

Service ID	Service description
<b>Technology transfer and industrial innovation:</b>	
<b>Špecializované prednášky a vzdelávacie aktivity</b>	
E-PRE-01	Specialized lectures in the fields of materials engineering, microelectronics, and electrical engineering for institutions
C-PRE-01	Capacity expansion of professional educational activities – specialized lectures for institutions
E-WS-01	Practical workshops dedicated to semiconductor technologies and microelectronics for institutions
C-WS-01	Capacity expansion of professional educational activities – practical workshops for institutions
E-WS-02	Workshops and lectures for the public and companies in the field of microelectronics, semiconductors (or other technical topics)
S-OTHR-EDU	Other services in the field of customized lectures and educational activities
<b>Training and skills development</b>	
E-EDA-01	Training in the use of EDA tools for design, simulation, analysis, verification, etc.
E-SW-01	Training in other specialized software tools for design, simulation, verification, and analysis
E-SKILL-01	Educational courses focused on soft skills development
E-CER-01	Educational courses with certification focused on key competency areas
SKILL-P01	Beginners course package - Business Essentials -Effective communication -Time management fundamentals -Presentation skills -Foundations of project thinking
SKILL-P02	Intermediate course package - Professional Growth -Project management in practice (classical & agile) -Stakeholder management and team collaboration -Effective decision-making and problem-solving -Advanced presentation and negotiation skills
SKILL-P03	Advanced course package - Strategic Leadership -Strategic project and portfolio management -Leadership and management of expert teams -Negotiation, conflict management and decision-making -Business thinking, strategy and risk management
E-ES-01	Training on energy systems for e-mobility and energy storage applications
E-ES-02	Training on the design, development, and integration of electronic systems for battery energy systems
E-ES-03	Training on battery energy systems for harsh environments (space, robotics, drones)
E-PREP-01	Professional preparation of educational content and materials, lectures, and workshops in semiconductors, microelectronics, and related technologies
C-P/WS-02	Additional capacity slots for professional training courses or workshops
E-DP/PL-01	Training on the use of the Design Platform and access to Pilot Lines
E-ICDEV-01	Training on integrated circuit design and testing
E-KC-01	Public training programs focused on key technological competencies
E-TRN-01	Customer-specific courses tailored to individual requirements in key competency areas
S-OTHR-SKILL	Other services in the field of training and skills development
<b>Internships, practical training, and mobility</b>	
L-CR-01	Short-term internships in cleanrooms of partner institutions (Slovakia and abroad) aimed at deepening technical and practical knowledge
L-SL-01	Short-term internships in specialized laboratories of partner institutions (Slovakia and abroad) aimed at deepening technical and practical knowledge
C-LAB-01	Additional operation of laboratory equipment during internships or training activities
S-TAC-01	Arrangement of transportation, accommodation, and catering services for internships, training courses, workshops, and educational programs
S-OTHR-LAB	Other services related to internships, practical training, and mobility
<b>Laboratory-based practical training</b>	
L-TRN-01	Laboratory hands-on training for students and employees, including: <ul style="list-style-type: none"> <li>o Short-term advanced competence-based training</li> <li>o Practical training in domestic or foreign laboratories</li> <li>o Reskilling and advanced training courses, including the implementation of micro-credentials</li> </ul>

