

Saving 300 lives p.a. in Spain in rural roads (with low cost measures)

- Motivation: stagnation in figures, 53% in rural roads
- Basic reference: DGT's study from 2019
- Objective-driven approach: save 500/300 lives p.a.
- Only conventional roads: (2022) 1,746/1,273/926/769
- Network: total 165,000 km / 17,500 km divided / 148,000 undiv.
- Three types of undivided roads: main, intermediate and local
- Types of crashes: run off the road (right & left), pedestrians & cyclists, intersect.
- Only low cost measures: road marks, hazard/delineation signs, chicanes, lighting, high-friction pavement, crash barriers, rumble strips, traffic calming, roadside obstacle protection/removal...
- Only working on the Infrastructure: vehicles, speed (-10km/h = -35%)... additional reductions
- Between 3 and 25% or the network treated (depending on type of measure)
- Cost: 1.8 B€
- Payback period = 2.0-4.0 years
- Fatality = 1.9 M€, Seriously injured = 385,000 €, Slightly injured = 8,500 € (DGT, March update 2024)

