Correction to: Evaluation of bottom ash slagging risk during combustion of herbaceous and woody biomass fuels in a small-scale boiler by principal component analysis

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The original version of this article unfortunately contained a mistake.

The unit in equation 4 was presented incorrectly, “[mol/g]” should be “[mmol/kg]”. The equation with the correct unit is given below:

$$\text{slag index}_{\text{Al,S}} = \left(\frac{\text{Si} + \text{P} + \text{K}}{\text{Ca} + \text{Mg} + \text{Al}} \right) \cdot \text{S} \text{ [mmol/kg]} \quad (4)$$

Accordingly, the unit “[mol/g]” should be “[mmol/kg]” in the text, i.e., in the Abstract as well as in chapter 3.3 (“Adaption of the slagging index”) and chapter 4 (“Summary and conclusions”).

The unit of the x-axis in Fig. 5 (right) should also be corrected which is given below.

Fig. 5 Molar ratio of (Si+P+K)/(Ca+Mg), left, and (Si+P+K)/(Ca+Mg+Al)*S, right, versus SSF. Black filled circles: wood pellets and wood chips (objects I and XI to XXVI), black filled squares: W/M pellet blends (objects II to IV), black filled triangles: W/S pellet blends (object IX and X), black filled diamond: M/S pellet blends (object VI and VII), non filled circles: herbaceous biomass pellets, i.e. 100M and 100S (object V and VIII).

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