visits to FCEAG open doors days.</p>	<p>Public events organised by FCEAG as part of European Researchers' Night project.</p>

**Table P1.7. Networking and collaboration with local community, national and international companies**

Activity	
Seven scientific and research cooperation agreements signed with economic operators.	Pomorski centar za elektroniku d.o.o. Split, Trivium d.o.o. Split, GISplan d.o.o. Split, Master Builders Solutions GmbH Zagreb, Geoprojekt d.d. Split, Rõfix d.o.o. D. Pušća, Steel works d.o.o. Ježdovec.
Three partnership agreements on scientific projects signed with companies.	Zelena infrastruktura d.o.o. za zaštitu okoliša i prostorno uređenje, Zagreb (COMON), Prosoft d.o.o. Rijeka (NET4mPLASTIC), CAFC d.o.o. Udine (AdSWiM).
Agreements signed with 27 work-integrated learning centres.	Drvene konstrukcije d.o.o., Geotehničko projektiranje d.o.o., ARP d.o.o., Pomgrad inženjering d.o.o., Klukas d.o.o., Održivo d.o.o., IGH d.d., Geodetski inženjerski ured d.o.o., Vodovod i kanalizacija d.o.o., Hauraton Hrvatska d.o.o., HGK, Roterm d.o.o., Stablnost d.o.o., Geoprojekt d.d., Ured Branka Juras d.o.o., Spegra d.o.o., Crivac završni radovi d.o.o., Superposition, Cemex Hrvatska d.d., Dracomerx d.o.o., Lavčević d.o.o., Marking d.o.o., Obala d.o.o., Spegra inženjering d.o.o., Poduzeće za ceste Split d.d., TUB d.o.o., Wienerberger Ilovac d.d.

**Table P1.8. Participation in professional projects and preparation of strategies for the local community**

Activity	Collaboration areas
Active participation in more than 80 projects at the local and national level.	<p>Selected projects:</p> <p>Preparation of project planning documentation for the construction of the Regional Transfusion Medicine Center for Clinical Hospital Centre Split - Blood Bank; Project development for Innovation Incubator (3i) in Knin; Project Design for the Research and Innovation Center of the University of Split; Program development for the implementation of an architectural-urban planning tender for the Zadar Airport passenger terminal; Load testing of the Svilaj bridge and the Drazej, Gorenja Vas and Dolenja Vas viaducts; Project development for Ombla bridge renovation project; Construction project for one section of the Omiš bypass: Section DC70 - Cetina bridge - Omiš east; Concept design and environmental impact assessment studies, implementation of geodetic and geotechnical investigation works for the planned state road Zagvozd-Imotski; Concept design, implementation of geodetic and geotechnical works on road D8, section Mravince - TTTS; Review of the concept designs for the regional water supply system of the Makarska coastal region, water supply in the service area managed by Komunalac d.o.o. Biograd na Moru, Knin water supply system and Dubrovnik water supply system; Project for the construction of wastewater treatment plants for the agglomeration of Jelsa-Vrboska and the agglomeration of Stari Grad; Project development for renovation of hydrotechnical tunnel Popova šuma in the water supply system of the town of Petrinja; Historical surveying of Diocletian's aqueduct; Zoo Project in Marjan Park Forest; Review of project documentation for the structural damage remediation after the earthquake in Zagreb (Archbishop's Palace and the Archbishop's Spiritual Table); Update of the master design of the Cambi Tower and Summer House in Kaštel Kambelovac; Renovation project of Galerija Meštrović building; Monitoring of the physical parameters of the water and preparation of a report on the state of the physical parameters of the water in Lake Prokljan.</p>
Several projects were implemented in cooperation with the city of Split.	<p>Selected projects:</p> <p>Advisory services, GIS layer maintenance services and user education; Supplementing the City of Split GIS viewer data; Development of a microsimulation model of the road exit from the city port with the aim of increasing safety and traffic capacity.</p>
FCEAG participates in the preparation of strategies for the local community.	FCEAG participates in the development of the City of Split Development Strategy 2030, the creation of the Management Plan for the Coastal Area of the City of Kaštela, the mapping of the natural and cultural resources of Solin and Split, and the climate change adaptation plan for the Jadro River area.

## **Annex 2**

Overview of the achievement of objectives established in the preceding Strategy and achieved through the planned activities



The preceding strategy defined the performance indicators for achievement of objectives. Activities established for each objective are assessed as: *achieved*, *partially achieved* or *not achieved* (when the subgoal activity is assessed as partially achieved or not achieved, reasons are given for this assessment).

