

## Impact absorbing road materials the International Cycling Safety Conference 2014

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### ABSTRACT

In playground surfacing a recent development in Sweden has included the replacement of sand as impact absorber by polymeric materials. This development has been driven by the accessibility need of disabled to such areas.

For cyclists the number of injured is increasing. The reasons to fall are various but the cause of injury is normally the same; collision with the pavement.

Our research group has together with industry developed presumptive road materials with more impact absorption than traditional materials. In parallel with this, new testing and characterization methods for this kind of materials have been developed.

**Keywords:** impact absorption, cyclists, vulnerable road users, pavement, injury reduction.

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