

Service description			Unit	Price
Industry 4.0, Digitization, Automation, Robotics and Data-driven Management				
	Trainings and education			
		Data-driven management for the business entities		
		Support of economic records, budget monitoring, receivables management (UPIM)	Hour of trainer	40 €
		Basics of ergonomics, rationalization of work, working conditions of the employee and effects of automation	Hour of trainer	40 €
		Six Sigma, process improvement, DMAIC cycle and statistical tools and methods for process improvement	Hour of trainer	40 €
		Statistical process control, histogram, evaluation of the suitability of machines, VZ, processes	Hour of trainer	40 €
		Budget planning and financial stability control with regard to risk factors	Hour of trainer	40 €
		Controlling and operating cost savings	Hour of trainer	40 €
		Debt financing management with the aim of optimizing the capital structure	Hour of trainer	40 €
		Intangible assets management	Hour of trainer	40 €
		Double entry accounting and tax burden of business entities, legislation and digitization of accounting	Hour of trainer	40 €
		Multicriterial optimization and decision making support in companies	Hour of trainer	40 €
		Industrial engineering in the detection of bottlenecks in the corporate management system	Hour of trainer	40 €
		Business logistics, time analysis, business layout, business and workplace supply issues, internal logistics	Hour of trainer	40 €
		Automation of engineering production technologies, logistics and robotics		
		Robotics networking support	Day of trainer	350 €
		Robotics educational activities and mentoring	Day of trainer	350 €
		Access to highly qualified robotics knowledge	Day of trainer	350 €
		How to (kick)start the digital transformation of enterprise	Hour of trainer	40 €
		How to scale up the digitalization of enterprise (manufacturing and intralogistics/warehouse)	Hour of trainer	40 €
		How to optimize warehouse, order and inventory management	Hour of trainer	40 €
		How to effectively manage warehousing and supplementary operations in distribution center	Hour of trainer	40 €
		How to shift from enterprise digital transformation to smart operations automation	Hour of trainer	40 €
		How to achieve mass customization and predictive management in discreet manufacturing and logistics	Hour of trainer	40 €
		How to choose the right WMS system tailored to business goals and shopfloor parameters	Hour of trainer	40 €
		How to deploy digital twin technology in operations management of manufacturing and in-plant logistics	Hour of trainer	40 €
		Training on automation and digitization of continuous production		
		Digitalized Pulping and Bleaching Technologies	Hour of on site training	80 €
		Digitalized Papermaking and Surface Treatment Technologies	Hour of on site training	80 €
		Training on identification of system parameters of continuous production and its particular devices	Hour of on site training	100 €
		Training on PID controller design	Hour of on site training	100 €
		Training on model predictive control design for optimization of complex continuous processes	Hour of on site training	100 €
		Training on robust controller design, with guarantee of outputs in volatile environment and conditions	Hour of on site training	100 €
		Analysis and optimization of technology processes (OEE)	Hour of on site training	150 €
		Increasing autonomy level of production systems	Hour of on site training	150 €
		3D topography of production lines and production halls (shopfloors)	Hour of on site training	150 €
		Detecting, analysing and assesment of material characteristics with consequent analysis of data		

			Staff training about materials types and their properties	Hour of trainer	40 €
			Training on thermal analysis techniques	Hour of trainer	100 €
		Education in laser and electron beam welding based using automated and robotized methods			
			Expert trainings for the industry: International Welding Engineer	Hour of on site training	200 €
			Expert trainings for the industry:International Welding Technologist	Hour of on site training	200 €
			Expert trainings for the industry:International Welding Specialist	Hour of on site training	200 €
			Expert trainings for the industry:International Welding Inspection Personnel	Hour of on site training	200 €
			Expert trainings for the industry: Welding and Non Destructive Testing training	Hour of on site training	200 €
Artificial Intelligence & High Performance Computing					
	Trainings and education				
			AI and other modern tools for the Production optimization	Day of trainer	440 €
			AI and other modern tools for the Logistics	Day of trainer	440 €
			AI and other modern tools for the Quality management, output and laboratory control and analysis	Day of trainer	440 €
			AI and other modern tools for the Predictive Maintenance	Day of trainer	440 €
