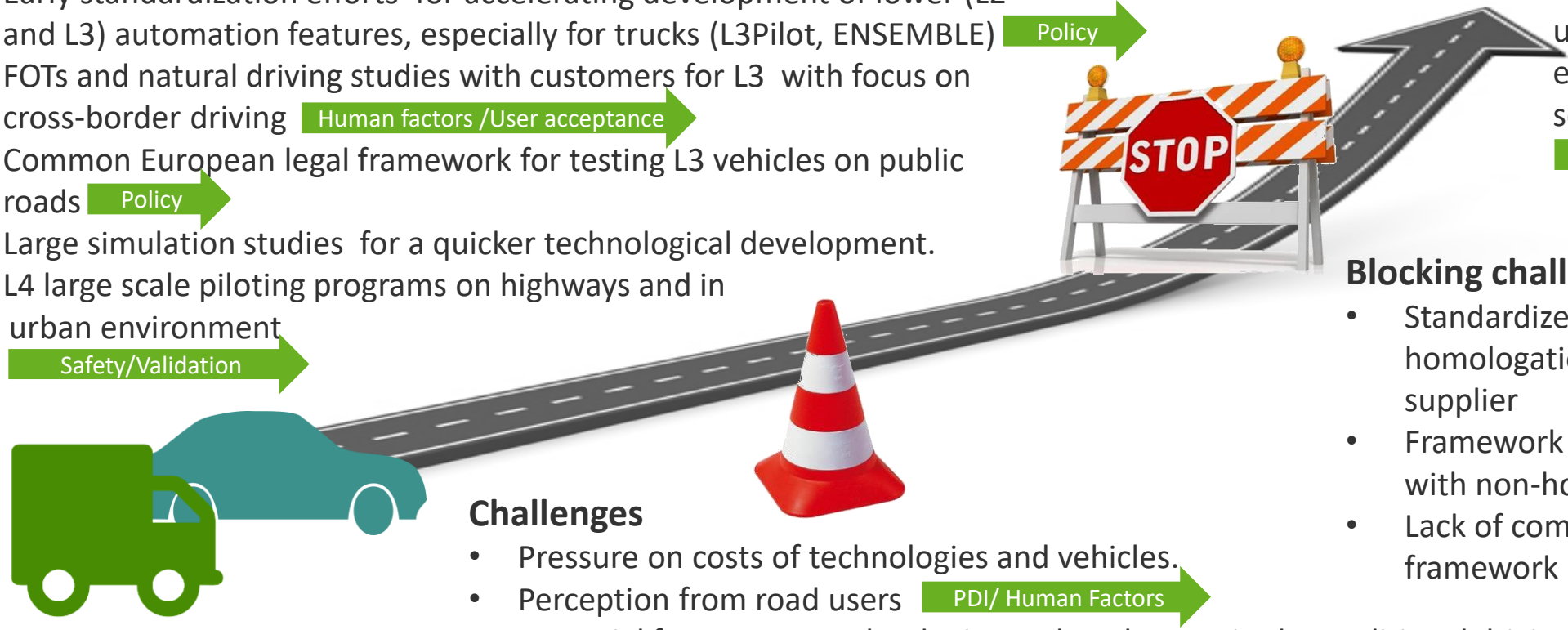
# The road ahead: Deployment (link)

## Enablers

- Early standardization efforts for accelerating development of lower (L2 and L3) automation features, especially for trucks (L3Pilot, ENSEMBLE) Policy
- FOTs and natural driving studies with customers for L3 with focus on cross-border driving Human factors /User acceptance
- Common European legal framework for testing L3 vehicles on public roads Policy
- Large simulation studies for a quicker technological development.
- L4 large scale piloting programs on highways and in urban environment Safety/Validation




## Objective

- Standardized homologation procedure is established. Policy/ Regulatory/ Harmonization
- Living labs are set up to include end users earlier (mobility systems and services). Users/Societal Acceptance

## Blocking challenge

- Standardized procedure for homologation independent of OEM or supplier
- Framework allowing customer pilots with non-homologated vehicles
- Lack of common European regulatory framework Policy/ Regulatory

## Challenges

- Pressure on costs of technologies and vehicles.
- Perception from road users PDI/ Human Factors
- Potential fear to new technologies and to changes in the traditional driving system
- Society accepting benefits and potential drawbacks of vehicle automation Users/Societal Acceptance
- Training and education of professional drivers and private citizens Driver Training
- Agreement among stakeholders on technological solutions to be deployed and regulated (e.g. cooperative ITS) Connectivity

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