## Teaching activities

**Table P2.1.** Analysis of the achievement of strategic objectives for the previous period – teaching activities

*Principal objective – STRATEGIC OBJECTIVE 1. Improve the compatibility of teaching programs with European programs. Constantly improve the existing programs and introduce new undergraduate, graduate and postgraduate programs that are recognizable and attractive to students, with clearly defined learning outcomes and consistent with the long-term needs of the community, the economy and the development of society.*

<b>Subgoal 1.1</b>	
<b>Improve the compatibility of teaching programs with European programs. Constantly improve the existing programs and introduce new undergraduate, graduate and postgraduate programs that are recognisable and attractive to students.</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Developing greater flexibility of study programs by increasing the number of elective courses with the aim of allowing students to specialise in the desired field.	<b>Partially achieved.</b> In the civil engineering study programs, the number of elective courses has increased, but the flexibility of the study program has not increased. In the architecture and urban planning study programs, the goal was achieved, but not in the geodesy and geoinformatics study programs, due to a lack of teachers.
Improving the quality control system for evaluating learning outcomes.	<b>Achieved.</b>
Regular review of study programs with the aim of improving quality.	<b>Partially achieved.</b> The goal was achieved in the study programs in civil engineering, and architecture and urban planning. The goal was not achieved in the geodesy and geoinformatics study programs due to correlation with the Faculty of Geodesy in Zagreb, where the students continue their education.
Alignment of the student's actual workload with the ECTS credits awarded for each course.	<b>Not achieved.</b> The planned activity from the previous period required organising meetings and group work and was postponed due to the pandemic. The activity started in 2022, and the results are expected in the following period.
Strengthen cooperation with foreign higher education institutions, especially in Europe, through joint applications for projects in the EU Lifelong Learning programme.	<b>Partially achieved.</b> Cooperation with foreign higher education institutions was established in the Architecture and Urbanism study programs through the Erasmus+ programme.
Development of qualifications in accordance with the standards defined in the Croatian Qualification Framework and in connection with the European Qualification Framework.	<b>Partially achieved.</b> Partially achieved for geodesy and geoinformatics (3 qualifications in the evaluation process in the CQF register).

**Subgoal 1.1**

**Improve the compatibility of teaching programs with European programs. Constantly improve the existing programs and introduce new undergraduate, graduate and postgraduate programs that are recognisable and attractive to students.**

Activity	Degree of goal fulfilment as a result of activities
Analysis of pass rates by study programs and reaching conclusions and introducing measures to improve pass rates.	<p><b>Partially achieved.</b></p> <p>Pass rate analyses are carried out annually, and possible measures are considered in cooperation with the vice dean/teacher. There is no formal plan with measures. The free preparatory seminar is held continuously for all students enrolled with a focus on mathematics, which in later analysis proved to be a successful measure for increasing the success of the studies.</p> <p>Detailed analysis of the additional verification of knowledge, skills and abilities at enrolment was carried out for the undergraduate university study program Architecture and Urban Planning with the aim of improving and increasing the success of studies.</p>
Developing current and defining new qualifications, units and learning outcomes in cooperation with the industry and in accordance with market demands.	<p><b>Partially achieved.</b></p> <p>Partially achieved for geodesy and geoinformatics (3 qualifications in the evaluation process in the CQF register).</p>
Advancing teacher competencies through workshops and lectures on the topics of teaching based on learning outcomes.	<p><b>Partially achieved.</b></p> <p>As part of the PRAG project and at the University, several workshops were held in which 15 teachers participated. As part of the LABIRINT project, several workshops were held in which 2 teachers participated.</p>
Ensuring advancement of teaching competencies of teachers.	<p><b>Partially achieved.</b></p> <p>As part of the PRAG project and at the University, several workshops were held in which 15 teachers participated.</p>
Increasing the number of successful students in study programs.	<p><b>Not achieved.</b></p> <p>Despite the analyses and measures carried out, the study success has not increased.</p>
Introducing the topic of ethics in science and the methodology of scientific research in all study programs at the graduate level (already introduced at the postgraduate level).	<p><b>Partially achieved.</b></p> <p>Though not formalized in the study program, the promotion of professional ethics is discussed in group and individual work in all study programs.</p>
Advancing the promotion of professional ethics and anti-corruption policy among students in terms of independence and responsibility.	<p><b>Partially achieved.</b></p> <p>Although not formalised in the study program, the promotion of professional ethics is discussed in group and individual work in all study programs.</p>
Developing new specialised study programs (in Croatian and English) at CQF 7 according to market demands in the Republic of Croatia and the EU.	<p><b>Not achieved.</b></p> <p>In the previous period, there was no need to develop new specialised study programs.</p>
Developing popular interdisciplinary graduate study programs.	<p><b>Not achieved.</b></p> <p>Taking into account the necessary professional qualifications harmonised with the professional chambers and the corresponding legal regulations, in the previous period, there was no need to introduce interdisciplinary graduate study programs.</p>