			AI and other modern tools for the Intelligent automation of non-production processes	Day of trainer	440 €
			AI and other modern tools for the Energy Management	Day of trainer	440 €
			AI and other modern tools for the Marketing and sales support	Day of trainer	440 €
			AI and other modern tools for the Online sales	Day of trainer	440 €
			AI and other modern tools for the Customer and User Support	Day of trainer	440 €
			30 hours taining for the Smart City Manager: Data management	Day of trainer	360 €
			Specialized presentations, lessons learned, tutorials and reviews of AI options for developers	Day of trainer	350 €
			Using the cloud for small and medium businesses	Day of trainer	350 €
			AI in continuous production and batch production	Day of trainer	640 €
			Optimisation of continuous chemical reactors based on Big Data	Day of trainer	560 €
			Optimisation of batch chemical reactors based on Big Data	Day of trainer	560 €
Smart energy					
	Trainings and education		Expert trainings for the industry: Digital technologies to improve the energy efficiency of bulidings	Day of training	320 €
			Expert trainings for the industry: Optimal and energy efficient lighting for the interiors	Day of training	320 €
			Expert trainings for the industry: Optimal and energy efficient lighting for the exteriors	Day of training	320 €
			Expert trainings for the industry: Digital technologies to improve the energy efficiency of industrial production	Day of training	320 €
			Expert trainings for the industry: Saving energy by smart grids , consequences of transposition of EU legislation (winter package) into Slovak legislation	Day of training	320 €
			Expert trainings for the public sector: Digital technologies to improve the energy efficiency of bulidings	Day of training	320 €
			Expert trainings for the public sector: Optimal and energy efficient lighting for the interiors	Day of training	320 €
			Expert trainings for the public sector: Optimal and energy efficient lighting for the exteriors	Day of training	320 €
			Expert trainings for the public sector: Saving energy by smart grids , consequences of transposition of EU legislation (winter package) into Slovak legislation	Day of training	320 €
			30 hours taining for the Smart City Manager: Smart cities a smart region	Day of training	320 €
			30 hours taining for the Smart City Manager: Energy Management	Day of training	320 €
			Theory of process integration and Pinch Technology	Complete training	4,860 €
Workforce adaptation to digital transformation					
	Trainings and education				
		Upgrading the qualifications of employees and retraining of workers			

			Digital training skills advanced	Hour of trainer	90 €
			Digital training skills basic	Hour of trainer	90 €
			Training of trainers - on-the-job training	Hour of trainer	90 €
			Employee satisfaction, motivation and wellbeing	Hour of trainer	90 €
		Staff-oriented training for managers			
			Workplace spatial solution	Hour of trainer	90 €
			Ergonomic risk analysis in company conditions	Hour of trainer	90 €
			Human resources and wages	Hour of trainer	90 €
Cyber Security			Age management and generation groups of employees	Hour of trainer	90 €
	Trainings and education		On-site presentation on cybersecurity basics (awareness level - intended for general users)	Day of trainer	700 €
			On-line webinar on cybersecurity basics (awareness level - intended for general users)	Day of trainer	700 €
			On-site course on cybersecurity basics (professionals level - intended for managers and IT staff)	Day of trainer	700 €
			On-site training of workforce members to recognize Social engineering Attacks (awareness level - intended for general users)	Day of trainer	700 €
			On-site training in the Role-Specific areas (e.g. incident handling, risk management, etc.; professionals level - intended for security and IT staff)	Day of trainer	700 €
			Classroom training in the Role-Specific areas (e.g. incident handling, risk management, secure coding etc. ; professionals level - intended for security and IT staff)	Day of trainer	700 €
			Table-top exercises and simulations in the incident handling (professionals level - intended for security and IT staff)	Day of trainer	700 €
Industry 4.0, Digitization, Automation, Robotics and Data-driven Management					
	Advisory & Decision Support				
		Automation of engineering production technologies and logistics			
			Cutting tools grinding and measurement	Manhour	140 €
			Reverse engineering for avoiding the market and supply chain failures (UVTE)	Manhour	70 €
			Additive manufacturing (UVTE)	Manhour	120 €
			Retrofitting of production lines to the level of Industry 4.0 (UIAM)	Manhour	90 €
			Autonomous machining processes	Manhour	110 €
			Vytváranie digitálnych 3D modelov výrobných a logistických systémov	Manhour	110 €
			Simulations, visualizations and optimizations of production processes	Manhour	110 €
