

SKANSKA

Quality  
asphalt  
mixtures  
& CO<sup>2</sup>

0389

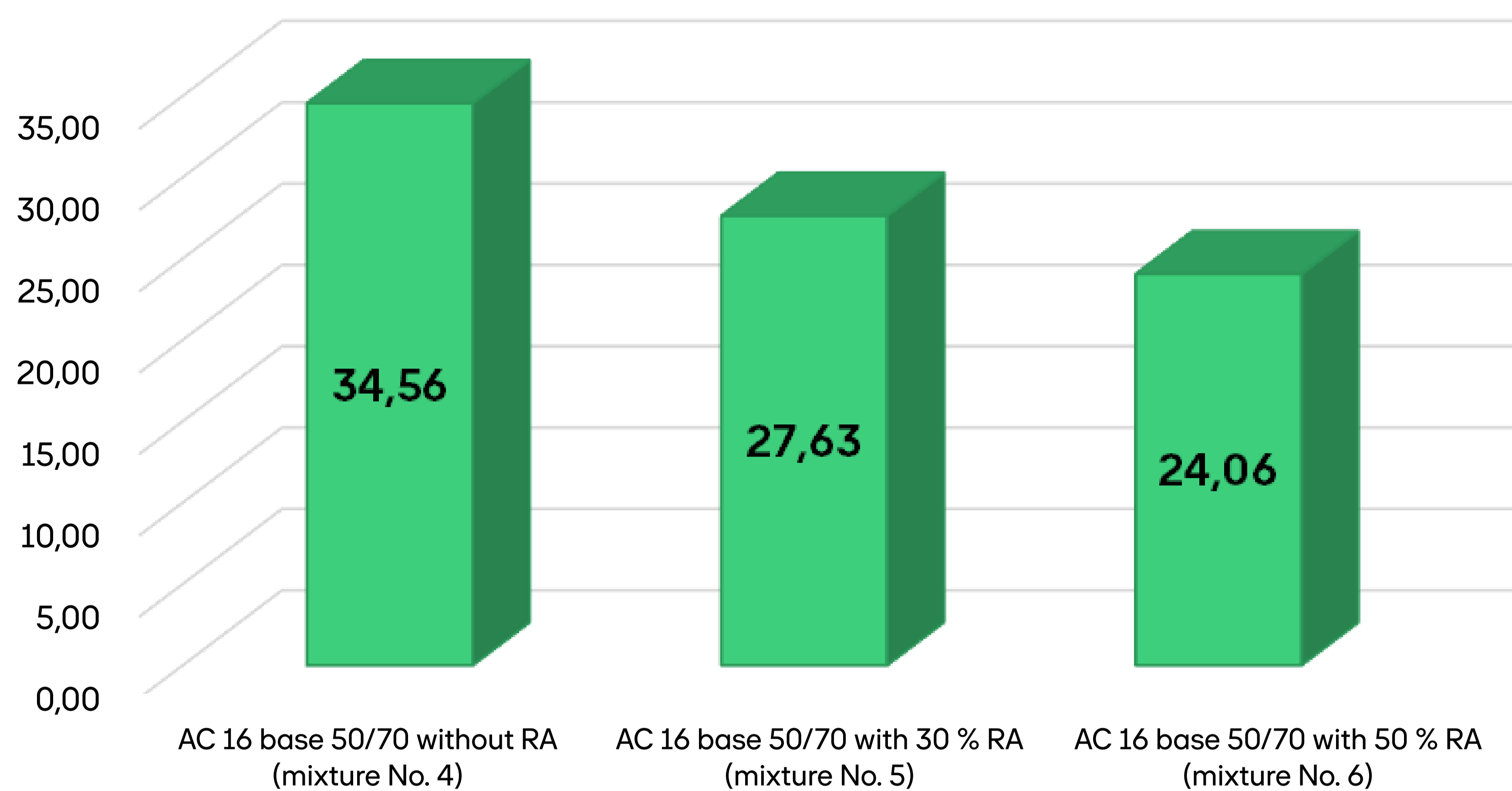
Experience with reducing the carbon footprint of asphalt mixtures with higher amounts of reclaimed asphalt.

