



# Concrete roads contribute to a greener and more resilient future for Europe

Climate change calls for a move to green and resilient road infrastructure for the European Transport and Mobility Strategy. The Green Deal targets at least 30 million zero-emission vehicles by 2030, requiring high quality, safe and robust roads.

## Four significant reasons to choose concrete



### High albedo

Light coloured concrete surfaces have a high light reflection, which counteracts global warming, equivalent to a reduction of 25 kg CO<sub>2</sub>/m<sup>2</sup>. In addition, it reduces the Urban Heat Island Effect.



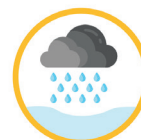
### 100% circular

Concrete roads are made with local raw materials, have a long life, hence a lower cost and are 100% recyclable.



### Less fuel consumption

Heavy vehicles consume less fuel when riding upon smooth and non-deformable surfaces. Changing from flexible asphalt to rigid concrete creates over time an average saving of 78 kg CO<sub>2</sub>/m<sup>2</sup>, far beyond the embodied CO<sub>2</sub> amount.



### Higher resilience

Concrete roads resist floods, withstand extreme temperatures and retain their structural performance over time.

For more information, visit [www.eupave.eu](http://www.eupave.eu)

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