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Sommario/riassunto	This proceedings book gathers selected papers presented at the 16th Scientific and Technical Conference “Transport Systems. Theory and Practice”, organised by the Department of Transport Systems and Traffic Engineering at the Faculty of Transport of the Silesian University of Technology. The conference was held on 16–18 September 2019 in Katowice (Poland). More details at www.TSTP.polsl.pl Which of the multi-criteria methods should be applied to support decision-making processes while tackling problems of sustainable transport solutions? How can individual issues encountered when implementing smart solutions in transport systems be solved? What advanced tools can be used to assess the current condition of selected elements of transport systems (both in terms of transport infrastructure and traffic streams)? What data concerning transport processes can be collected automatically and how can we use it? What is the right approach to the problem of the development of thespatial planning of transport

systems? This book provides the answers to these and many other questions. It also includes a wealth of numerical analyses based on significant data sets, illustrating the close affiliation between smart transport systems and environment-friendly solutions. The book primarily addresses the needs of three target groups: • Scientists and researchers (ITS field) • Those working for local authorities (responsible for the transport systems at the urban and regional levels) • Representatives of business (traffic strategy management) and industry (manufacturers of ITS components).