**Subgoal 1.1**

**Improve the compatibility of teaching programs with European programs. Constantly improve the existing programs and introduce new undergraduate, graduate and postgraduate programs that are recognisable and attractive to students.**

Activity	Degree of goal fulfilment as a result of activities
Development and advancement of laboratory units by implementing the project: "Implementation of Contemporary Scientific Research Infrastructure at FCEAG for Smart Specialization in Green and Energy Efficient Construction" (INFRA), ensuring recognition and competence in providing study programs in the broader field of civil engineering, architecture and urban planning, and geodesy and geoinformatics.	<b>Achieved.</b>

**Subgoal 1.2**

**Increasing incoming and outgoing international, national, inter-university and intra-university mobility of students and teachers**

Activity	Degree of goal fulfilment as a result of activities
Consistently providing information to students and teachers about mobility programs.	<b>Achieved.</b>
Increasing the number of students in the system of incoming and outgoing inter-university mobility.	<b>Achieved.</b>
Increasing intra-university mobility.	<b>Partially achieved.</b> Only full-time doctoral students attend courses outside the Faculty. The undergraduate and graduate study system enables students to take elective courses at other University constituents. The reason for not reaching the set goal of 2% is low awareness and lack of motivation from students to take courses provided by other constituents.
Increasing the inter-university incoming mobility of teachers.	<b>Achieved.</b>
Increasing the outgoing mobility of teachers.	<b>Achieved.</b>

**Subgoal 1.3:**

**Increasing cooperation with industry and local and regional government units in defining learning outcomes**

Activity	Degree of goal fulfilment as a result of activities
Formalising the protocol of continuous cooperation with the Faculty alumni association with the aim of regular improvement of the planned learning outcomes.	<b>Partially achieved.</b> As part of the PRAG project, a digital platform is created with an alumni members cooperation module, aimed at dynamic and documented cooperation on various issues.
To achieve a permanent system of improving learning outcomes in cooperation with institutions such as the Croatian Chamber of Civil Engineers, the Croatian Chamber of Certified Geodesy Engineers and related professional associations.	<b>Partially achieved.</b> As part of the PRAG project, professional associations participated in developing professional training models. Members of professional associations evaluated the created models, with suggestions included in the study programs.

**Subgoal 1.4**

**Development of innovative content based on information and communication technology**

Activity	Degree of goal fulfilment as a result of activities
Developing e-learning for as many subjects as possible (improve existing blended learning with better and more integrated use of the Moodle system).	<b>Achieved.</b>
Developing specific methods that encourage student participation, such as workshops and various forms of professional training.	<b>Achieved.</b>

**Subgoal 1.4****Development of innovative content based on information and communication technology**

Activity	Degree of goal fulfilment as a result of activities
Organising teaching staff education program for the preparation of e-courses.	<p><b>Partially achieved.</b></p> <p>During the COVID crisis, instructions were created and the use of the Teams platform was introduced for conducting online classes and remote teaching via web cameras, as well as advanced use of e-learning (creating exams and video recordings of lectures).</p>

**Subgoal 1.5****Increase the level of cooperation with work-integrated learning centres, i.e. organisations connecting practical training, science, the arts and higher education**

Activity	Degree of goal fulfilment as a result of activities
Increasing the number of students who complete professional training in a WIL centre.	<b>Achieved.</b>
Increasing the number of expert consultants from WIL centres for final/diploma theses.	<p><b>Partially achieved.</b></p> <p>The carrying out of this activity in WIL centres was prevented by the pandemic classes schedule and operational limitations.</p>
Ensuring the development of teaching competencies of associates from teaching bases.	<b>Achieved.</b>
Cooperating with WIL centres in the process of applying for joint projects in the field of advancing higher education.	<b>Achieved.</b>
Including two weeks of professional training in the annual calendar of teaching activities.	<p><b>Partially achieved.</b></p> <p>Professional training is part of teaching activities according to the implementation plans (there is no need for a special allocation of implementation dates).</p>

