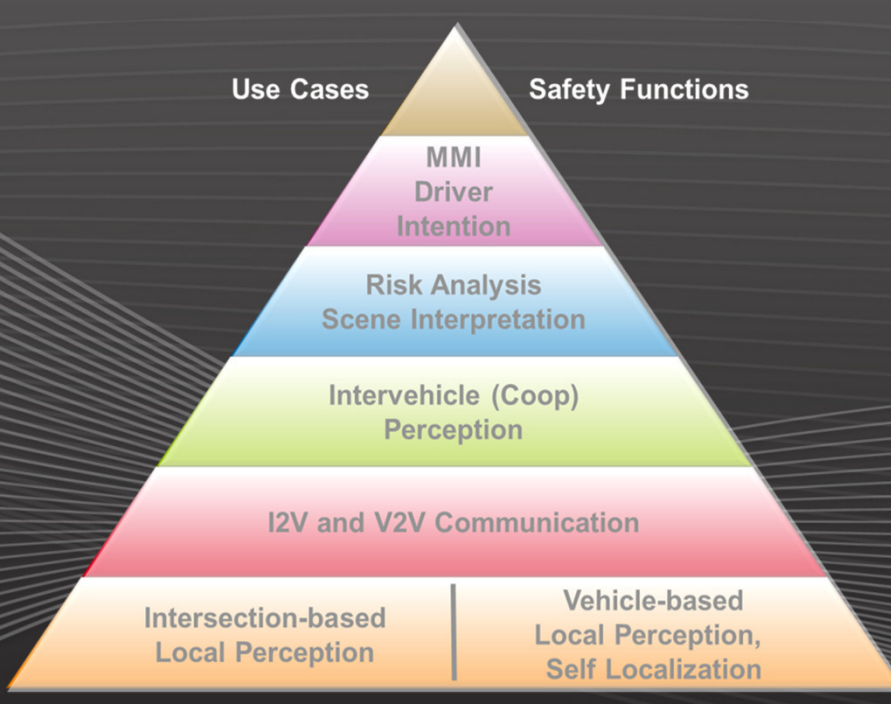
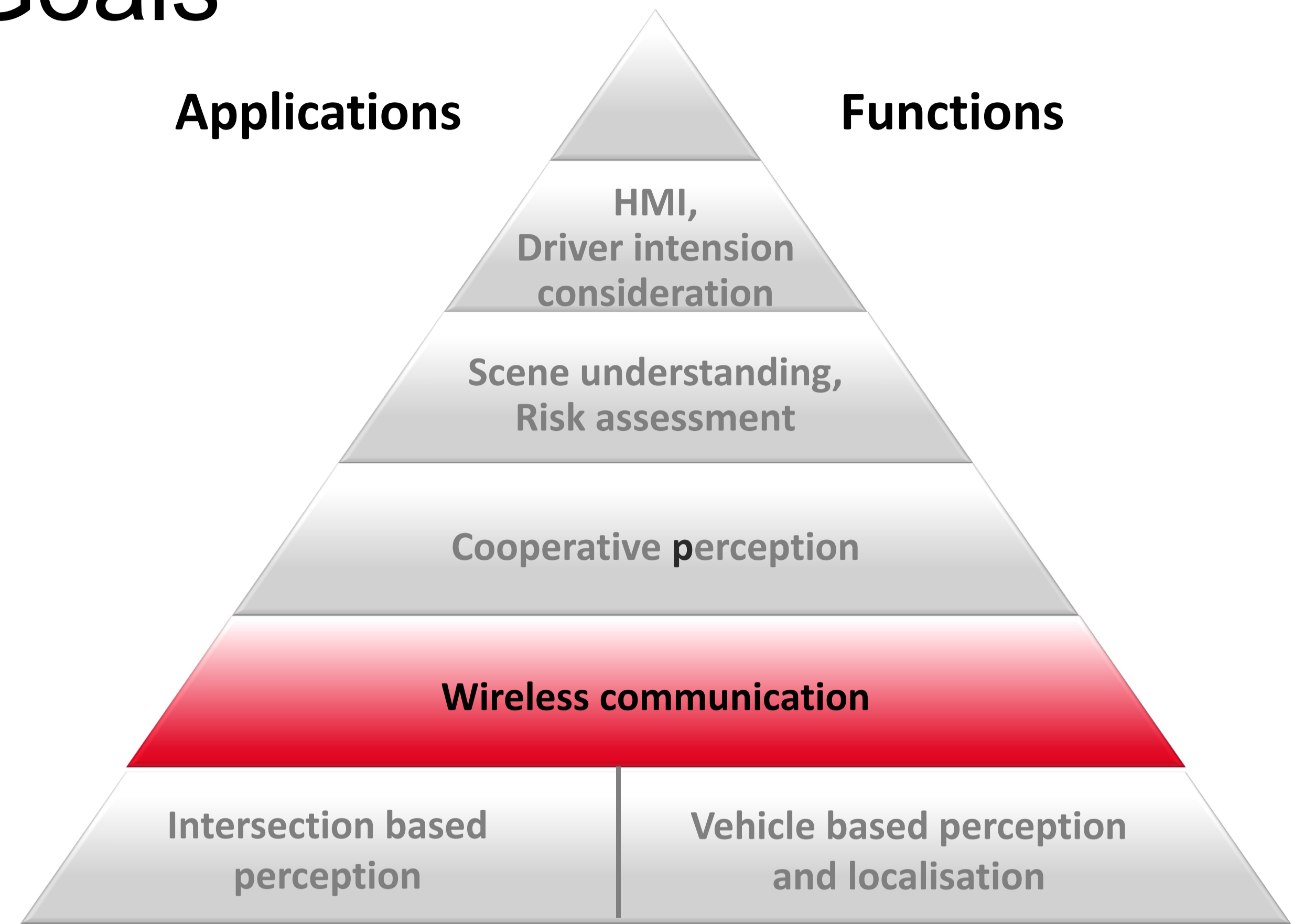
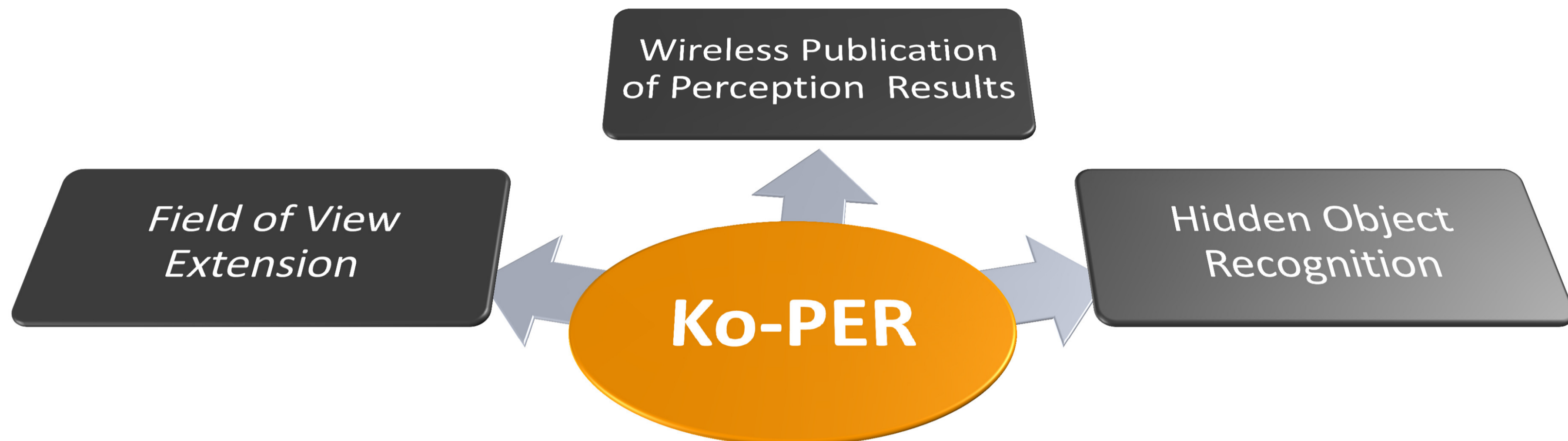


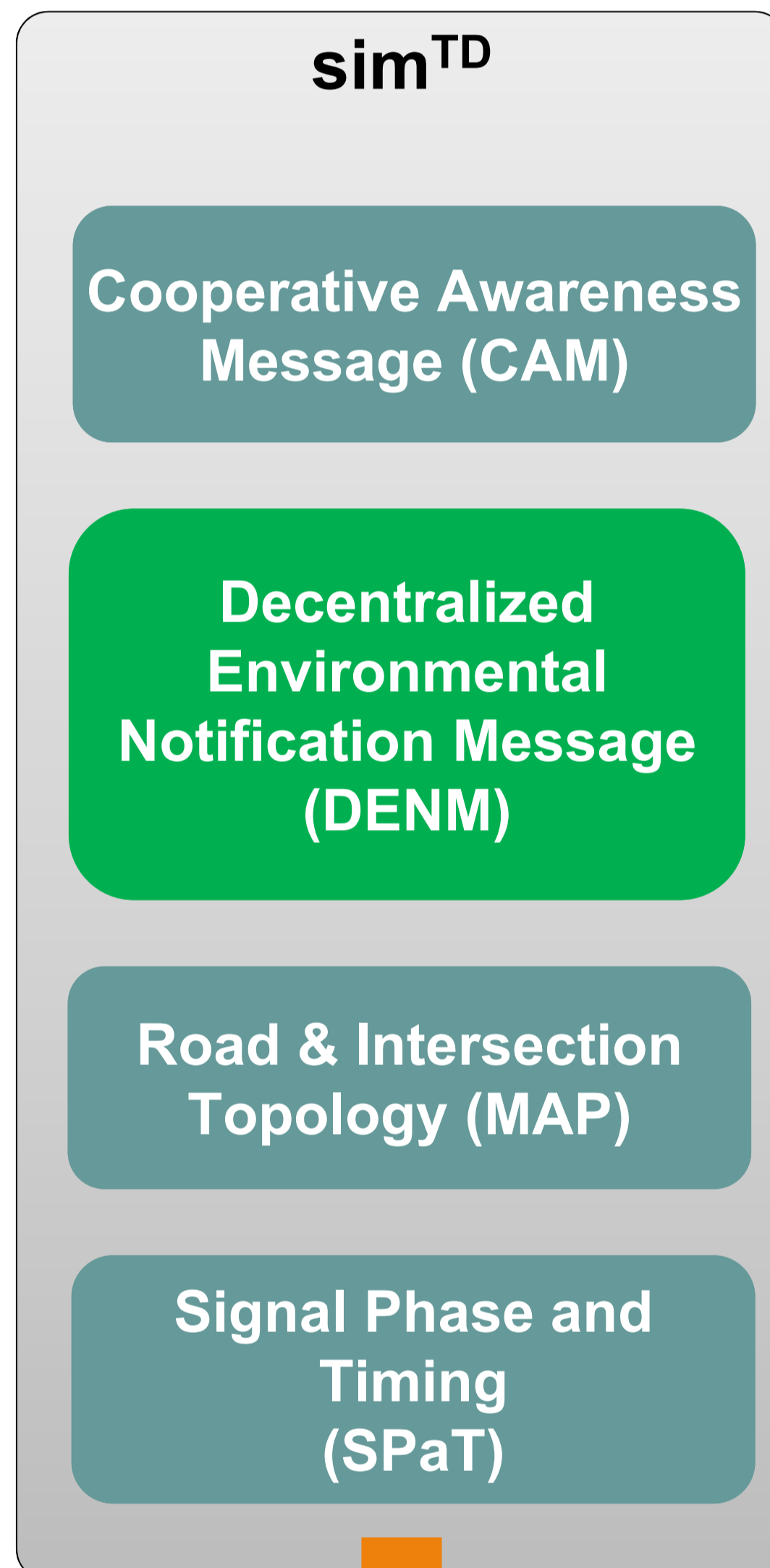
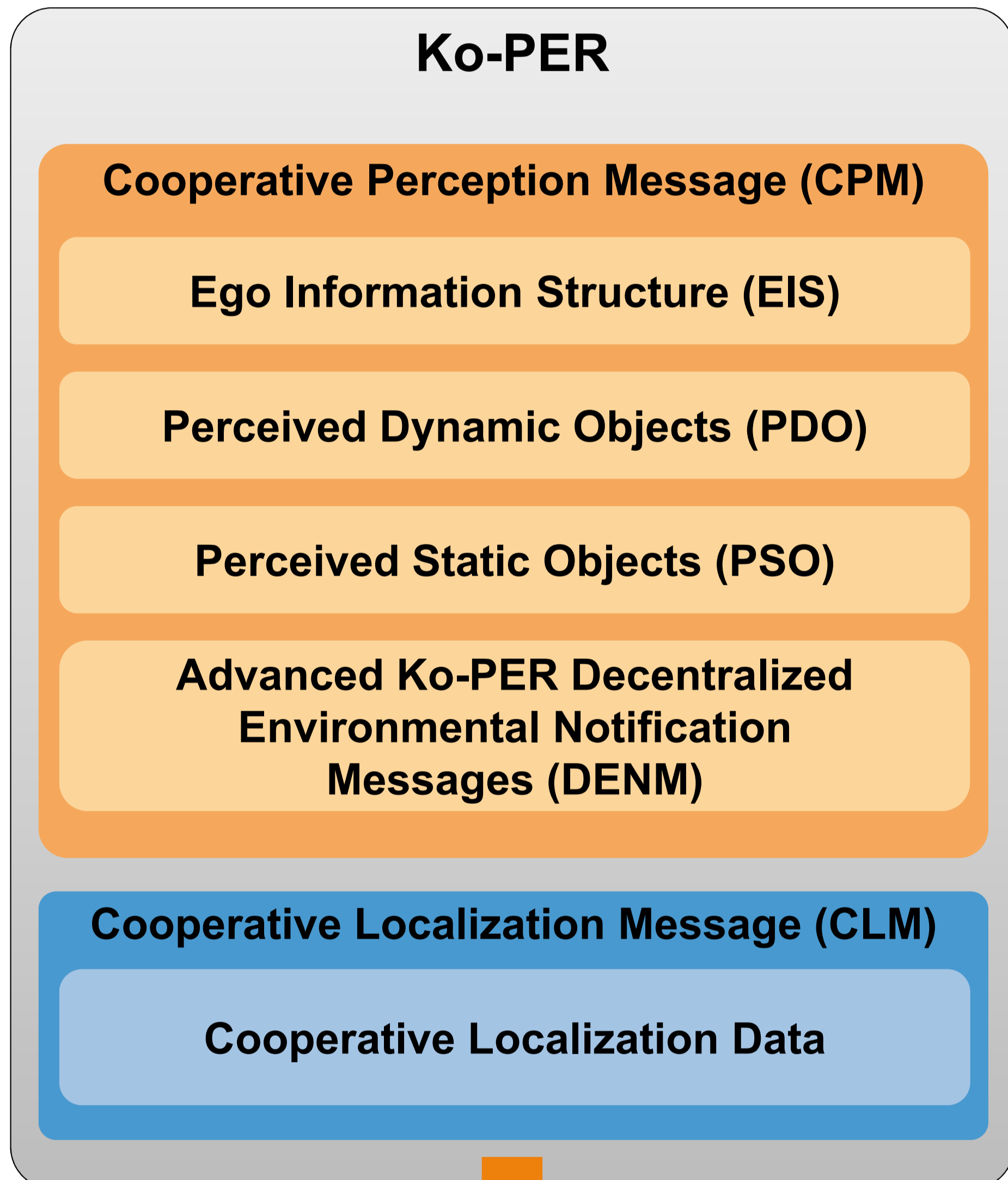
