Impact, Outcome, Outputs, Activities and Inputs of NADRES v2

Impact
- Offers a visualised, comprehensive view of the likelihood and impact of disease in a given region, this helps the policy makers and planners to improve risk management and risk governance by prioritizing risk management efforts
- Information related to disease clusters and risk map helps policy makers and planners to selectively targeting the cluster regions that can be effective intervention strategy

Outcome
- NADRES v2 Forewarning bulletin on forewarning of 13 major livestock diseases in the country
- LDF mobile app, NADRES v2 web Application, Risk Map and Disease clusters
- Automatic alerts

Outputs
- RDBMS database on metrological data, remote sensing data, livestock population data and disease events database
- Creation and updating database and development and testing artificial system of models

Activities
- Data collection from 31 AICRP centres, compiling cleaning of disease events
- Extraction of metrological data and remote sensing data from the source layers
- Forecasting of metrological and remote sensing data advance two months
- Annotation of metrological, remote sensing, livestock data and disease outbreak data
- Creation of annotated database and development and testing artificial system of models

Inputs
- Disease events data entry, database creation and updating of data on metrological and remote sensing data