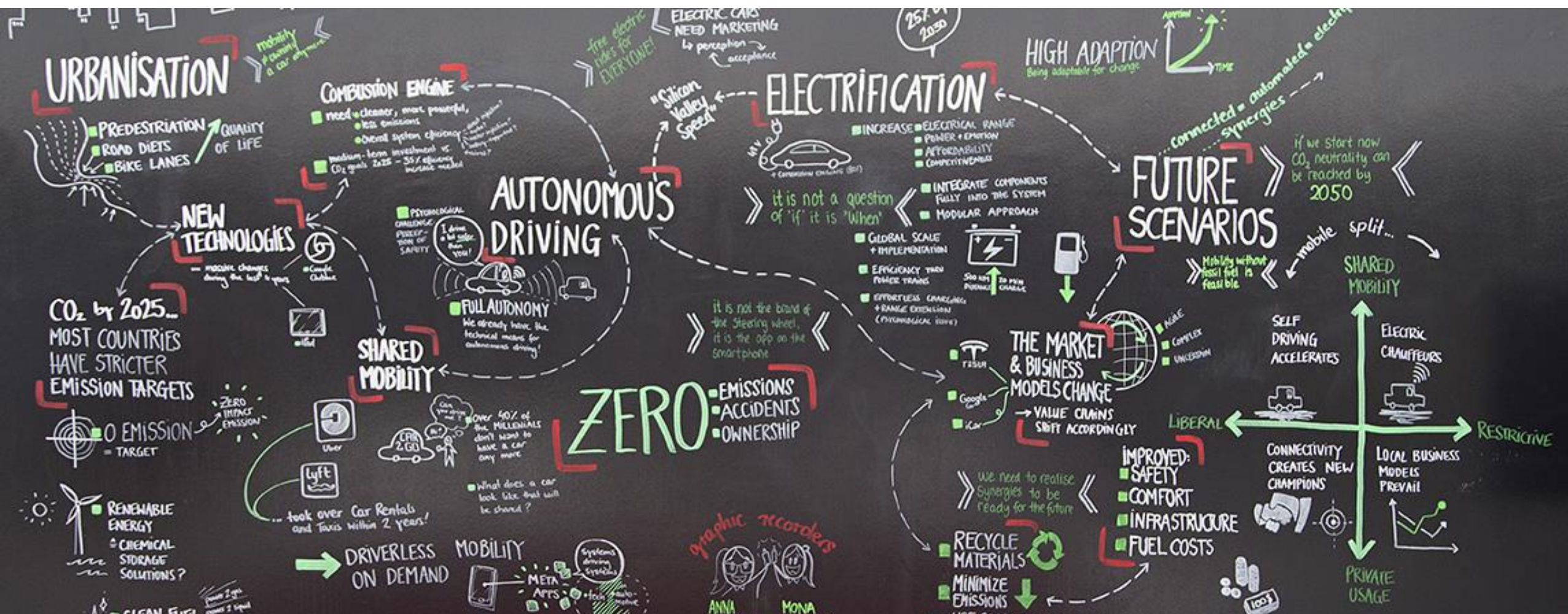


Workshop 1 customer needs & KPIs



Workshop 1: customer needs & KPIs

Workshop 1 customer needs & KPIs- Tasks



- Customer profiles and reasons



- Define use cases for the function



- Define customer needs



- Define the objective KPIs

Workshop 1 customer needs

Tasks

1. Define use cases / parking situations



2. Create 5 different personas



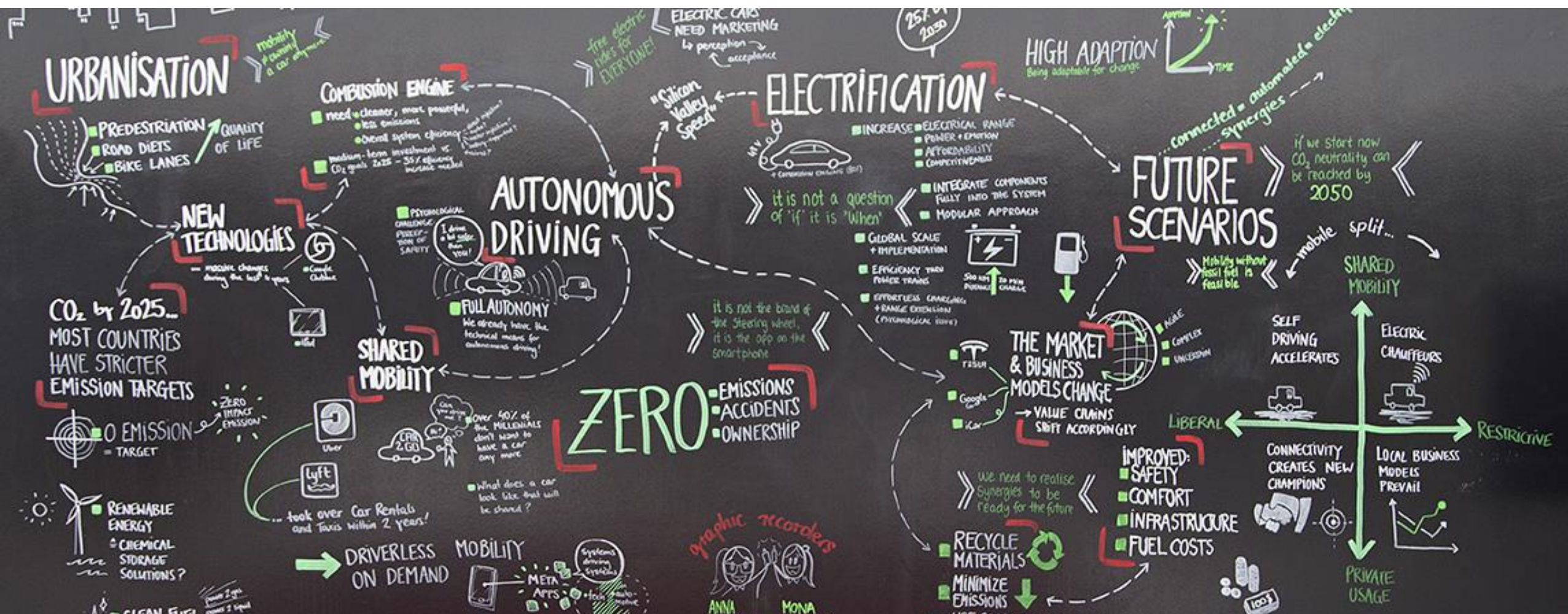
3. Define the individual needs of the personas for a parking assistant and mark the most prioritized one



