AMBIENT LIGHTING HMI

HADRIAN

Holistic Approach for Driver Role Integration and Automation Allocation for European Mobility Needs

Manual

ADL2, ADL3

ADL3+

Transitions

Guardian Angel

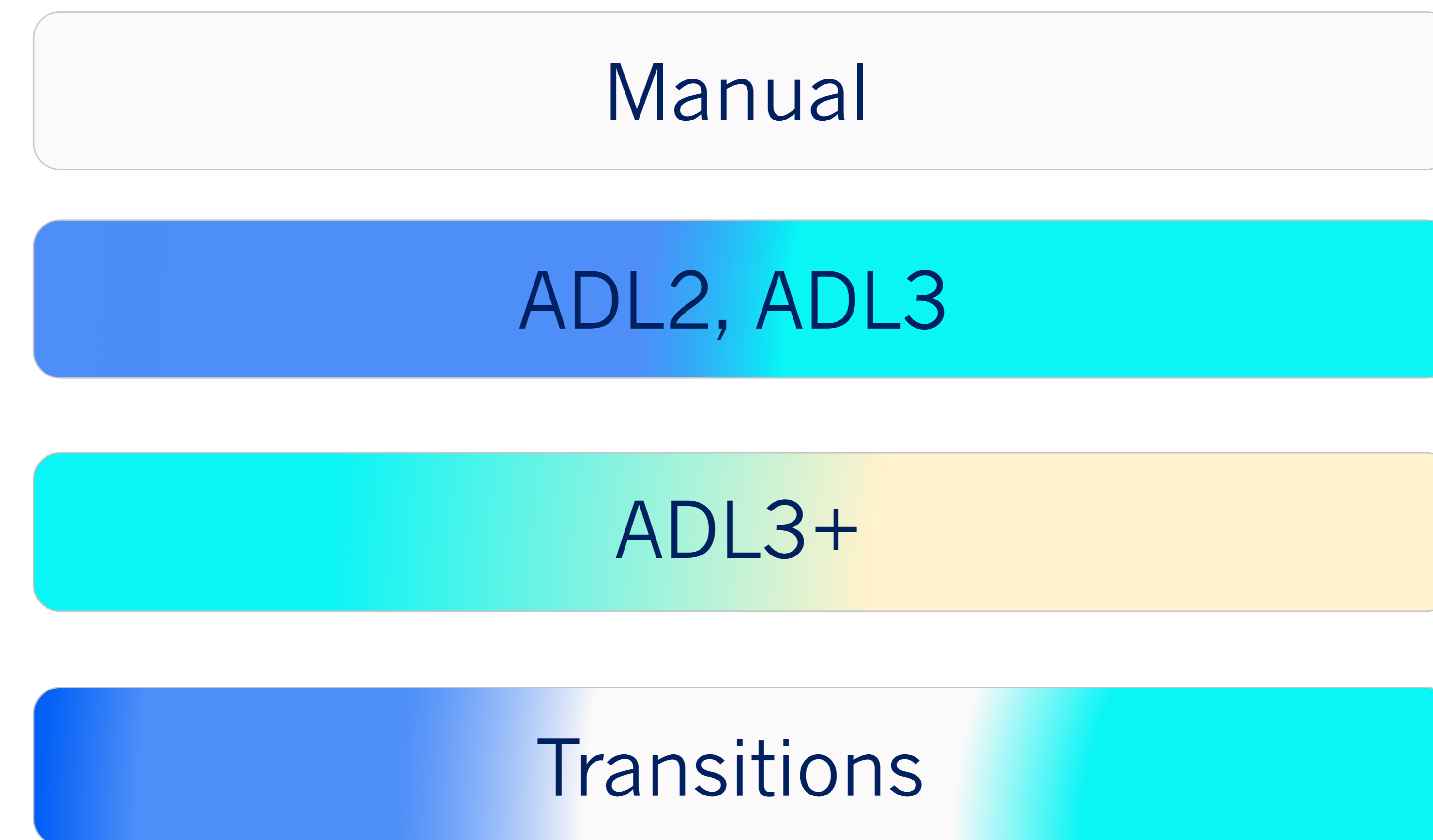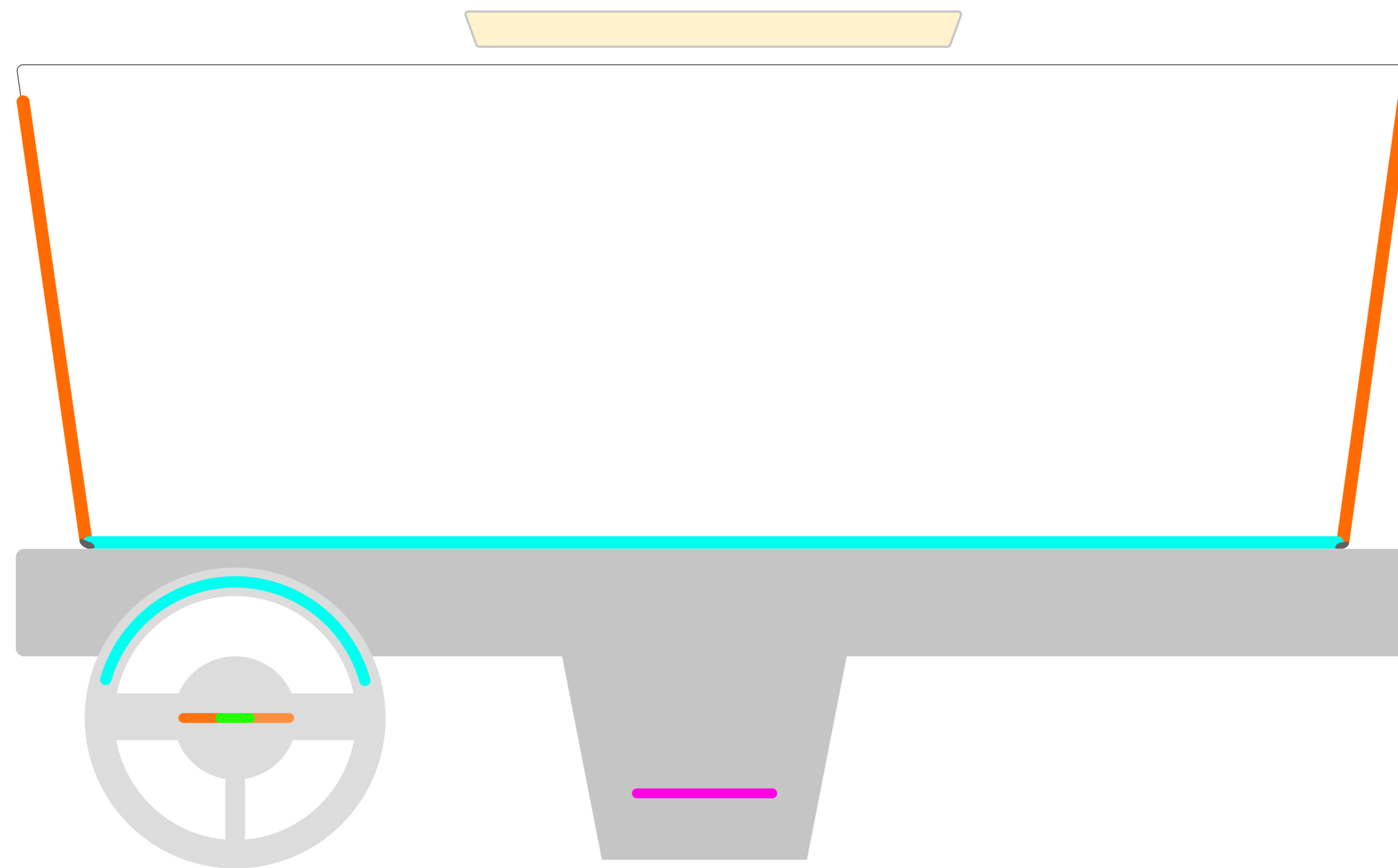### Simulator Setup 1: Mode Changes

Signal **transitions** between Manual driving, ADL2 and ADL3

Lights: Steering Wheel, Windshield and Footwell

Colors: white, blue, turquoise for driving modes; yellow and red for transitions down

Simulator Setup 2: Driving Re-engagement

Cabin light and windshield support driver **re-engagement** after sustained automation.

Lights: Windshield and Cabin light

Colors: white, turquoise for driving mode and dis- and re-engagement; 2200K white for relaxation

Guardian Angel: Twizy Integration

Signal vehicle steering **interventions**, driver distraction and system status

Lights: Windshield, Steering Wheel Center and A-Pillars

Colors: orange, green, red

Driving Modes and Re-Engagement: Truck Integration

Signal driving **modes**, support non-driving related activities (**NDRAs**), and driving **re-engagement**.

Lights: Windshield, Cabin light spots, NDRA

Colors: white, 2200K white, turquoise, purple, orange

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