



Figure 4. Impact of dietary transitions in curtailing global warming.

Using projected  $CH_4$  and  $N_2O$  levels in 2100 under business as usual diet as a baseline for RF calculation, we computed the  $CO_2$  reductions necessary to reduce RF from the business as usual diet level of  $RF=4.88$  to the bovid-free diet level of  $RF=4.05$  (1300 Gt  $CO_2$ ), the plant-only diet level of  $RF=3.77$  (1690 Gt  $CO_2$ ), the 2.0°C global warming target of  $RF=2.6$  (3160 Gt  $CO_2$ ) and the 1.5°C global warming target of  $RF=1.9$  (3900 Gt  $CO_2$ ). For this analysis we used a corrected RF that accounts for the absence of other gases in our calculation by training a linear regression model on published MAGICC6 output to estimate from  $CO_2$ ,  $CH_4$  and  $N_2O$  levels the residual RF impact of other gases.