4. Define the adequate objective KPIs for the evaluation of a parking maneuver



Workshop 2 time model & maneuver



Workshop 2: time model & maneuver

Workshop 2 time model & maneuver



- Create a time model for the PMA function

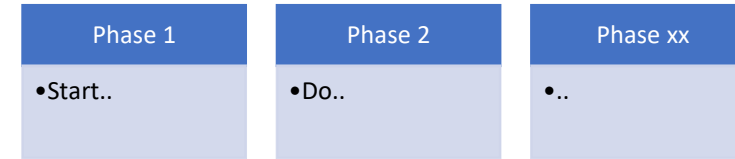


- create a maneuver catalog for the PMA function

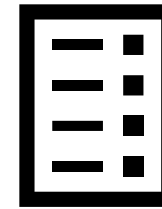
Workshop 2 time model & maneuver

Tasks

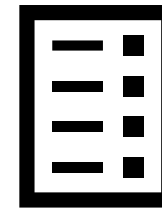
1. Create a time model for the PMA function



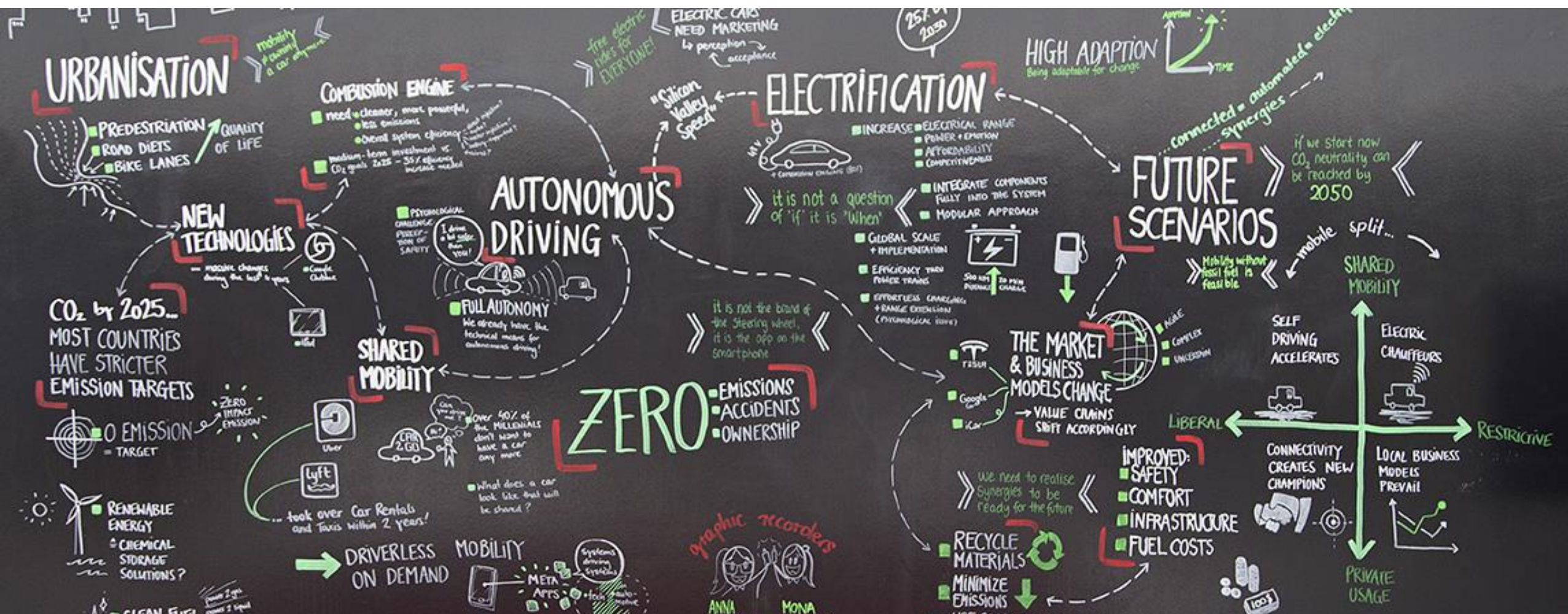
2. Create a maneuver catalog for the PMA testing including requirements for parallel and perpendicular parking



3. create a maneuver catalog for maneuvers for special cases



Workshop 3 : Human vs. PMA



Workshop 3 : Human vs. PMA

Workshop 3 : Human vs. PMA



- Performance analysis human vs. PMA, in which situation do you see the advantages with the human and where with the PMA?



- KPI Evaluation of the human and the PMA



- Reasons for the different performance?

Workshop 3 : Human vs. PMA

Tasks

1. Conduct a performance analysis human vs. PMA, in which situation do you see the advantages with the human and where with the PMA?
2. Conduct a KPI evaluation of the human and the PMA.
 - Shunting Speed
 - Number of moves
 - Steering while stand still
 - Duration
3. Justify their arguments for the performance of humans and PMAs.