**Subgoal 1.6****Enhancing the integration of lifelong learning into the educational process**

Activity	Degree of goal fulfilment as a result of activities
Creating a protocol for evaluating non-formal and informal learning.	<p><b>Partially achieved.</b></p> <p>The development of teacher competencies resulted in the evaluation of non-formal and informal learning at the Faculty (e.g. Protocol on admissions to the graduate university study in Architecture and Urban Planning, related study program workshops, individual courses attended by students with professional work experience). Therefore, the preparation of the protocol planned in the previous period is no longer necessary.</p>
Raising awareness of the importance of including informal and non-formal learning via human resources development projects, educational activities, etc.	<b>Achieved.</b>
Aligning with the standards defined in the Croatian Qualification Framework.	<b>Achieved.</b>
Encouraging teachers to organize and implement programs in the framework of lifelong learning.	<b>Achieved.</b>

## Students

**Table P2.2.** Analysis of the achievement of strategic objectives for the previous period – students

<b>Principal objective – STRATEGIC OBJECTIVE 2. Continuously develop the student standard, provide a pleasant and stimulating environment for quality and efficient studying, applying the principle of equal opportunities for all students</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Increasing the number of students involved in cultural-artistic, sports-recreational, humanitarian and social activities.	<b>Achieved.</b>
Supporting the social, cultural-artistic, sports-recreational, humanitarian and social activities of the students.	<b>Achieved.</b>
Supporting the activities of the Student Assembly related to applications for student projects aimed at securing funding for field teaching and student workshops and conferences.	<b>Achieved.</b>

## Scientific research activities and international recognition

**Table P2.3.** Analysis of the achievement of strategic objectives for the previous period – scientific research activity and international recognition

*Principal objective – STRATEGIC OBJECTIVE 3. Increasing recognition in the European Research Area, as the scientific research activities of FCEAG contribute to the development of the region, the Republic of Croatia and the EU*

<b>Subgoal 3.1: Identifying and increasing FCEAG research and innovation capacities</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Identifying FCEAG research capacities.	<b>Achieved.</b>
Increasing FCEAG research capacities with an emphasis on interdisciplinary research, development and integration of experimental and computational research, innovation, knowledge transfer and cooperation with the industry.	<b>Achieved.</b>
<b>Subgoal 3.2: Increasing research funding from structural and other EU funds</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Preparing project proposals for EU funding programmes that support research and infrastructure projects (continue applying projects for open and upcoming calls for Horizon 2020, FP9, etc.; creating a stimulating atmosphere for junior researchers and doctoral students to participate in the processes of searching for partners and preparing proposals).	<p><b>Partially achieved.</b></p> <p>An encouraging atmosphere is continuously created for junior researchers and doctoral students to participate in the process of searching for partners and preparing proposals.</p> <p>The ratio of the number of submitted proposals and contracted projects (10:2 for H2020 and the upcoming FP9 or other calls) has not been reached, despite efforts.</p> <p>The growth of research funding from EU funds is significant compared to the previous period. However, the planned annual growth of min. 20% from the time of finalisation of the INFRA project was not reached, primarily due to the limited time period from the successful completion of the INFRA project.</p>

**Subgoal 3.2:****Increasing research funding from structural and other EU funds**

Activity	Degree of goal fulfilment as a result of activities
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The finalisation of the INFRA project will strengthen research capacity due to infrastructure and laboratory development, providing better opportunities for EU funding project applications.

**Achieved.**

**Subgoal 3.3:****Impact the progress of the region, the Republic of Croatia, or the European Union through project outcomes**

Activity	Degree of goal fulfilment as a result of activities
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Applying for national and international projects that will contribute to the development of the region, the Republic of Croatia or the EU.

**Achieved.**

**Subgoal 3.4:****Promote collaboration with both private and public sectors of the economy**

Activity	Degree of goal fulfilment as a result of activities
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Facilitating continuous cooperation between the economy and FCEAG in the application of projects in the field of scientific and research activities.

**Partially achieved.**

A total of 11 scientific research and development projects were contracted in partnership with economic entities in the past period.

Facilitating the faster application of scientific achievements in solving problems through professional and scientific research, preparing diploma theses, and the participation of students in everyday engineering practice.

**Partially achieved.**

One part of the students is involved in the work on topics with greater application potential; however, there is no platform that would assist the placement of those ideas. Certain improvements are made in creating a framework that would promote such work. Namely, in the past period, the network of Faculty WIL centres was significantly improved. Due to objective reasons primarily caused by COVID, the targeted goal of 10% of students and doctoral students involved in applied topics was not reached.