			Design of optimization algorithms for production and logistics processes with the support of artificial intelligence methods	Manhour	110 €
			Predictive maintenance based on current data from sensors and production processes	Manhour	110 €
			Architecture design and support in the implementation of sensor networks for data collection for predictive maintenance	Manhour	110 €
			Prediction of the rate of outflow of customers (employees) using gamification and artificial intelligence methods	Manhour	110 €
			Auditing the effectiveness and improvement potential of warehousing and in-plant/intra logistics	Manhour	120 €
			Auditing the effectiveness and improvement potential of operations and resource management in the discreet manufacturing	Manhour	120 €
			Auditing the IT infrastructure and data support for supply chain, warehousing and manufacturing processes	Manhour	120 €
			Designing a solution for improving the effectiveness of internal and external handling and transport equipment	Manhour	120 €
			Designing a solution for effective inventory manipulation and warehousing	Manhour	120 €
			Designing a solution for dynamic warehouse management	Manhour	120 €
			Designing a solution for operative manufacturing logistics	Manhour	120 €
			Designing a solution for optimized manufacturing management	Manhour	120 €
		Continuous production automation and retrofitting			
			Consultations identification of system parameters of continuous production and its particular devices	Manhour	120 €

			Consultations on on PID controller design	Manhour	120 €
			Consultations on predictive control design using mathematical modelling	Manhour	120 €
			Evaluation and consultations on robust controller design	Manhour	120 €
			Proof of concept and prototype design of process automation machinery	Manhour	120 €
			Upscaling of prototype technologies	Manhour	120 €
			Development of HMI and advanced remote dashboards	Manhour	120 €
		Energy beam cutting technologies control and integration			
			Design of optimal energy beam cutting process and possibility of integration of auxiliary processes	Manhour	170 €
			Design and preparation of smart production in the field of energy beam cutting including material flow and following operations	Manhour	170 €
		Combining laboratory methods and neural networks for the continuous production			
			Pulping Technology Optimisation combining laboratory methods and neural networks	Manhour	170 €
			Bleaching Technology Optimisation combining laboratory methods and neural networks	Manhour	170 €
			Paper Production Technology Optimisation combining laboratory methods and neural networks	Manhour	170 €
			Surface Treatment Technology Optimisation combining laboratory methods and neural networks	Manhour	170 €
			Smart Biodegradable Paper Based Packaging Optimisation combining laboratory methods and neural networks	Manhour	170 €
			Biomass Pretreatment for 2. Generation Bioethanol Production combining laboratory methods and neural networks	Manhour	170 €
			Pretreated Biomass Hydrolysis Optimisation combining laboratory methods and neural networks	Manhour	170 €
			Fermentation Technology Optimisation combining laboratory methods and neural networks	Manhour	170 €
		Autonomous machining for optimal technology process			
			Dimensions and tolerance measurements of products using contactless IoT sensors	Manhour	70 €
			Using robots for automatic finishing in a case of dimensional and shape changes of products	Manhour	70 €
			Precision casting based on digital 3D model of product (including prototyping in testbed)	Manhour	70 €
			3D printing (including prototyping in testbed), advisory on conversions and designing of support structures	Manhour	190 €
Industry 4.0, Digitization, Automation, Robotics and Data-driven Management					
	Advisory & Decision Support				
		Robotics and automated discrete production lines			
			Verification of the design of production lines and robotic cells	Manhour	150 €
			Implementation of functional prototypes of equipment according to the agreed specification	Manhour	150 €
			Device / sensor system development management according to project management standards	Manhour	110 €
		Process optimization for continuous chemical production			
			Statistical data analysis for continuous chemical production, data clearing, detection of anomalies and correlations	Manhour	120 €
			Development of predictive mathematical models of expected parameters in the continuous production	Manhour	120 €
			Identification of the key parameters of the complex systems in continuous production	Manhour	120 €
			Design and consultation on advanced process control systems and components	Manhour	120 €

		Interagted processes od cutting and drilling			
			Design of workshop layout for optimal material flow with special focus on energy beam cutting (fiber laser, plasma, oxy-fuel, water jet)	Manhour	170 €
