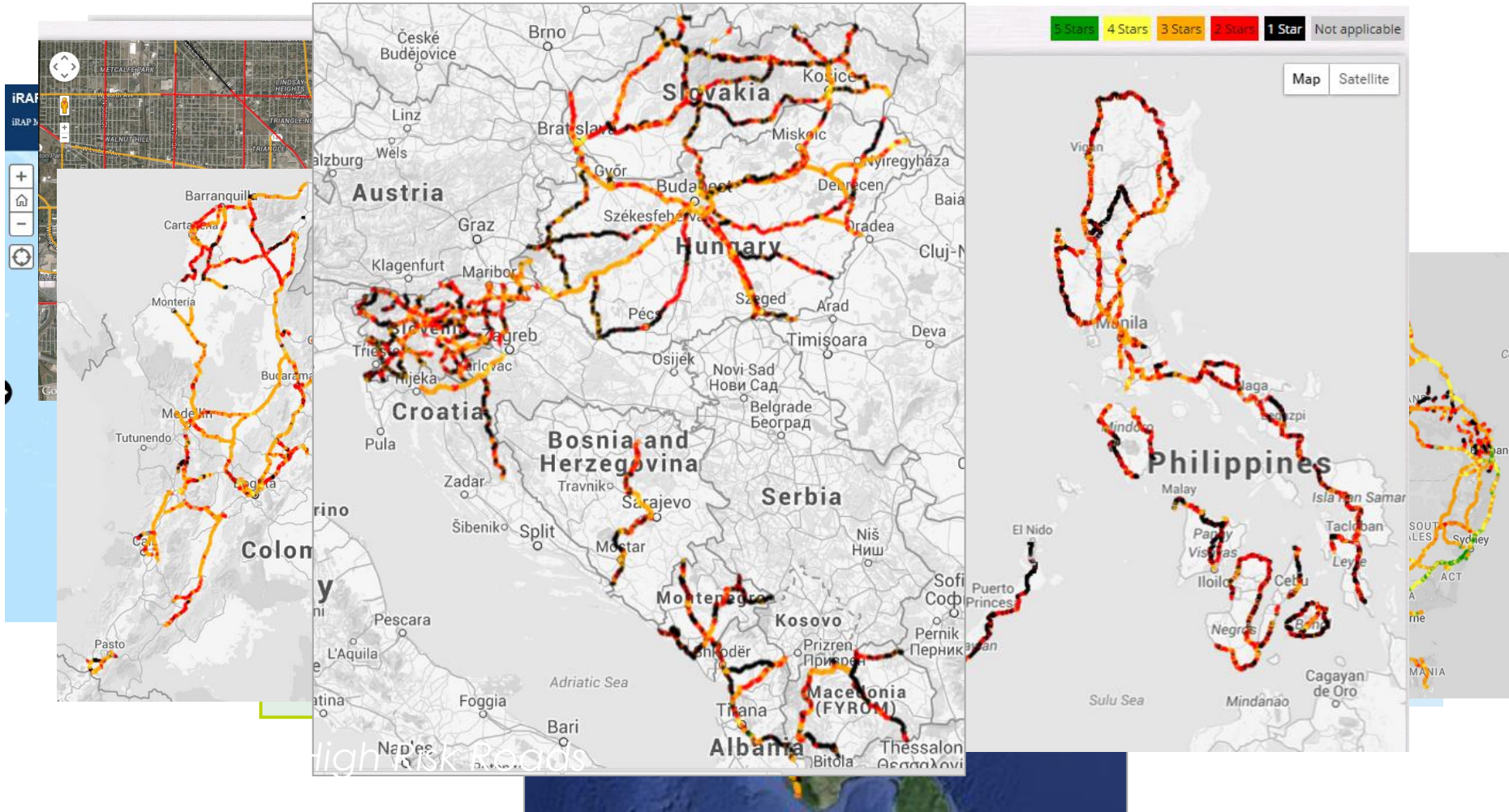


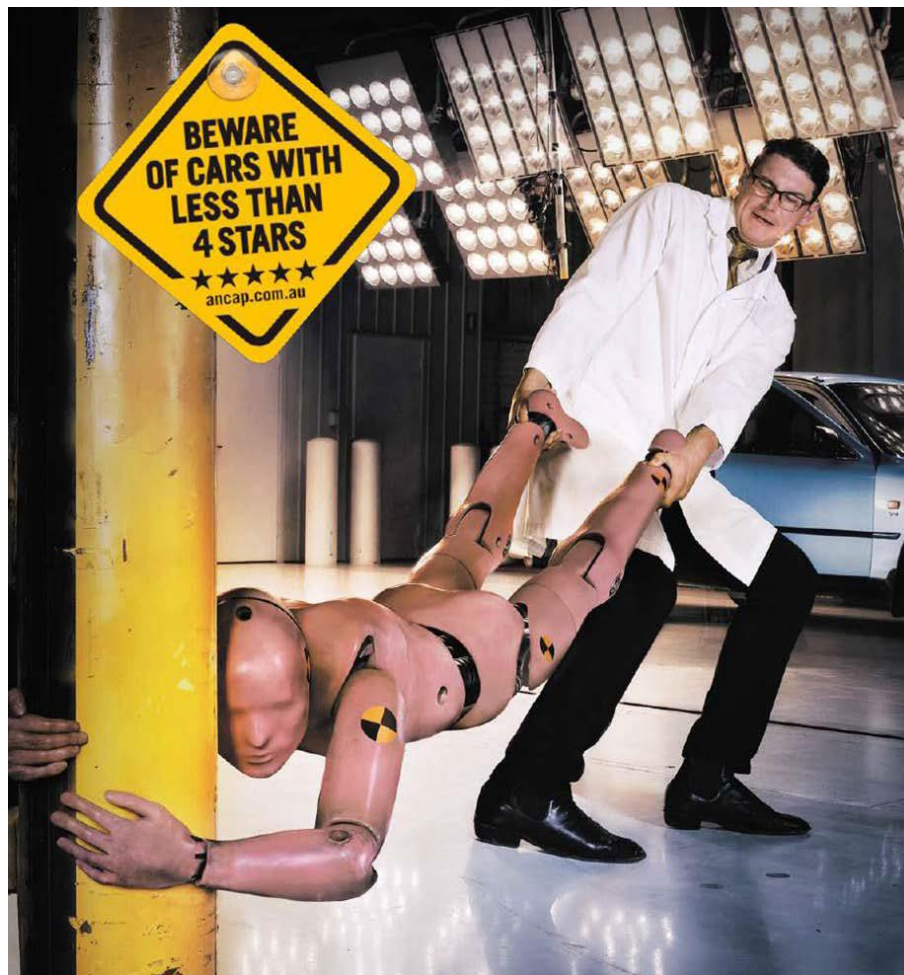
# RAP – A Common Language



A Europe free of high risk roads



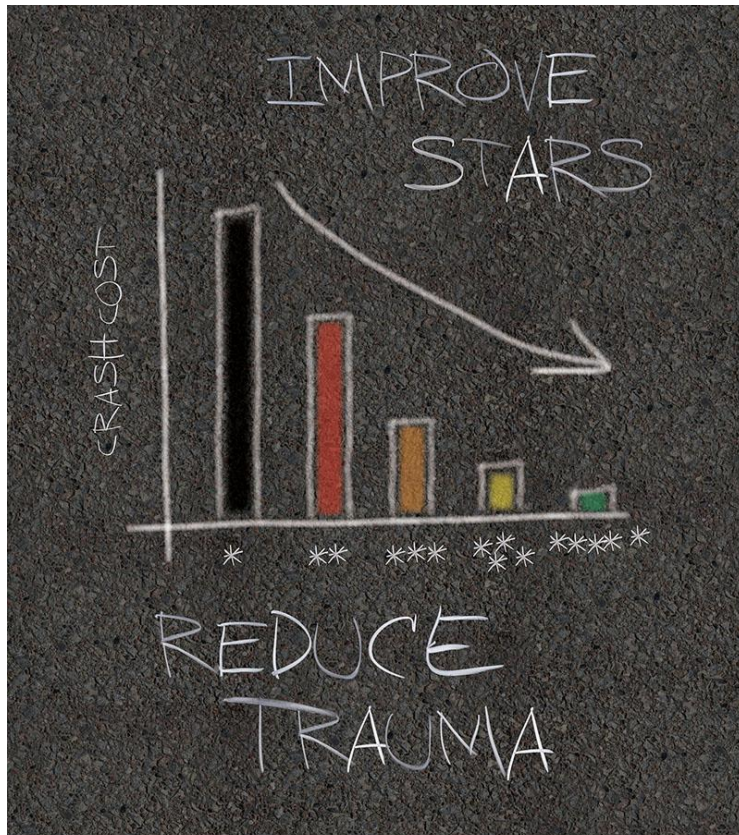
# Beware Roads with Less than 3-stars



A Europe free of high risk roads



# More Stars, Less Trauma



Crash costs are lower on roads with better Star Ratings. Safer roads mean healthier and more prosperous communities.