# Ko-PER Communication Architecture



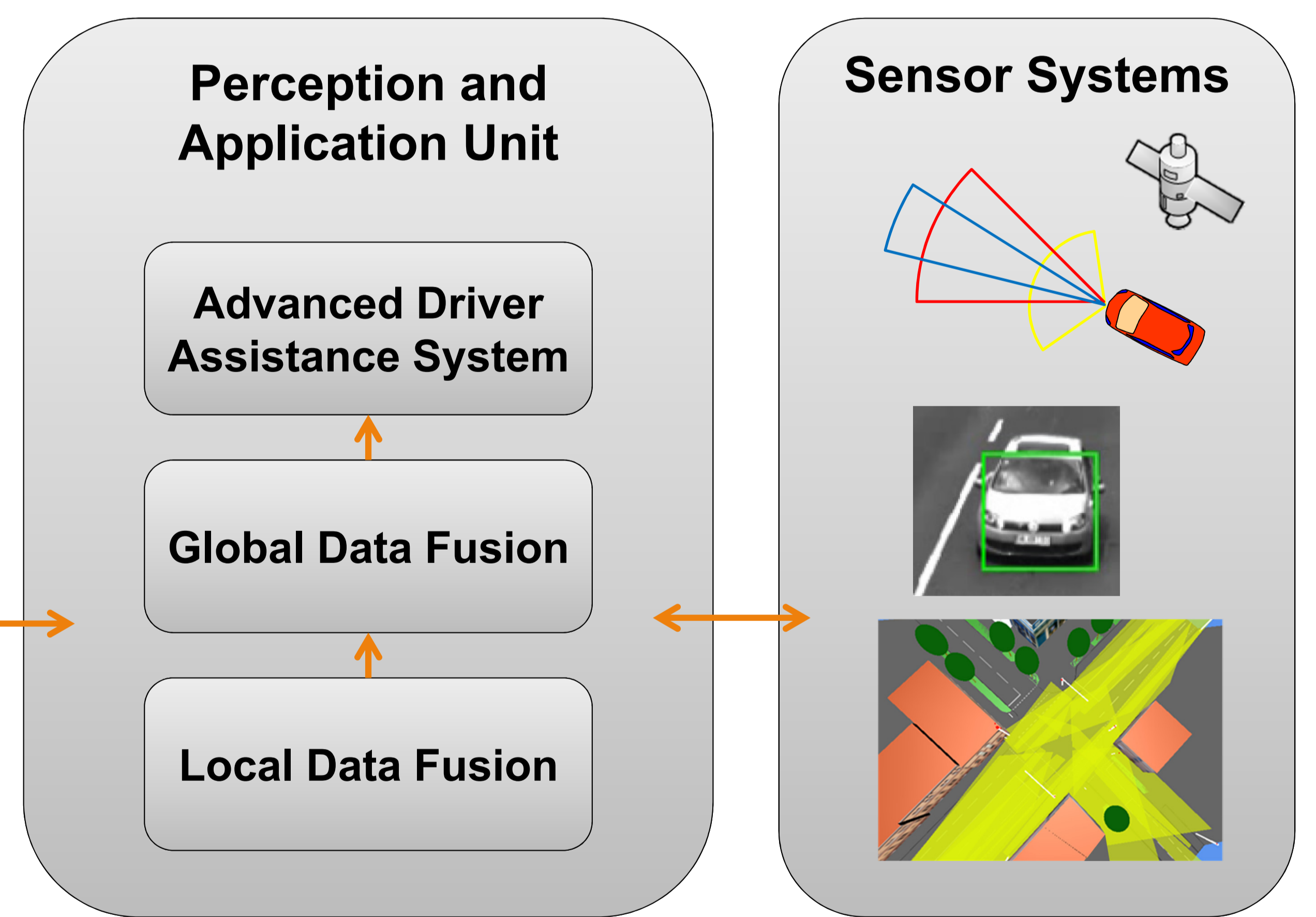
## Motivation & Goals



## Ko-PER Message Types



- Vehicle-Vehicle & Vehicle-Infrastructure Communication
- Reserved ITS frequency range at 5.9 GHz
- Re-utilisation of communication technology from sim<sup>TD</sup> project
- Further use and extension of sim<sup>TD</sup> messages
- Definition and evaluation of advanced Ko-PER messages
- Broadcast of perception and localization data



## Example: Advertised Longitudinal De-Acceleration

- Announcement of imminent braking manoeuvre
- Corresponding broadcast to adjacent vehicles via SVC-DENM
- Cooperative Advanced Driver Assistance System takes advantage of extended field of view.

➔ Save time for the driver (or receiving vehicle) to react !