			Analysis of necessary digital interfacing between workplaces and solution proposal with special focus on energy beam cutting	Manhour	170 €
		Monitoring, analysis and prediction by integration sensor, PLC and other data for the continuous production			
			Advanced condition monitoring for automated processes by integrations of sensors and control systems	Manhour	350 €
			Application of advanced analytical and prediction tools using neural networks	Manhour	350 €
			Comprehensive data integration with a hierarchical approach from sensors to management information	Manhour	350 €
			Optimization of production equipment settings in a feedback control system	Manhour	350 €
			Analysis of reconfigurability and modularity of production equipment	Manhour	350 €
		System integration of autonomous devices			
			Tailored devices and systems integrations (OPC, REST, WebServices,...)	Manhour	140 €
			Integration of devices to the control systems using web services or OPC interface	Manhour	140 €
			Integration of the control systems using OPC or REST inteface	Manhour	140 €
			Automation of logistic and warehouse operations using OPC interface of smart devices	Manhour	140 €
		Advanced production data analysis			
			Creating digital 3D models of production and logistics systems	Manhour	110 €
			Simulations, visualizations and optimizations of production processes	Manhour	110 €
			Design of optimization algorithms for production and logistics processes with the support of artificial intelligence methods	Manhour	110 €
			Predictive maintenance based on current data from sensors and production processes	Manhour	110 €
			Architecture design and support in the implementation of sensor networks for data collection for predictive maintenance	Manhour	110 €
			Prediction of the rate of outflow of customers (employees) using gamification and artificial intelligence methods	Manhour	110 €
		Data integration services for the complex industrial plants			
			Digital twins for complex industrial plants	Manhour	120 €
			Consultations on integration of advanced process control on industrial hardware	Manhour	120 €
			Validation and verification of control strategies for continuous chemical production	Manhour	120 €
		Digitized conctruction planning and operating			
			Digitization of existing constructions, creation of digital twins for investment and building operation purpose	Manhour	120 €
			Innovation of technologies and processes for construction quality control plans during the construction process	Manhour	120 €
			BIM-based construction project planning and scheduling	Manhour	120 €
			BIM-based construction safety management during the construction process	Manhour	120 €
Industry 4.0, Digitization, Automation, Robotics and Data-driven Management					
	Advisory & Decision Support				
		Precise measurements and analyzes of material properties using digital technologies and data analysis			
			Measuring systems and sensor technology for the production process	Manhour	100 €
			Methodology for measuring in intelligent systems design and high precision measuring	Manhour	100 €

			Quality assurance system design, assessments and training	Manhour	100 €
			Metrology and porosity analysis	Manhour	110 €
Embedded systems & Internet of Things - services to support microsystem electronics innovation in startups and companies					
	Advisory & Decision Support				
			Additive manufacturing	3D printing per hour	280 €
			Design and programming of electronic IoT systems and embedded systems	Manday	810 €
			Design of server applications for management and visualization of data from sensor systems	Manday	810 €
			Preparation of project documentation for the proposed embedded / IoT device and for the set up of serial production	Manday	810 €
			Design of application specific integrated circuits (ASIC)	Manday	810 €
			Design of electronic IoT systems and embedded systems connected via LPWAN networks (LoRaWAN, Sigfox, NB-IoT)	Manday	1,150 €
			HW development for IoT devices	Manday	920 €
			Prototype realization	Manday	1,610 €
			Organization of serial production	Manday	920 €
			Design of application specific integrated circuits (ASIC)	Manday	810 €
			UNS design for embedded systems	Manday	810 €
			Design of server applications for data management from sensor systems	Manday	810 €
			Design of electronic IoT systems and embedded systems connected via LPWAN networks (LoRaWAN, Sigfox, NB-IoT)	Manday	810 €
			Design and programming of embedded systems (application specific - own solutions, standard available - Arduino, Raspberry Pi,...)	Manday	810 €
			Design of embedded / IoT device according to agreed specification	Manday	810 €
			3D design, visualization, and implementation of equipment according to specifications	Manday	810 €
			Implementation of small series production of designed embedded / IoT devices	Manday	810 €
Artificial Intelligence & High Performance Computing					