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<b>Operational and organizational support</b>	
S-P/WS-01	Rental of technical equipment and devices for training and workshop implementation (up to a maximum of 5x the hourly rate per full day)
S-CAP-01	Additional staffing support for professional educational activities (courses, training, internships, lectures, workshops)
S-MAT-01	Additional material support for courses, training sessions, internships, lectures, and workshops
S-CAP-02	Personnel support through additional experts, technicians, lecturers, or responsible staff members
S-OTHR-ADD	Other services in the area of operational and organizational support
<b>Teacher training and educational support</b>	
E-TCH-01	Regular seminars with university lecturers and industry experts – workshops for teachers
E-TCH-02	Certified training programs for teachers
E-TCH-03	Short-term internships for teachers in companies and organizations (up to 2 weeks)
E-TCH-04	Long-term internships for teachers at universities, research institutions, and organizations (one semester)
E-TCH-05	Database of teaching methodics and worksheets for educators
E-VID-001	Video lectures production (10–30 minutes)
S-OTHR-TCHR	Other services in the field of teacher training and educational support
<b>Talent development and support</b>	
S-TLNT-01	Support for talented individuals through grants and scholarships
S-TLNT-02	Services for the preparation, mediation, and support of talent grants for students, including consulting, administration, and coordination
S-OTHR-TLNT	Other services in the area of talent development and support
<b>Research and development services:</b>	
<b>Training and advanced semiconductor technologies</b>	
E-T/TR-01	Training on the growth of GaN-based heterostructures for power devices using MOCVD technology
E-T/TR-02	Training on the growth of GaO-based semiconductor materials for power devices using MOCVD technology
E-T/TR-03	Training in semiconductor materials and thin-film diagnostics (XRD, TEM, SEM, AFM)
E-T/TR-04	Training on the design and device physics of ultra-wide and wide bandgap power semiconductor devices
E-T/TR-05	Training on GaN- and GaO-based device processing technologies
E-T/TR-06	Training on reliability testing of (U)WBG power modules (PCT, HTRB, HTGB, H3TRB, TST, HTS)
S-OTHR-T/TR	Other services in the field of advanced semiconductor technology training
<b>Epitaxy and prototyping of semiconductor structures</b>	
L-EPI-01	Epitaxy of small experimental batches of GaN-based heterostructures (up to 4-inch Si, sapphire, or SiC substrates)
L-EPI-02	Epitaxy of small experimental batches of GaO-based homo- and heterostructures (up to 2-inch GaO, sapphire, or SiC substrates)
D-WBG-01	Prototyping of GaN-based devices using planar technology (up to 4-inch wafers)
D-WBG-02	Prototyping of GaO-based devices using planar technology (up to 2-inch wafers)
S-CUT-01	Chip dicing and wire bonding of small experimental device batches
S-OTHR-EPI	Other services in the field of epitaxy and prototyping of semiconductor structures
<b>Reliability testing of power modules, electronic devices</b>	
T-PCT-01	Power cycling testing (PCT) of small R&D series of power modules (heating current up to 3 × 1200 A)
T-HTRB-02	High-Temperature Reverse Bias (HTRB) testing of small R&D series of power modules (up to 3500 V)
T-HTGB-03	High-Temperature Gate Bias (HTGB) testing of small R&D series of power modules
T-H3TRB-04	High-Humidity High-Temperature Reverse Bias (H3TRB) testing of small R&D series of power modules (up to 3500 V)
T-TSH-05	Thermal shock testing of small R&D series of power modules (–70 to 200 °C, chamber volume 100 l)
T-HTS-06	High-Temperature Storage (HTS) testing of small R&D series of power modules (up to 400 °C, chamber volume 100 l)
T-CAP-01	Custom extension of standard reliability tests (PCT, HTRB, HTGB, H3TRB, TST, HTS) for advanced lifetime evaluation (depending on total test duration and complexity)
S-OTHR-RLB	Other services related to reliability testing of power modules and electronic devices

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<b>Design, simulation, and system prototyping</b>	
D-PWRSYS-01	Design and simulation of electronic circuits for power semiconductor modules and systems
D-PWRSYS-02	Design and simulation of mechanical components for power semiconductor modules and systems
D-PROTO-01	Prototyping and testing of electronic circuits for power modules and systems
D-PROTO-02	Prototyping and testing of mechanical components for power modules and systems
D-DEMOP-01	Fabrication of demonstrators and test systems for power modules and systems
S-ASMB-01	Assembly processes for power semiconductor modules and components
S-INSP-01	Inspection processes for power semiconductor modules and components
S-EVLCHIP-01	Electrical characterization of power semiconductor chips
S-ECHARM-01	Electrical characterization of power semiconductor modules
T-PWRP-01	Testing of power electronic systems on a testbed platform
S-OTHR-DEV	Other services in the field of system design, simulation, and prototyping
<b>Battery energy systems</b>	
D-ES-01	Design and prototyping of battery energy systems
T-ES-04	Performance testing and evaluation of battery energy systems
S-OTHR-ES	Other services related to energy storage systems
<b>ASIC design and prototyping</b>	
D-ASIC-01	Design and development of analog and mixed-signal ASICs for low-power and low-voltage applications
D-ASIC-02	Prototyping and evaluation of ASICs
S-OTHR-ASIC	Other services in the field of ASIC design and prototyping
<b>Project facilitation and support services</b>	
S-FAC-01	Facilitation of projects, contract research, and service provision
S-BROK-01	Research Brokerage Service
S-ADM-01	Coordination and administrative support for service delivery
S-DEMIN-01	De minimis service support for organizations and enterprises
S-DEMIN-02	Extended de minimis service support for organizations and enterprises
S-OTHR-FAC	Other services in the area
<b>Infrastructure fees and other services</b>	
S-FEE-01	<i>1 - Administrative fee (documentation activities – written documentation, photography, video recording or processing of outputs)</i>
S-INFA-02	<i>2 - Infrastructure fee – administrative premises</i>
S-INFL-03	<i>3 - Infrastructure fee – laboratory without controlled environment</i>
S-INF8-04	<i>4 - Infrastructure fee – ISO8 laboratory category</i>
S-INF7-05	<i>5 - Infrastructure fee – ISO7 laboratory category</i>
S-INF8-06	<i>6 - Infrastructure fee – ISO6 laboratory category</i>
S-INFR-07	Rental of material and technical equipment, including operational costs, for in-house R&D purposes (laboratory equipment)
S-LCA-01	Life Cycle Assessment (LCA) of electronic devices, manufacturing processes, and related systems
S-LCA-02	Additional Life Cycle Assessment (LCA) services for electronic devices, manufacturing processes, and related systems
S-OTHR-INFR	Other services and fees related to the use of infrastructure
S-OTHR-R&D	Other research and development services
<b>Technology transfer and industrial innovation:</b>	
<b>Technology scouting and innovation support</b>	
S-TESC-01	Technology scouting – project-based service model
S-TESC-02	Technology scouting – individual consulting services
S-IP-01	Intellectual property (IP) management support
S-IPCONS-02	Consulting and assistance in intellectual property protection, technology licensing, IP portfolio management, technology transfer, and innovation activities
S-CONS-02	Advisory services for negotiating licensing agreements and technology-related contracts
S-CMRC-01	Support for the commercialization of research results
S-GO2M-01	Support for research teams and start-ups in bringing products to market (go-to-market strategies)
S-GO2M-02	Hourly rate for commercialization support and market entry services
S-OTHR-TECH	Other services in the field of technology scouting and innovation support

