Dr Judita Škulteckė (civil engineering, VILNIUS TECH) is a chief researcher at the Road Research Institute and the leader of the R&D project ‘Climate-Neutral Pavements for Roads and Streets’ under the mission topic ‘Smart and Climate-Neutral Lithuania’. She has over 12 years of experience in applying performance-based, cutting-edge research methods and developing advanced and alternative road construction materials and structural solutions that enhance road sustainability and reduce GHG emissions. In 2019, she defended her doctoral dissertation in the field of technological sciences ‘Bitumen Stress Relaxation Modulus as an Indicator of Asphalt Pavements Resistance to Low Temperature Cracking’. Dr Škulteckė has co-authored 63 scientific articles, 27 of which have been published in Clarivate Analytics Web of Science indexed journals with impact factors (19 in Q1-Q2 quartile journals). She has registered 11 patents with the State Patent Bureau of the Republic of Lithuania and submitted two applications to the European Patent Office. She actively participates in international scientific organisations and initiatives, serving as a member of the RILEM technical committees (TC PPB and TC APD), the international ‘Young Ageing Group’ focusing on research into the functional and chemical properties of aged bitumen, and the ‘Global Consortium for Anti-Oxidants Research’. She also represents Lithuania at the European Committee for Standardization (CEN/TC 336) ‘Bitumens and Bituminous Binders’. Dr Škulteckė is actively involved in initiatives, discussions, and consultations organised by the Ministry of Transport and Communications and the Ministry of Environment of Lithuania and the parliamentary committees of the Seimas. She made a significant contribution to updating 11 national normative technical documents regulating requirements for road construction materials and construction itself. For her outstanding academic achievements, she received the doctoral scholarship of the Research Council of Lithuania for three consecutive years, funding for a scientific internship at the University of Antwerp, and has won multiple awards in competitions for scientific works and young scientist scholarships organised by the Lithuanian Academy of Sciences. Additionally, in the past three years, three of her scientific articles were recognised as the best scientific publications at VILNIUS TECH in the fields of Civil Engineering (T 002) and Environmental Engineering (T 004).

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