



FACTSHEET NL

Title/topic: BENG/MPG (Near Zero-Emission Building & LCA Requirements)

Details:

This Factsheet is about Near Zero-Emission Building & LCA Requirements.

Enabler (arguments):

A revised combination of these two regulations is necessary, to steer for 'as biobased as possible', and 'as few installations / as passive as possible'.

Disabler (arguments):

- *The Dutch BENG (based on the EU EPBD), regulates 'Near Net-Zero Building', but in practice it causes the increase of mandatory and often unnecessary installations.*
- *The methodology through which the Dutch MPG (LCA-score requirements: EN15804+A2) is scored, causes for buildings to be not as biobased as they could be, and with more mandatory installations than necessary.*

Suggested alternative:

See the recommendation below.

References:

Based on a self-conducted study among members of Circular Friesland Association

<https://marjetrutten.nl/wp-content/uploads/Woningconcepten-en-hun-prestaties.pdf>

<https://greeninclusive.nl/ni-euws/start-bouw-biobased-woning-in-fryslan/>

NOTES

This Factsheet is a condensed version paragraph 1 of Circular Friesland Association's policy recommendations.

See recommendations below:

1. Biobased materials are fairly valued in calculation methods, as CO₂ storage in building materials is included in the MPG (Environmental Performance of Buildings), as well as in the National Environmental Database and Environmental Cost Indicator. This takes into account the actual lifespan, meaning that wood is not considered as 'burned.'
2. The BENG (Nearly Energy Neutral Buildings) and MPG are combined into an integrated sustainability requirement.
3. The MPG is also applied to renovations.
4. The MPG is calculated per housing unit to reflect the actual environmental impacts.
5. In the combination of MPG and BENG, priority is given to a self-regulating construction, and only then are necessary installations considered.
6. The BENG takes into account the type of insulation material and fairly evaluates biobased insulation materials in calculating energy demand, by considering phase shift and sound standards.
7. The BENG provides a more realistic representation of the situation by accounting for additional factors, such as the type of housing (e.g., apartment vs. detached house).