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<b>Prototyping and demonstrator development</b>	
D-DEMO-01	Prototyping and fabrication of demonstrators
S-DEMO-02	Hourly rate for demonstrator fabrication, including design, development, assembly, testing, and coordination
D-PILOT-01	Process design and execution of prototype test series (proof-of-concept, pilot runs)
D-PILOT-02	Hourly rate for process design and execution of prototype test series
S-OTHR-DEMO	Other services in the field of prototype and demonstrator development
<b>Specialized Training Courses</b>	
E-CRSE-P01	Training course focused on the design of power modules and electronic components using EDA tools, aimed at deepening technical and practical knowledge (2–4 days / Block 1)
E-CRSE-P02	Training course with hands-on practice utilizing advanced power module packaging technologies and electronic components, including inspection processes for quality assurance (2–4 days / Block 2)
E-CRSE-P03	Training course focused on functional testing and electrical characterization of power modules and electronic components – dynamic and static measurements, insulation properties, and thermal resistance measurement (2–4 days / Block 3)
E-CRSE-P04	Training course focused on system-level integration of power modules and electronic components into higher-level systems such as inverters, electric motors, power supplies, controllers, and related applications (2–4 days / Block 4)
S-OTHR-CRSE	Other services in the field of specialized training and retraining courses
<b>Business and Entrepreneurship Support</b>	
S-BUSA-01	Semiconductor business academy for SMEs and start-ups
S-OTHR-BUSA	Other services in the area of business support and entrepreneurship
<b>Access to European infrastructure:</b>	
S-PILL-01	Services related to Pilot Lines and Design Platform: <ul style="list-style-type: none"> <li>• Connecting potential customers with Pilot Lines, Design Platforms, and national research and innovation infrastructure</li> <li>• Providing continuous information and support for access to the Design Platform or Pilot Lines</li> <li>• Organizing and delivering advanced training programs for users and developers on the platform, with a focus on integrated circuit design and system integration technologies</li> </ul>
S-PLTFRM-01	Establishment of an entry point to other European initiatives: <ul style="list-style-type: none"> <li>• Ensuring access to the best available expertise and support in the EU for national stakeholders, with priority given to matching stakeholder needs with expertise available within the ENCC network</li> <li>• Guiding users in accessing European semiconductor infrastructure</li> <li>• Facilitating access to venture capital</li> </ul>
S-OTHR-EUINF	Other services related to access to European infrastructure
<b>Consulting and support services:</b>	
S-MNTR-01	Mentoring at universities and from industry practice
S-LEST-01	Establishment of modern laboratories to support education at schools and universities
S-LRENT-02	Rental of laboratory equipment (specialized laboratories to support education)
S-DTACC-01	DeepTech Accelerator – Mentoring for SMEs, start-ups, and research and technology organizations (RTOs): <ul style="list-style-type: none"> <li>o Consulting and design of new solutions</li> <li>o Training and coaching in business support</li> <li>o Training in business strategies, methodologies, and identification of European and international partners</li> <li>o Consulting services primarily for start-ups, pre-start-up projects, and SMEs, including advice on business plans and intellectual property (IPR) strategy</li> </ul>
S-CONSUP-03	Consulting and advisory services for start-ups, SMEs, and organizations
S-PRJCT-01	Project consortium scouting services, assistance with project proposal preparation (EU and national calls), and comprehensive project management
S-CONSUP-04	Individual consultations for companies and students on access to advanced semiconductor technologies and back-end technologies
S-RPRT-01	Annual report on the Slovak semiconductor and electronics industry
S-OTHR-C/S	Other counseling and support services

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<b>Networking and ecosystem development:</b>	
S-EVENT-01	Organization of informational and promotional events and preparation of materials (workshops, open days, webinars, networking events)
S-PROMO-01	International campaign for the promotion of semiconductor services
S-NETWORK-01	Business events for start-ups and SMEs with large enterprises (key institutions within the Slovak semiconductor ecosystem)
S-OTHR-ECO	Other services in the area of networking and ecosystem support