	Advisory & Decision Support				
		Data analysis in agriculture and environment			
			Processing of satellite spectral images for identification of spatial and temporal variability of soil properties and agricultural stands	Manday	810 €
			Processing of satellite spectral images for identification of spatial and temporal variability environment	Manday	810 €
		Data based sales and customer care			
			Prediction of the rate of outflow of customers (employees) using gamification and artificial intelligence methods	Manday	810 €
		Data based production			
			Optimization of unit operations in industry (scheduling, rescheduling, predictive maintenance)	Manday	810 €
			Application of advanced analytical and prediction tools using neural networks	Manday	2,740 €
			Design and implementation of data storages of structured and unstructured huge volumes of production data (UIAM)	Manday	830 €
			Big Data Analytics - Data acquisition, predictive analyses and knowledge discovery (Data Mining) for the needs of management and optimization of production processes (UIAM)	Manday	830 €
			Multi-objectives optimization of production processes and systems using computer simulation (UIAM)	Manday	830 €
			Integration of Selected Unit Operations into Pulping Technologies using AI model	Manday	1,290 €
			Integration of Selected Unit Operations into Bleaching Technologies using AI model	Manday	1,290 €
			Integration of Selected Unit Operations into Papermaking Technologies using AI model	Manday	1,290 €

			Integration of Selected Unit Operations into Biofuel Production Technologies using AI model	Manday	1,290 €
			Integration of complex processes using neural networks for the continuous production	Manday	1,290 €
		Combining laboratory methods and neural networks for industrial purposes			
			Pulping Technology Optimisation combining laboratory methods and neural networks	Manday	1,290 €
			Bleaching Technology Optimisation combining laboratory methods and neural networks	Manday	1,290 €
			Paper Production Technology Optimisation combining laboratory methods and neural networks	Manday	1,290 €
			Surface Treatment Technology Optimisation combining laboratory methods and neural networks	Manday	1,290 €
			Smart Biodegradable Paper Based Packaging Optimisation combining laboratory methods and neural networks	Manday	1,290 €
			Biomass Pretreatment for 2. Generation Bioethanol Production combining laboratory methods and neural networks	Manday	1,290 €
			Pretreated Biomass Hydrolysis Optimisation combining laboratory methods and neural networks	Manday	1,290 €
			Fermentation Technology Optimisation combining laboratory methods and neural networks	Manday	1,290 €
		Support in selecting and using AI methods and tools and high performance computing			
			Consultations on the analysis of the problem, that can be solved by machine learning and artificial intelligence tools	Manday	810 €
			Reuse, customization or design of suitable methods, libraries, platforms for specific cases in practice	Manday	810 €
			Support for processing large volumes of data	Manday	810 €
			Support for innovative data analysis and interpretation of results	Manday	810 €
			Design of complex machine learning solutions in various fields, main focus on image processing, video, pattern recognition and machine learning	Manday	810 €
			Design of biometric systems based on human face, iris and ear biometrics	Manday	810 €
			Design of machine learning systems working with time-frequency flags	Manday	810 €
			Design of speech signal processing systems, emotion recognition	Manday	810 €
			Annotation, augmentation, analysis and visualization of large datasets	Manday	810 €
			Design of real-time image processing systems	Manday	810 €
			Design of systems using Blockchain technology	Manday	810 €
Smart energy					
	Advisory & Decision Support				
		Audits, assessments and advice			
			Energy audits for the continuous production	Manhour	110 €
			Energy audits of buildings	Manhour	120 €
			Energy audits of the local and regional environment and its problems	Manhour	120 €
			Energy audits of the production process	Manhour	100 €
			Identification of possibilities for integration of renewable energy sources (hereinafter referred to as "RES")	Manhour	120 €
			Search for energy anomalies in the balance group	Manhour	120 €
			Identifying the potential for contracting guaranteed energy services (EPC)	Manhour	120 €
			Benchmark / comparison with comparable objects within the Slovak Republic and the EU	Manhour	120 €
		Measures for companies to increase energy efficiency of production and buildings			
			Identification of inefficient devices	Manhour	140 €
			Optimal use of energy inputs from several sources (electricity, gas, heat, fuels, etc ..)	Manhour	120 €
			Avoidance of penalties for exceeding the reserved capacity	Manhour	140 €
