

RADIATION MONITORING VEHICLE OF A NEW GENERATION

Lubomír Gryc¹⁾, Irena Češpírová¹⁾, Jan Surý²⁾

¹⁾ State Institute of Radiation Protection, Prague

²⁾ ENVINET, a.s.

Within the research project MOSTAR was for needs of modern radiation monitoring vehicle proposed and realized inner transformation of ordinary car. Poster presents car-borne system with a basic spectrometry identification, determination of heading to source using by two detectors located on lateral sides of vehicle, dose rate logging and their mapping. Part of a monitoring vehicle is a semiconductor spectrometric trace for quick qualitative and quantitative evaluation of samples of living environment and other detectors for field measurement. "This work was supported by the project: MV ČR ID: VG20122015083"