A world free of high risk roads

[www.irap.org](http://www.irap.org)



A Europe free of high risk roads



# Economic Safety Levels



<b>International highway</b>	<b>5-star</b>
<b>Major National Highway</b>	<b>4-star</b>
<b>National/Major Regional Highway</b>	<b>3-star</b>



# 2015: Safety Performance



## *Netherlands*

- minimum 3-star for national roads by 2020

## *Sweden*

- 75% of travel on 3-star minimum roads by 2020, 100% by 2025

## *England*

- 90% of travel at 3-star minimum by 2020

SAFETY ATLAS 2011





# Saving Most Lives for the Money



## Priority Recommendations

760 pedestrian crossings

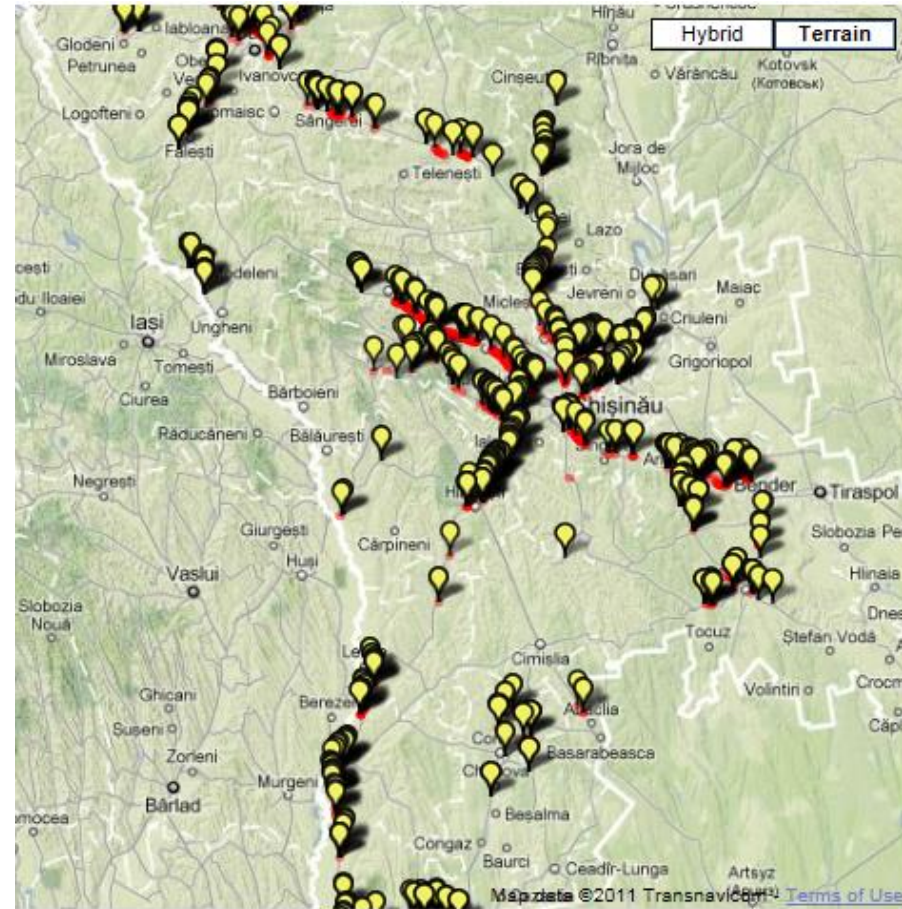
260km roadside barriers

10km hazard clearance

2.000km of shoulder treatment

1.160km new road markings

50 roundabouts



# Safe Junctions



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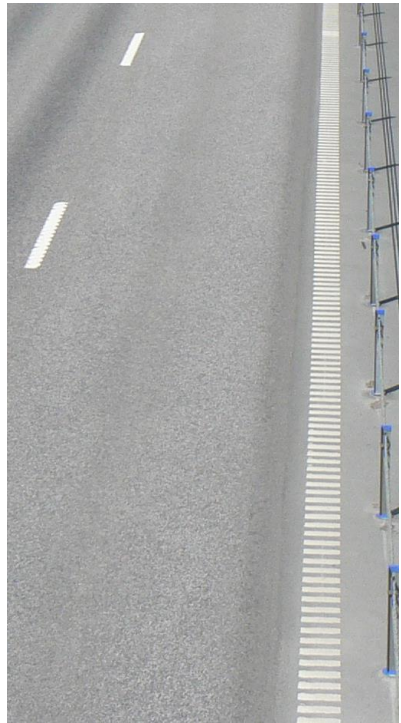
# Safe Villages



A Europe free of high risk roads



# Safe Roadsides



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# Turning €1 into €7



- Road crashes are costly
- 2-3% GDP
- Emergency services
- Hospitals
- Long term care
- Tax on jobs
- Costs to family
- Insurance





# Smart Investment





# Smart Investment