			Optimization of electricity costs of energy by taking responsibility for deviations	Manhour	140 €
			Optimization of energy consumption with emphasis on maximum use of primary energy and stabilization of energy consumption (transformation, storage)	Manhour	100 €

			Battery testing	Manhour	100 €
			Efficient use of waste heat	Manhour	100 €
			Minimisation of Energy Consumption of complex production technologies where different energy sources are heating for heating and cooling (detail analysis and optimal energy targeting based on Pinch Technology)	Manhour	110 €
			Minimisation of Water Consumption of complex production technologies by optima (e.g. multiple) use of steam a and water (based on Pinch Technology)	Manhour	110 €
			Pinch technology for target energy consumption calculation, and its deployment for minimisation of energy consumption of production	Manhour	110 €
		Modern technologies in energy, deployment of RES and design of closed energy systems - smart grids			
			Proposals for the deployment of local RES primarily with power up to 500kW	Manhour	100 €
			Advanced analytical tools for minimisation of energy consumption of production technology	Manhour	110 €
Cyber Security					
	Advisory & Decision Support				
			General conformity assessment services	Manday	735 €
			General advisory and consulting services in Information security and Cybersecurity	Manday	735 €
			Inventory and Protection of Enterprise Assets	Manday	735 €
			Secure Configuration of Enterprise Assets	Manday	735 €
			Identity and Access Control Management	Manday	735 €
			Vulnerability Management	Manday	735 €
			Malware Protection	Manday	735 €
			Network Infrastructure Management	Manday	735 €
			Network Monitoring and Defense	Manday	735 €
			Application Software Security	Manday	735 €
			SOCs and incident handling services	Manday	735 €
Deep Tech Accelerator					
	Advanced testbed sevicees				
			Initial consultation with the client	Service	1,000 €
			Proposal of possible solutions	Service	2,000 €
			Second consultation with the client	Service	1,500 €
			T01 – electronics	Service	3,500 €
			T02 – firmware	Service	7,500 €
			T03 – mobile application, web application, backend	MD	500 €
			T04 – mechanical functional parts	Service	2,800 €
			T05 – industrial design and plastics	Service	12,800 €
			T06 – business packaging	Service	6,000 €
			T07 – calibration and device verification	Testing 1 parameter	100 €
			T08 – certification and testing	Calibrating 1 parameter	100 €
Industry 4.0, Digitization, Automation, Robotics and Data-driven Management					
	Advanced testbed sevicees				
		UIAM testbed			
			Modeling, computer simulations and analyzes and consulting on material properties	Testbed use per hour	110 €
			Design and realization of experimental measurements and analyzes	Testbed use per hour	110 €
			Analyses and design of security in the industrial networks and IoT	Testbed use per hour	110 €
		UVPT testbed			
			Ion implantation - energies 40 keV 100 MeV	Testbed use per hour	690 €
			Non-destructive materials analysis using ion beams	Testbed use per hour	1,380 €
		UMAT testbed			
			Failure analysis of metallic alloys	Testbed use per hour	90 €
			Characterization of mechanical properties of metallic alloys	Testbed use per hour	70 €
			Characterization of electrical and dielectric properties of non-metallic materials	Testbed use per hour	140 €
			Characterization of rheological properties of non-metallic materials	Testbed use per hour	90 €

			Characterization of rheological properties during vulcanization	Testbed use per hour	90 €
			Thermal analysis, including simultaneous methods (DTA, DSC, TGA and dilatometry)	Testbed use per hour	350 €
			Thermodynamic calculations (phase diagrams, CCT and TTT diagrams for steels)	Testbed use per hour	70 €
			Development of advanced materials	Testbed use per hour	70 €
			Characterization of microstructure and crystallographic properties of technical materials	Testbed use per hour	190 €
			PVD Coatings	Testbed use per hour	120 €
		UVTE testbed			
			Cutting tools grinding and measurement	Testbed use per hour	460 €
			Reverse engineering	Testbed use per hour	280 €
			Metrology and porosity analysis	Testbed use per hour	810 €
			Additive manufacturing	Testbed use per hour	810 €
		PZVAR testbed			
			Design, modelling and visualization of tested product construction and design of welding process and equipment	Testbed use per day	8,050 €
			Automated electron beam welding research center	Testbed use per day	8,050 €
			Automated laser beam research center	Testbed use per day	8,050 €
			Laboratories of strength research and metallography, statistical evaluation of data, visualization of defects	Testbed use per day	3,450 €
		KG testbed			
			Terrestrial laser scanning	Testbed use per hour	420 €
			Photogrammetry	Testbed use per hour	420 €
			KG testbed		
		National Centre of Robotics			
			Access to world-class robotics laboratory facilities	Testbed use per day	1,610 €
