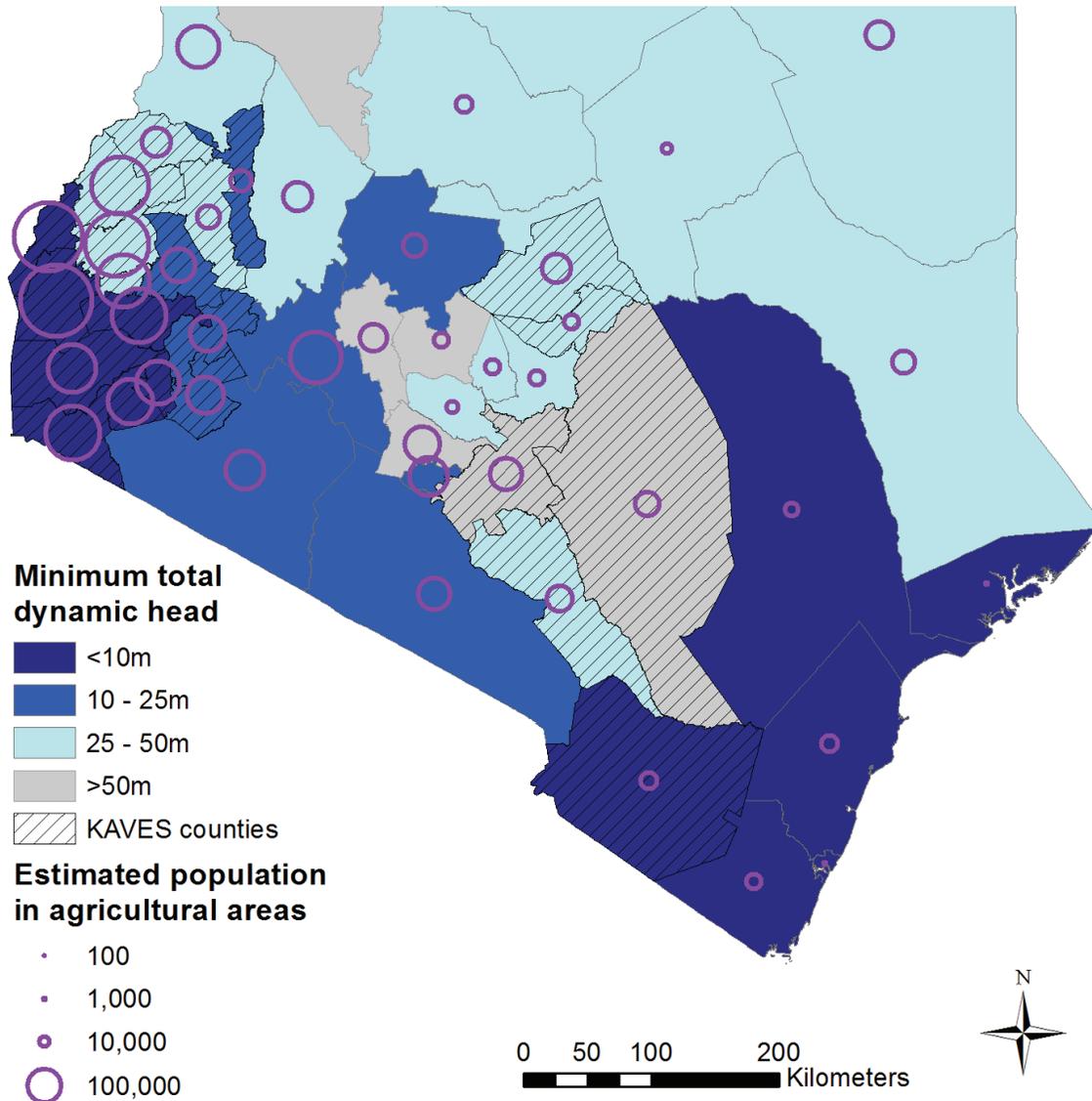


ASSESSING DEMAND FOR SOLAR WATER PUMPS IN KENYA

The map below shows the lower range of Total Dynamic Head (a measure of the power needed to pump water) and the estimated population of farmers in each county. Currently, solar pump products on the market in Kenya fall into two main categories: pumps that are designed to perform up to 10-15 meters Total Dynamic Head (US \$350-700), and pumps that are designed to perform above 10 meters Total Dynamic Head (US \$1,500+). As this map shows, for the counties in the two darkest blue colors, most farmers should be able to use solar water pumps in the lower price range.



Source: Ministry of Water and Irrigation , Nairobi Office