The 10th EUPOS meeting held in Skopje, North Macedonia

30.10.2024 15:33

The 10th meeting of the European Position Determination System (EUPOS), an international organization that brings together countries with an aim of developing and implementing advanced GNSS (Global Navigation Satellite System) technologies, was held in Skopje from October 24 to 25, 2024. EUPOS focuses on standardization and improving the accuracy of geodetic data, which contributes the efficiency and availability of positioning services throughout Europe.

The EUPOS was established in response to the need for precise positioning in various sectors, including construction, infrastructure, agriculture and scientific research. The mission of EUPOS is to provide reliable, accurate and affordable positioning services, while the vision is to connect members through common standards, technologies and best practices.

At this year's meeting, the Federal Administration was represented by Mr. Ervin Redžepagić, expert

advisor in the geoinformatics sector and administrator of the FBIHPOS network, and Mr. Tarik Šurković, consultant within the DELEF project.

During the meeting, EUPOS members presented innovations in positioning systems, including the challenges of the effects of the ionosphere and interference, the inclusion of the Beidou system, etc. A special emphasis was placed on the integration of inSAR (Interferometric Synthetic Aperture Radar) technology, which enables high precision in monitoring changes in land and infrastructure projects.

Each of the present country had the opportunity to present their national CORS (Continuously Operating Reference Stations) systems, including the Federal Administration. These presentations were an opportunity to exchange knowledge and experience, as well as to identify possible joint projects.

The meeting opened a dialogue on the possible joining of our country to EUPOS, which would enable better integration into European geodetic initiatives. The participants discussed on future cooperation in the field of GNSS systems, monitoring the work of CORS networks, calculating positions within the modern world and European systems, as well as geodynamics and speed calculation.

This meeting created the basis for further cooperation in the research and development of geodetic standards and technologies, with the aim of improving positioning in the entire region.

// Load JS file theme Galleria.loadTheme('files/galleria/themes/classic/galleria.classic.min.js'); // Initialize Galleria Galleria.run('#gallery-1' , { width: 'auto', height: 500, transition: 'fade', initialTransition: 'undefined', clicknext: false, showImagenav: true, showCounter: true, lightbox: false, imageCrop: false, imageMargin: 0, imagePan: false, carousel: true, carouselSpeed: 200, carouselSteps: 'auto', pauseOnInteraction: true, show: 0, showInfo: true, thumbnails: true, thumbCrop: true, thumbMargin: 0, thumbQuality: true, easing: 'galleria', transitionSpeed: 400, popupLinks: false, preload: 2, debug: true, queue: true, imagePosition: 'center', maxScaleRatio: 0, swipe: true, fullscreenDoubleTap: true,

layerFollow: true, imageTimeout: 30000, fullscreenCrop: 'landscape', fullscreenTransition: 'undefined', touchTransition: 'undefined', keepSource: false, trueFullscreen: true, responsive: true, wait: 5000, idleMode: true, idleTime: 3000, idleSpeed: 200, thumbDisplayOrder: true, maxVideoSize: 'undefined', videoPoster: true, thumbPosition: 'center' });