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# Quality asphalt mixtures, Lower Carbon

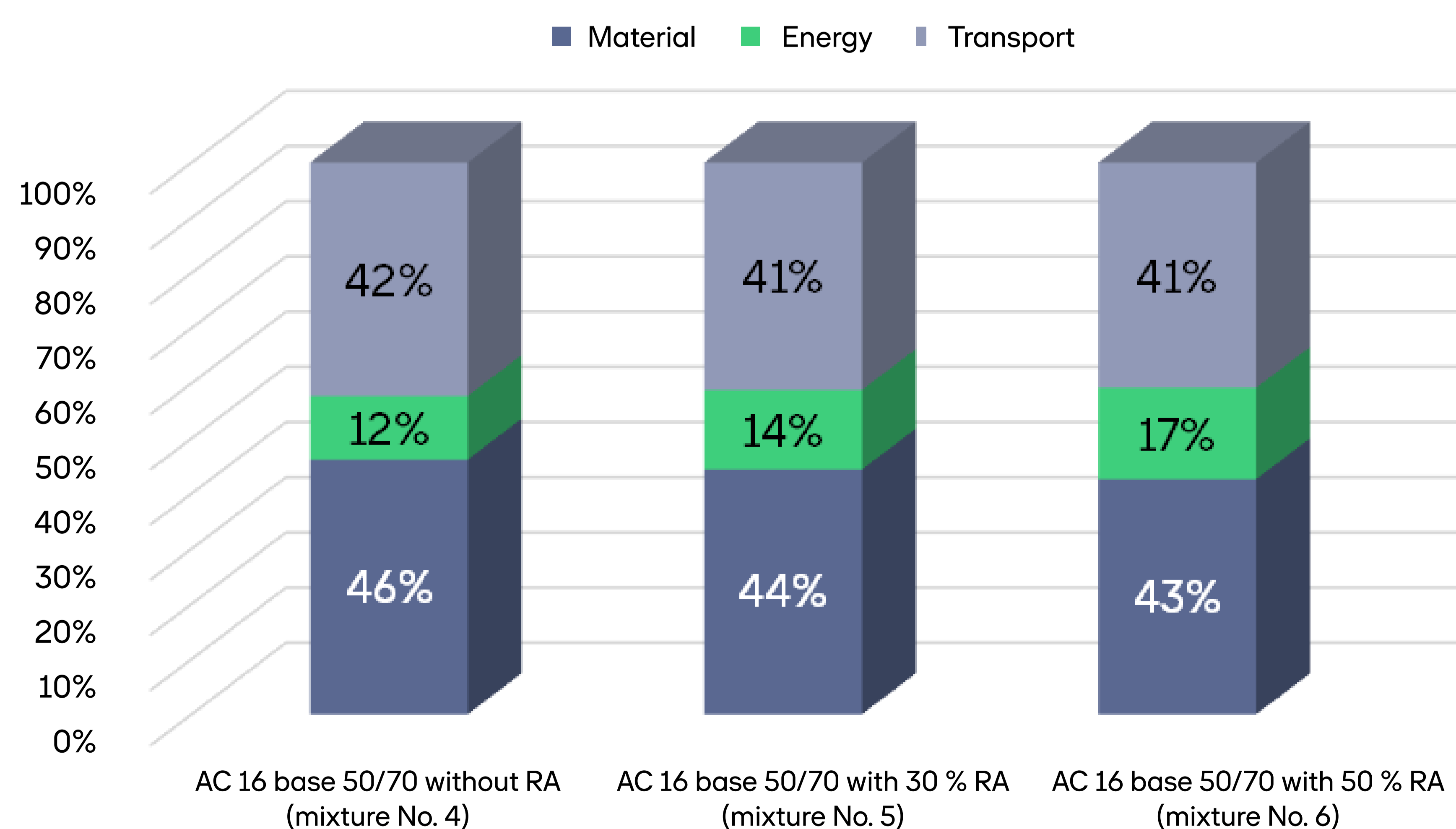
## Reducing the carbon footprint of asphalt mixtures

Asphalt mixtures carbon footprint [kg/t]



It is possible to design asphalt mixtures with a considerably high amounts of Reclaimed Asphalt without negatively impacting its mechanical performance.

Proportion of individual items



Incorporation of Reclaimed Asphalt led to a significant decrease of the asphalt mixture CO<sup>2</sup> footprint.

- **30 % of RA** - difference about 7 kg of CO<sup>2</sup> per one ton of the asphalt mixture which makes about **20 % decrease**.
- **50 % of RA** - difference about 10 kg of CO<sup>2</sup> per one ton of the asphalt mixture which makes about **30 % decrease**.