

# Quality criterion recycled asphalt

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The use of reclaimed asphalt (RA) as recycled asphalt to form fresh asphalt mix is a strategy that has the potential to conserve natural resources while saving energy and greenhouse gas emissions. The aim of the project is to develop the basis for a quality criterion recycling asphalt in the context of hot mix production. The basics are intended to quantify changes in energy, cost, pollutant, and GHG emission flows through different proportions of RA by mass flow analysis. The consideration is limited to the production stage. Changes in the durability (lifetime) of different variants are only taken into account within the scope of a sensitivity analysis in the context of this project. Subsequently, best bidder criteria for tenders can be derived from the results of the project.

## Project partners:

E226-02 - Research Unit Waste and Resource Management

E230-03 - Research Unit Highway Engineering

## Funding agency:

VIBÖ-Vereinigung Industrieller Bauunternehmungen Österreichs

ASFINAG Bau Management GmbH