**Subgoal 3.5:****Upholding and advocating for the principles of social and ethical responsibility in research and critical thinking**

Activity	Degree of goal fulfilment as a result of activities
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Enhancing scientific research ethical principles, i.e. adopting the FCEAG code of ethics.

**Achieved.**

Preventative use of anti-plagiarism software to check the originality of scientific papers, and providing instruction on copyright and open educational resources in doctoral studies.

**Achieved.**

Encouraging publication in open access journals (high IF, no publishing fees).

**Achieved.**

*Principal objective – STRATEGIC OBJECTIVE 4. FCEAG develops and encourages interdisciplinary research*

**Subgoal 4.1:****Development of interdisciplinary research at FCEAG**

Activity	Degree of goal fulfilment as a result of activities
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Developing interdisciplinary research by networking between departments, creating new research groups and scientific topics.

**Achieved.**

**Subgoal 4.2:****Joint applications of interdisciplinary projects with national and international scientific research institutions and economic entities**

Activity	Degree of goal fulfilment as a result of activities
Applying to EU funding calls and other programmes with competitive national and international interdisciplinary projects with current and new partners.	<b>Partially achieved.</b> The growth of research funding from EU funds is significant compared to the previous period. However, the planned annual growth in the number of applications or value of interdisciplinary projects of min. 20% was not reached from the time of finalisation of the INFRA project, primarily due to the limited time period between the INFRA project completion (2021) and the year of analysis (2022).
Developing new scientific and applied achievements based on interdisciplinary research.	<b>Not achieved.</b> Insufficient motivation of scientists to accomplish original applications based on the results of interdisciplinary research.

**Subgoal 4.3:****Involvement in the smart specialisation process at the level of the Republic of Croatia and the University of Split**

Activity	Degree of goal fulfilment as a result of activities
Involvement of FCEAG at the level of the University, the region, and the Republic of Croatia in the processes of smart specialisation and connecting science and economy.	<b>Achieved.</b>
Achieving knowledge transfer based on research results related to the smart specialisation process.	<b>Not achieved.</b> Lack of motivation of scientists for patent applications or establishing start-up and spin-off companies.

**Subgoal 4.4:****Establishing a joint doctoral school at the University level based on interdisciplinary research**

Activity	Degree of goal fulfilment as a result of activities
The formation of a doctoral school encompassing several fields of engineering sciences and biotechnology and allowing for development of new interdisciplinary research, in cooperation with FESB, KTF, Faculty of Maritime Studies, PMF, university departments and other constituents.	<b>Not achieved.</b> The University decision to organise doctoral schools at the University level was changed. The activities related to the doctoral school that encompasses several fields in engineering sciences and biotechnology at the University level have been discontinued.

*Principal objective – STRATEGIC OBJECTIVE 5. Strengthening international cooperation and mobility***Subgoal 5.1:****Organising graduate and postgraduate studies in English**

Activity	Degree of goal fulfilment as a result of activities
Implementing courses taught in English at graduate and/or postgraduate studies (continue advertising the current prepared study programs in water resources, and architecture and urban planning, in accordance with the University's recent initiative).	<b>Partially achieved.</b> University graduate study programs taught in English ("Water Resources and Environmental Engineering" and "Architecture and Urban Planning in Mediterranean Environment") were developed and approved in the previous period. Although the programs were continuously advertised, due to the lack of interest, the programs were never fully implemented. Currently, there is not enough capacity to realise these study programs, especially in terms of teaching staff.