		Microstep testbed			
			Verification of proposed cutting and drilling processes, production of prototype parts, evaluation of quality and costs	Testbed use per hour	420 €
		SLM testbed			
			Testing of measuring systems using high precision measuring techniques and data evaluation and statistics	Testbed use per hour	100 €
			Calibration of sensors and measuring chains (system of the multiple sensors)	Testbed use per hour	100 €
			Product or sensor resistance tests in accordance with expected operational conditions	Testbed use per hour	100 €
		VUPC testbed			
			Universal Pilot Plant Paper Machine for Testing of New Papermaking Technology using advanced IR and other sensors for non invasive material analysis, advanced quality control	Testbed use per day	8,600 €
			Pilot Plant Coating and Laminating Technology for biologically degradable packaging using advanced sensors for effective production	Testbed use per day	6,290 €
			Pilot Plant Second Generation Bioethanol Production Technology using advanced sensors for effective production	Testbed use per day	7,830 €
		VIPO testbed			
			Advanced condition monitoring	Testbed use per hour	350 €
			Application of advanced analytical and prediction tools	Testbed use per hour	350 €
			Comprehensive data integration with a hierarchical approach	Testbed use per hour	350 €
			Optimization of production equipment settings in a feedback control system	Testbed use per hour	350 €
			Analysis of reconfigurability and modularity of production equipment	Testbed use per hour	350 €
		UMMS testbed			
			Dimensions and tolerance measurements of products using contactless IoT sensors	Testbed use per hour	70 €
			Using robots for automatic finishing in a case of dimensional and shape changes of products	Testbed use per hour	70 €
			Precision casting based on digital 3D model of product (including prototyping in testbed)	Testbed use per hour	70 €
			3D printing (including prototyping in testbed), advisory on conversions and designing of support structures	Testbed use per hour	190 €
		FCHPT testbed			
			Testing and evaluation of system parameters of continuous production and its particular devices	Testbed use per hour	350 €
			Testing and evaluation of PID controller design	Testbed use per hour	350 €

			Testing and evaluation of predictive control design using mathematical modelling	Testbed use per hour	350 €
			Testing and evaluation of robust controller design	Testbed use per hour	350 €
Embedded systems & Internet of Things - services to support microsystem electronics innovation in startups and companies					
	Advanced testbed services				
		VUS testbed			
			Checking the radio parameters of newly developed equipment against the standards and interferences	Testbed use per hour	190 €
			Immunity tests of the device against electromagnetic phenomena and anomalies of the electrical network	Testbed use per hour	190 €
			Electrical safety tests of the device	Testbed use per hour	190 €
			Support in testing of new devices and consultations in the process of development and optimization of new product	Testbed use per hour	190 €
		FEI testbed			
			Private LoRaWan network for testing IoT devices	Testbed use per day	1,610 €
		UVPT testbed			
			Radiation hardness testing/irradiation treatment	Testbed use per hour	580 €
			Reverse engineering	Testbed use per hour	280 €
		SLM			
			Consulting on consumer packaging process and production output check	Testbed use per hour	170 €
			Calibration of sensors and measuring chains (system of the multiple sensors)	Testbed use per hour	170 €
			Product or sensor resistance tests in accordance with expected operational conditions	Testbed use per hour	170 €
Smart energy					
	Advanced testbed services				
		Services of the National Center for Renewable Resources in Bratislava			
			On-site presentation Architecture of the Smart Grid	Testbed use per hour	140 €
			Virtual energy assessment, analysis of uploaded data and integration with other data sources and benchmark data	Testbed use per hour	140 €
			Verification of the measuring devices, technologies and control systems in a quasi-real Smart Grid environment	Testbed use per hour	140 €
			Simulation onad optimizing use of primary energy, storing energy in different forms (thermal, mechanical, batteries)	Testbed use per hour	100 €
			Analysis of the energy mix of the company and simulation of optimal use of primary energy and surplus minimization	Testbed use per hour	100 €
		Testing the concept of a smart solution for heating and ventilation in a climate chamber			
			Presentation of the concept of a smart solution for heating and ventilation in a climate chamber for building designers	Testbed use per day	2,300 €
		Pinch technology testbed			
			Process integration testing based on Pinch Technology either in testbed or on-site	Testbed use per hour	170 €