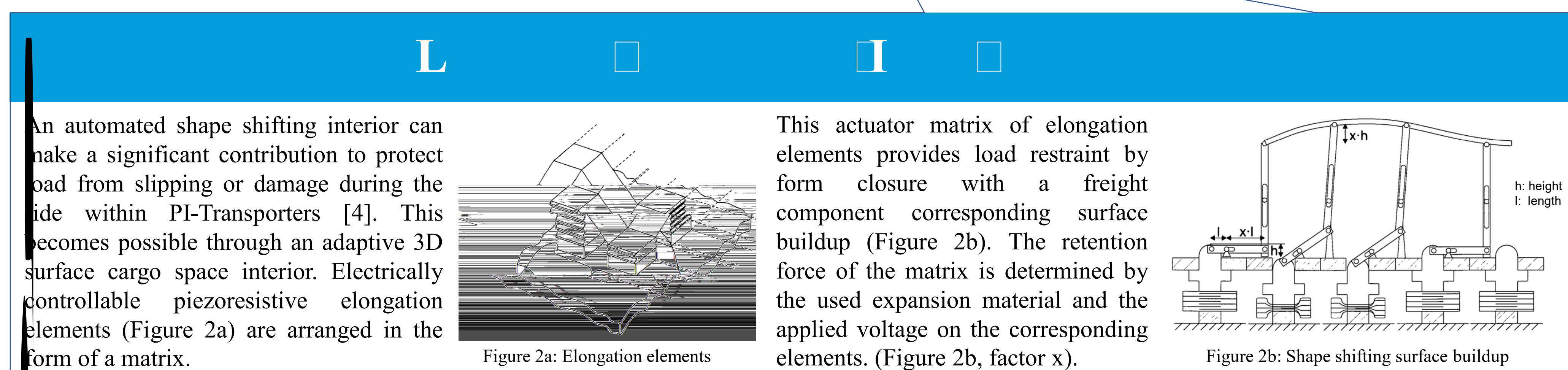
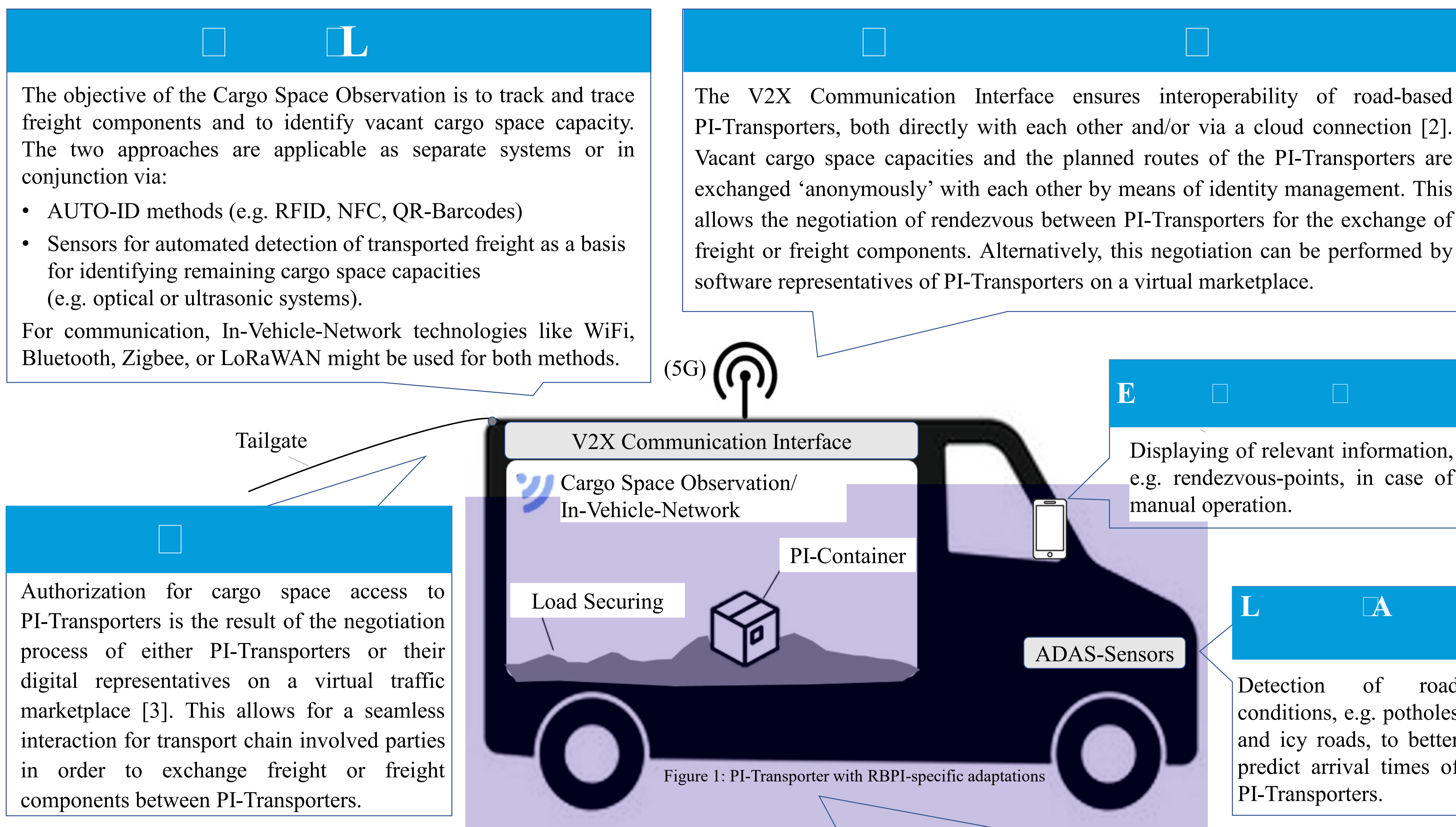


The contribution of this research poster to the Physical Internet (PI) is to present PI-Transporter functionality that enables vehicles to take part in the road-based Physical Internet (RBPI). The requirements are derived from detailed protocol analyses and applied to road-based PI-Transporters [1, 3]. This ranges from remote access to the cargo space of PI-Transporters, cargo securing through an adaptive 3D surface cargo space interior, an automated vacant cargo space detection, up to a standardized interface for V2X communication in order to negotiate freight forwarding within the road-based vehicle network.



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