<b>Subgoal 5.1: Organising graduate and postgraduate studies in English</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Implementation of the Middle European Joint Master of Urban Design project serves as a framework for development of the joint graduate study program in English organised by FCEAG, TU Wien and the Faculty of Architecture in Ljubljana.	<b>Not achieved.</b> Considering the necessary professional qualifications harmonized with the professional chambers and the corresponding legal regulations, there was no demand for this study program in the period considered.
<b>Subgoal 5.2: Increasing the number of joint doctorate agreements</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Increasing the number of joint doctorate agreements in cooperation with international partners that have at least an equal ranking of research excellence and through personal contacts.	<b>Partially achieved.</b> One new joint doctorate agreement signed.
<b>Subgoal 5.3: Organising joint workshops and summer schools for doctoral students</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Supporting and participating at a pico conference in the STEM field, participation of junior researchers at the "Common Foundations" conference organised by the Association of Croatian Civil Engineering Faculties, organisation of summer school in cooperation with foreign supervisors/scientists.	<b>Achieved.</b>
<b>Subgoal 5.4: Increasing the number of scientific lectures delivered by foreign scientists</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Organising more lectures delivered by foreign scientists (using collaborations with international partners, personal contacts and joint work on projects).	<b>Not achieved.</b> The main reasons for not achieving this goal are the COVID crisis and disruption in travel arrangements on a global level.
<b>Subgoal 5.5: Increase the number of projects with other foreign universities, laboratories and economic operators</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Creating a network of foreign partner organisations for applications to the EU and other competitive projects.	<b>Partially achieved.</b> In the past period, the Faculty has been involved in two bilateral and ten development projects in cooperation with foreign organisations.
<b>Subgoal 5.6: Encouraging incoming and outgoing mobility of researchers, participating in the ERASMUS+ mobility programme</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Establishing cooperation with new international partners and increasing the number of mobilities achieved (sustainable growth).	<b>Achieved.</b>

**Subgoal 5.7. Enhancing visibility and quality of the “International Journal for Engineering Modelling”**

Activity	Degree of goal fulfilment as a result of activities
Achieving regular publication schedule, creating journal website and online journal edition.	<b>Achieved.</b>

*Principal objective – STRATEGIC OBJECTIVE 6. Strengthening of infrastructure capacities*

**Subgoal 6.1: Updating, renovating, and building laboratory facilities**

Activity	Degree of goal fulfilment as a result of activities
Constructing new and renovating existing laboratory facilities will allow the use of the equipment for the development of scientific research at FCEAG.	<b>Achieved.</b>

**Subgoal 6.2. Acquisition of scientific and research equipment**

Activity	Degree of goal fulfilment as a result of activities
The procurement of contemporary scientific and research laboratory equipment will enable the development of scientific research at FCEAG.	<b>Achieved.</b>

**Subgoal 6.3. Optimal management of equipment use and research groups activities**

Activity	Degree of goal fulfilment as a result of activities
Setting up research laboratories and establishing a joint body for management, coordination and administration of scientific projects, i.e. equipment and researchers.	<b>Partially achieved.</b> Laboratories were established. Regulations on the operation of laboratories and lab equipment are prepared. There is an insufficient number of auxiliary staff or lab assistants.

## Artistic activities

**Table P2.4.** Analysis of the achievement of strategic objectives for the previous period – artistic activities

*Principal objective – STRATEGIC OBJECTIVE 7. Advancing the recognition of the Faculty of Civil Engineering, Architecture and Geodesy by high standards in artistic creativity in the field of architectural and urban design and planning, proven by excellent results achieved by professors and students on a national and international level*

**Subgoal 7.1: Achieving maximum results of artistic work**

Activity	Degree of goal fulfilment as a result of activities
Motivating artists to participate in national and international competitions and exhibitions by providing conditions at the local level (financial support, facilities, etc.).	<b>Achieved.</b>
Maintain the current level of international cooperation on artistic projects (guest lectures, organising and participating in seminars, architectural and urban planning workshops in Croatia and abroad).	<b>Achieved.</b>

<b>Subgoal 7.2: Implementing study programs for qualification levels 7. i 8.2 in artistic fields</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Designing and implementing a postgraduate specialist one-year international study program in architecture and urban planning, and a three-year artistic doctoral study program in architecture and urban planning, independently or in cooperation with architecture schools in Croatia or abroad.	<b>Not achieved.</b> The activity was not carried out due to insufficient human resources capacity.
Defining the status of assistants in the field of art and planning the system of advancement of artist assistants, enabling them to obtain the degree of Doctor of Arts in Croatia or abroad.	<b>Not achieved.</b> There is still no possibility to obtain a doctorate in arts in the field of architecture in Croatia.
<b>Subgoal 7.3: Foster a positive environment for artistic creativity</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Supporting the formation of teacher art groups that involve students in individual art projects.	<b>Partially achieved.</b> A joint scientific-artistic group SAR LISTA was formed, but still without student participation.
Employing already established designers as assistants with the option of advancement to artistic titles (no obligation of doctoral studies).	<b>Partially achieved.</b> Suitable development job positions were not opened in the previous period. However, despite the limitations regarding permanent employment, the study of architecture and urban planning is constantly developed in terms of staff, through the engagement of established designers as adjunct assistants and assistant professors.
Providing material resources and facilities for artistic creativity.	<b>Achieved.</b>
Increasing the level of participation of Croatian artists and renowned architects in classes (guest lectures, guest critics of final presentations of architectural and urban planning workshops).	<b>Achieved.</b>
<b>Subgoal 7.4: Maximum development of international cooperation and artist exchange programs</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Further strengthening the program of visiting artists.	<b>Achieved.</b>
Using Erasmus and similar exchange programmes for students, junior researchers and assistants, as well as teacher mobility programs in the field of arts.	<b>Achieved.</b>
Increasing the level of participation of Croatian and foreign artists in international architectural and urban planning workshops organised by FCEAG.	<b>Achieved.</b>
<b>Subgoal 7.5: Increasing revenue from artistic activities</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Engaging in European programmes corresponding to the needs of Faculty artistic activities.	<b>Achieved.</b>
Establishing artistic cooperation with units of local and regional self-government (developing studies and spatial analyses as a basis for adopting strategies and spatial planning documentation).	<b>Achieved.</b>



