





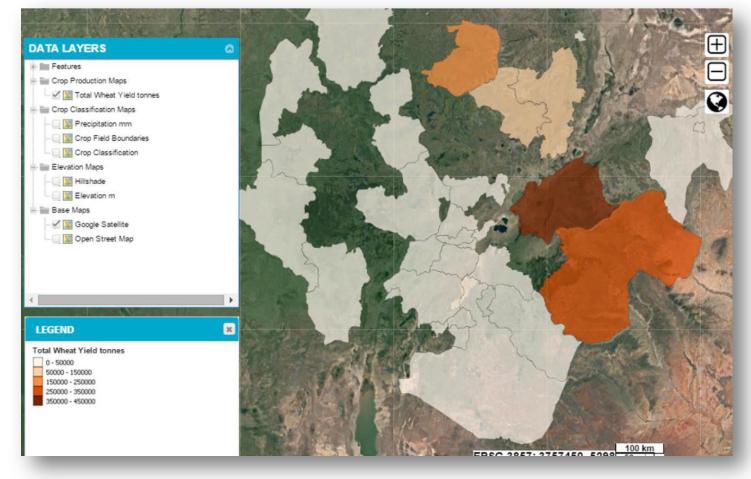
## **Applications: Agriculture**

+Weather data gathered at point locations +Processed to forecast crop potential +Satellites monitor actual crop progression +Gap analysis used to drive decision support to maximize farmer yield +Fertilizers and pesticide monitoring +Soil erosion detection +Grower practice improvement



Resolution

70,50 and 31cm



## **Applications: Commodity Supply**

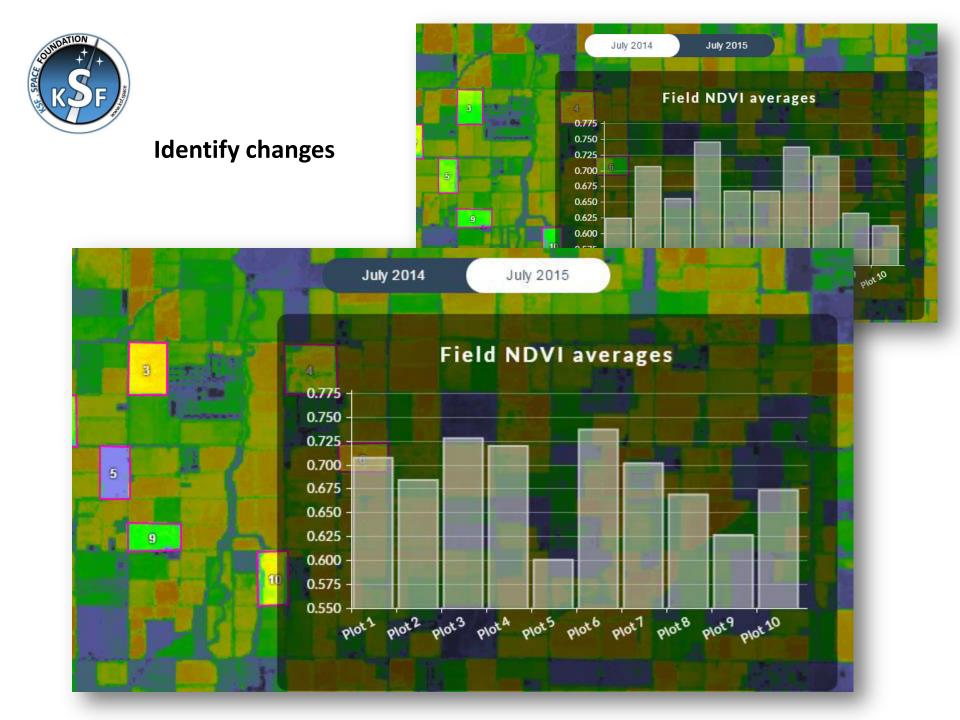
+Up-scaling to assess regional production
+Supply forecasts inform processors
+Aggregated data platform will provide new feed to commodity & futures markets
+Extends to other commodities –metals (mining), timber, oil & gas.
+Creating an 'Internet of Stuff'



Monitoring fields

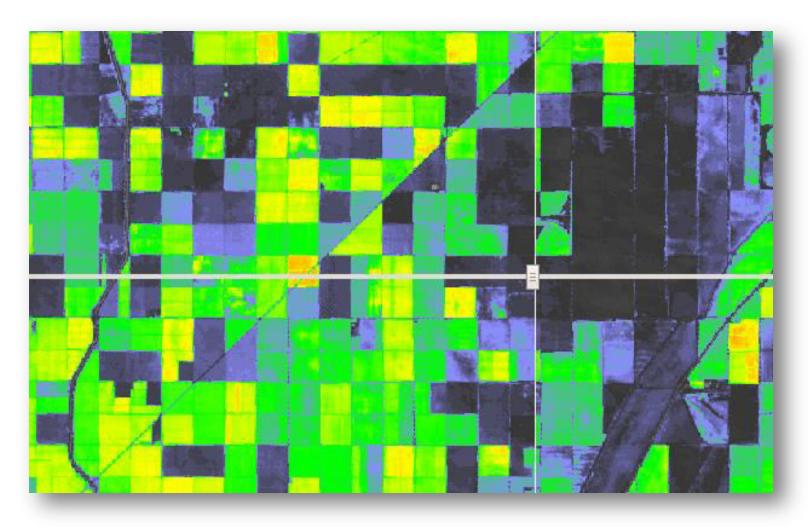
Resolution 70,50 and 31cm







*Resolution 70,50 and 31cm*  Vegetation appears red in satellite imagery processed for healthy vegetation.





## Segmentation Layers



