

Flemish Agency for Roads and Traffic



Vlaanderen
is wegen en verkeer

Short introduction AWV

- Part of Flemish Government
- Management of approx. 7000 km highways and regional roads
- Building new road infrastructure
- On site by contractors

Goals for AWV in this project

- Cost reduction in roadside management (approx.):
 - Mowing and transport: 9M€/y (250 €/ton fresh)
 - Processing grass clippings by composting: 1,7 M€/y (42,5 €/ton fresh)
- More sustainable/ high value processing of grass clippings
 - Transport: valorise potential of using waterways
 - End-product: valorise potential of grass clippings

What has AWW to offer

- Annual production of grass clippings
 - approx. 40 kton fresh material in 4 to 5 months
 - 3 mowing periods (determined by law):
 - 1st: mowing first 1,5m along road (road safety) in april
 - 2nd: mowing after 15 june
 - 3rd: mowing after 15 september
- Characteristics of grass clippings (approx., fresh):
 - Dry matter content: 30-40 %
 - Ash content: 20%
 - Litter: 7%
 - Cellulose: 34%
 - Hemi-cellulose: 24%
 - Lignine: 26 %

Good to know

- Ecological verge management
- Mowing technique = flail mowing
- Public procurement
- No/limited facilities for storage of grass cuttings on site
- Public (and political?) interest