## Community engagement

**Table P2.5.** Analysis of the achievement of strategic objectives for the previous period – community engagement

*Principal objective – STRATEGIC OBJECTIVE 8. Continuously develop the relationship with the community and contribute to the improvement of the competences of society and the economy*

<b>Subgoal 8.1: Establish cooperation with new industry partners (HR, EU)</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Forming a team of researchers to find partners in the industry (harmonised with the INFRA project, i.e. partners defined in the project).	<b>Achieved.</b>
Identifying FCEAG research and innovations with market potential and rapid implementation through established companies in the market.	<b>Achieved.</b>
Exploring the possibility of spin-off companies in cooperation with the University.	
Identifying potential companies for the transfer of research and innovation.	<b>Achieved.</b>
Participation in the work of specialised forums for networking and connecting research and companies.	<b>Achieved.</b>
Adapting project applications to the needs of the region, the Republic of Croatia, or the European Union.	<b>Achieved.</b>
Disseminating project outcomes within the scientific community, towards economic operators and society.	<b>Achieved.</b>
<b>Subgoal 8.2: Improving the lifelong learning system</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Exploring areas which are interesting to engineers for their professional development, but not necessarily related to the competent ministries.	<b>Partially achieved.</b> The FCEAG Commission for Lifelong Education is established and active, addressing the demands of the engineering community regarding professional development, independently of the rules set by the competent ministries/chambers. FCEAG also offers various courses as part of the international summer school "Split Summer School".
Implementing programs defined by the competent ministries, and participating in the program development.	<b>Achieved.</b>
Involving the Alumni Association in defining the lifelong learning program.	<b>Partially achieved.</b> Members of the Alumni Association (licensed engineers) are given the opportunity and freedom to propose lecture topics for the professional development program organised for spatial planning and civil engineering professionals.

**Subgoal 8.3:  
Popularization of science and advancing community engagement**

Activity	Degree of goal fulfilment as a result of activities
Participating in the processes of creating strategies and development projects of the city of Split and the Split-Dalmatia County.	<b>Achieved.</b>
Participating in community and institutional activities to preserve architectural cultural heritage.	<b>Achieved.</b>
Actively participating in the Science Festival, creating better connections with high schools, and organising popular lectures in technology and the arts.	<b>Achieved.</b>

**Subgoal 8.4:  
Developing interdisciplinary cooperation of scientists with other scientific and research institutions and economic operators aimed at the joint provision of services**

Activity	Degree of goal fulfilment as a result of activities
Drafting regulations on the use of scientific research equipment and updating the list of services the Faculty can provide to economic operators.	<b>Partially achieved.</b> Regulations on the use of scientific research equipment are not prepared. A price list for the use of equipment from the FCEAG Laboratory in Split has been drawn up. The catalogue of scientific research equipment of the University of Split has been updated, including equipment name, purpose and technical specifications.
Organising workshops of visiting scientists from Croatian and foreign scientific research institutions and the industry.	<b>Achieved.</b>
Increasing the number of signed cooperation agreements with foreign scientific research institutions and economic operators.	<b>Achieved.</b>
Applying for interdisciplinary projects with participation of scientists from other Croatian and foreign scientific research institutions and economic operators.	<b>Achieved.</b>
Using the infrastructure of other scientific research institutions and economic operators in scientific research projects.	<b>Achieved.</b>

**Subgoal 8.5:  
Integrating practice, science, art and higher education through a network of work-integrated learning centres**

