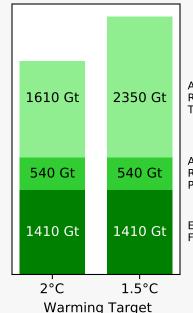
Figure 4. Significance of dietary transition in curtailing global warming.

Using projected CH<sub>4</sub> and N<sub>2</sub>O 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=5.13 to the bovid-free diet level of RF=4.26 (1410 Gt CO<sub>2</sub>), the plant-only diet level of RF=3.88 (1950 Gt  $CO_2$ ), the 2.0°C global warming target of RF=2.6 (3560 Gt CO<sub>2</sub>) and the 1.5°C global warming target of RF=1.9 (4300 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<sub>4</sub> and N<sub>2</sub>O levels the residual RF impact of other gases.



Additional Emission Reduction Needed To Reach Target

Additional Emission Reduction From Plant Only Diet

Emission Reduction From No Bovid Diet