

DRIVERLESS CARS ARE NEAR
HERE ALL YOU NEED TO KNOW
TO HAVE NO FEAR



Start date

06.01.2019

Duration

36 months

Budget

€ 3.974.041,25

COORDINATOR



PARTNERS



THE FUTURE IS NOW

PAAsCAL

Enhance driver behaviour & Public Acceptance of Connected & Autonomous vehicles



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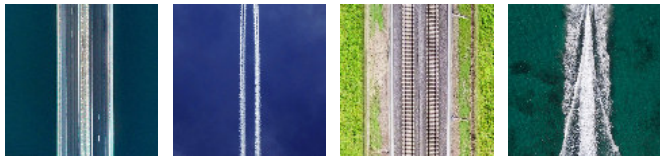
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VISION

PAsCAL will develop an interdisciplinary mix of innovative tools to:

- **Explain** what Connected and Autonomous Vehicles are and how they work
- **Identify** the barriers hindering peoples' acceptance of CAVs and propose solutions
- **Assess** the impact of connected transport on society and peoples' quality of life, to ensure accessibility for all
- **Educate** future drivers and non-drivers to enable the safe, responsible and informed use of CAV technology
- **Design** effective recommendations and guidelines to connect people to autonomy



PAsCAL's approach includes psychological tools, cluster analysis of user characteristics, human driving and passenger simulations, real world pilots, shared space simulation with multi-users, accessible surveys designed for varying abilities, focus groups, stakeholders hands-on workshops and system-dynamics modeling tools.

TRIALS & PILOTS



High-capacity autonomous bus operations



Autonomous driving training



SMEV - Smart Emergency Response



Shared connected transport



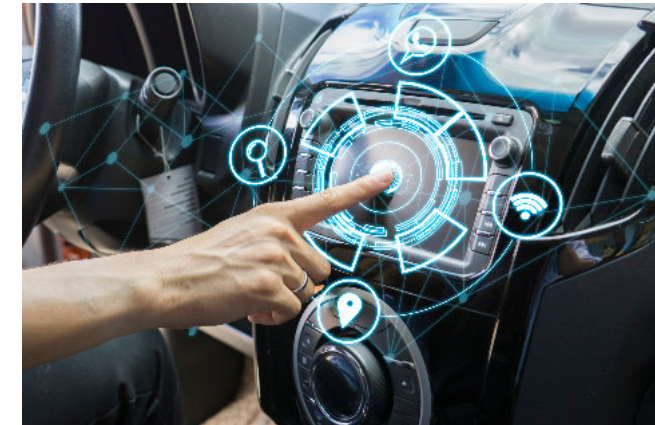
Experience of vulnerable travellers with connected transport environment



SOLUTION

PAsCAL will map public acceptance of Connected & Autonomous Vehicles (CAV) with high level autonomous functions, investigating new drivers' needs related to new modes and mobility services.

It will create a holistic user-centric guide to autonomy (**G2A**), a comprehensive framework of novel tools to close the distance between users and CAV technology, addressing the issues of drivers in a driverless world.



The association to the Consortium of special categories of users, such as disabled persons, and of public authority and service providers with a global outreach of millions of people across EU will ensure results consistency, taking into account major social/barriers that may hinder the acceptance of CAV and would allow their reuse in new business, services and applications.