



## **DZD**

Project and implementation of the new generation of the variable message sign

Our new design of the Variable Message Sign (VMS) has the following advantages:

- Innovative optical system eliminating the phantom effect developed and designed in the Institute of Applied Optics - INOS
- Full color front panel
- Message displayed consisting of symbols and/or text
- Excellent visibility of the sign pattern regardless of weather conditions
- Easy size configuration thanks to the modular construction
- New electronic setup - CZMUDA JSC

Innovation – 3 patents

Consortium:

1. Road and Bridge Research Institute (IBDiM) – leader of the consortium
2. Czmuda SA,
3. Institute of Applied Optics (INOS).

Research projects for implementation within the programme of the Minister of Science and Higher Education - "Technology Initiative I"