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CONCRETE PAVEMENTS MAKE ROADS MORE SUSTAINABLE

LESS GLOBAL WARMING

Concrete roads can strongly contribute to reduction of CO₂ emissions from road transport.

Vehicles consume up to 6% less fuel when riding upon smooth and

non-deformable road surfaces.

up to

Concrete roads require minimum maintenance work, thereby causing less traffic jams.

-80%

Light coloured concrete surfaces have a high light reflection, which counteracts global warming.



HIGHER RESILIENCE TO CLIMATE CHANGE

Concrete roads show better resilience to climate change and extreme meteorological events.

They withstand extreme temperatures.



Concrete roads resist floods as they retain their structural performance in the event of sub-base subsidence.







Pervious concrete pavements are essential in storm water management: they allow surface water either to infiltrate in the soil or to be stored in a "reservoir road" with a deferred evacuation.

SUSTAINABLE WATER MANAGEMENT

Concrete contributes to a more ecological water cycle management.

100% CIRCULAR

Concrete roads are made with local raw materials, offer a long service life and are 100% recyclable.



At the end of its service life, a concrete road can be crushed and **recycled**, used for new concrete pavements or foundations.



Concrete pavements have a **service life** of 40 years or more, significantly longer compared to other pavement types. This allows savings in natural resources such as sand and gravel.



Concrete is neutral

on polluting agents

and totally harmless