Activity	Degree of goal fulfilment as a result of activities
Increasing the number of WIL centres.	<b>Achieved.</b>
Increase the number of students who complete professional training at WIL centres.	<b>Achieved.</b>
Cooperating with WIL centres in the process of applying for and implementing professional and scientific research projects.	<b>Partially achieved.</b> In cooperation with the WIL centre, two projects were realised of the three targeted projects.
Involving the Alumni Association in the WIL system and mentoring program.	<b>Partially achieved.</b> The Alumni Association is not involved in the WIL system. However, all members of the Alumni Association employed at WIL centres participate in the system and offer mentoring.
Cooperating with WIL centres in the implementation of new technologies.	<b>Achieved.</b>

## Human resources management

**Table P2.6.** Analysis of the achievement of strategic objectives for the previous period – human resources management

Principal objective – STRATEGIC OBJECTIVE 9. Continuously improve organisational development and the human resources management system

<b>Subgoal 9.1: Aligning the human resources policy with development demands and plans</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Defining the necessary human resources for the planning period of 5 years based on the Faculty's development projections in accordance with the strategic documents.	<b>Achieved.</b>
<b>Subgoal 9.2: Competence development and professional development of all employees</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Ensuring the development of competencies of all employees in the field of their activities.	<b>Partially achieved.</b> As part of the Prag project, teaching competences development workshops were held at the University - max. 15% of teachers participated. All administrative services employees attended workshops and trainings for the development of competencies in their field of activity.
Encouraging professional development opportunities for all employees in their field of activity.	<b>Partially achieved.</b> Although a large number of teaching and professional staff participated in some form of professional development, the target of at least 50% of employees attending professional development was not reached, primarily due to travel restrictions caused by the COVID crisis. The number of participations in capital projects abroad did not increase significantly compared to the previous period.
<b>Subgoal 9.3: Enhancing the employee motivation and rewards system</b>	
<b>Activity</b>	<b>Degree of goal fulfilment as a result of activities</b>
Rewarding Faculty employees according to the Regulations on rewarding published scientific papers, citations of scientific papers, published university textbooks and approved patents of employees of the Faculty of Civil Engineering, Architecture and Geodesy.	<b>Achieved.</b>
Developing a system of rewarding employees for special achievements in teaching, especially with regard to teaching workloads and teacher evaluation in the process of student evaluation of teaching work.	<b>Not achieved.</b> In the past period, the FCEAG student evaluation process included the analysis of the teaching load and teacher evaluation; however, due to objective circumstances caused by the COVID crisis, the legal act defining the reward system was not adopted.

**Subgoal 9.3:****Enhancing the employee motivation and rewards system**

Activity	Degree of goal fulfilment as a result of activities
Recognising and rewarding special achievements in highly complex professional projects.	<b>Not achieved.</b> In the past period, special achievements of individual FCEAG employees in highly complex professional projects were analysed; however, due to objective circumstances caused by the COVID crisis, the legal act defining the reward system was not adopted.

## Quality assurance

**Table P2.7.** Analysis of the achievement of strategic objectives for the previous period – quality assurance

Principal objective – STRATEGIC OBJECTIVE 10. The quality assurance system is an integral part of all the activities of the Faculty involving all the stakeholders.

**Subgoal 10.1:****Enacting and promoting all quality assurance activities aligned with national and ESG standards**

Activity	Degree of goal fulfilment as a result of activities
Adopting and monitoring of the implementation of strategic documents based on established indicators (in accordance with ESG standards and higher-level strategic documents) and publishing of documents.	<b>Achieved.</b>
Harmonisation of legal acts with legal regulations and university documents.	<b>Achieved.</b>
Implementation of quality assurance and quality enhancement activities established by the Regulations and the Quality Assurance Manual.	<b>Achieved.</b>
Regular evaluation of quality through cyclical external and internal evaluations.	<b>Achieved.</b>

**Subgoal 10.2:****Preparation and drafting the self-evaluation report as part of reaccreditation pilot project**

Activity	Degree of goal fulfilment as a result of activities
Preparation and drafting the self-evaluation report as part of reaccreditation pilot project 2017/2018	<b>Achieved.</b>

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Split, 28 February 2024

Dean:

Associate Professor Neno Torić, Ph.D.

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I, Jelena Madunić, court interpreter of English language, as appointed by the Republic of Croatia Ministry of Justice and Public Administration, Ref.No.: 514-03-03-03/01-23-06 of 26 May 2023, do hereby certify that the above translation is a faithful and complete translation of the original document written in Croatian language.

Date: 7 May 2024, cert.no. 20/2024

