



ReCAMA WORKSHOP AND BUSINESS-MACHING EVENT ON SUSTAINABLE MECHAINZATION FOR SMALL HOLDER FARMERS

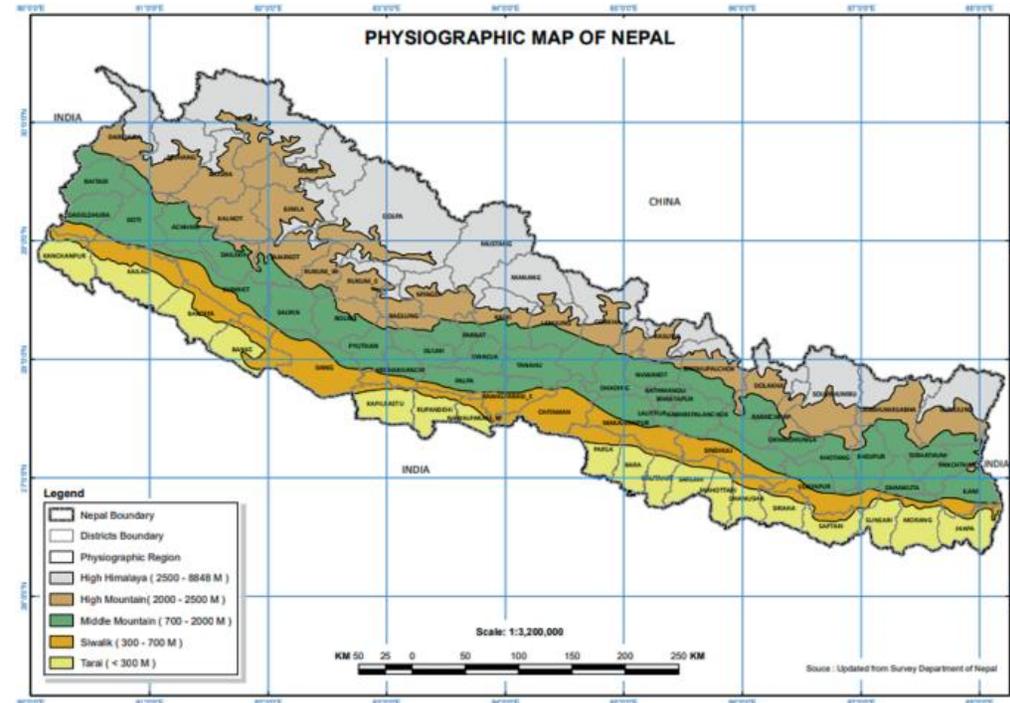
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Founder President

NEPAL AGRICULTURAL MACHINERY
ENTREPRENEURS' ASSOCIATION

KATHMANDU, NEPAL

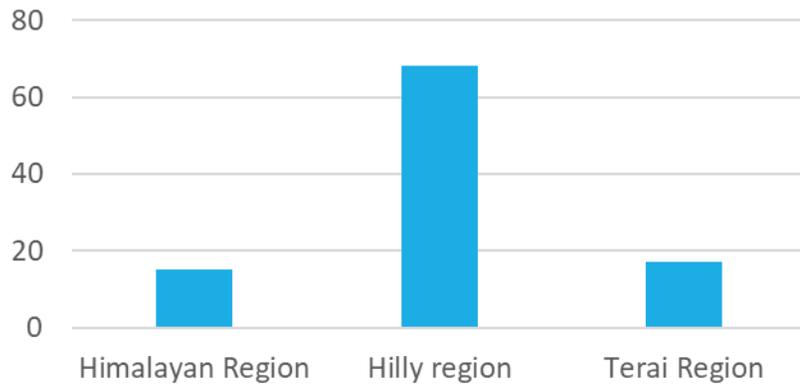
FEDERAL DEMOCRATIC REPUBLIC OF NEPAL

- TOTAL AREA -147,516 sq. KM, 0.1% of TOTAL LAND AREA OF EARTH
- 77 DISTRICTS, 263 MUNICIPALITIES , 3157 VDCs
- POPULATION 28.98 MLN.
- PREDOMINANTLY AND AGRARIAN COUNTRY
- AGRICULTURE CONTRIBUTES 29.37 % to GDP, 66% EMPLOYMENT
- 21% OF THE LAND IS CULTIVATABLE (47% RAIN-FED)
- AVERAGE LAND HOLDING 0.68 HA
- MAJOR CROPS PADDY, MAIZE WHEAT AND HORTICULTURE
- LIVESTOCK: CATTLES, BUFFALOS, SHEEP/GOAT, PIGS AND POULTRY

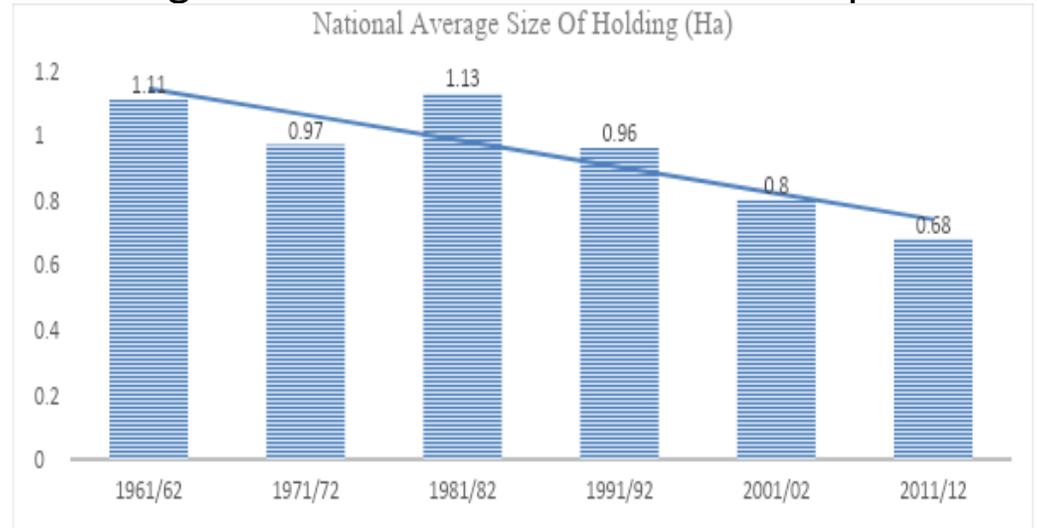


CONTEXT

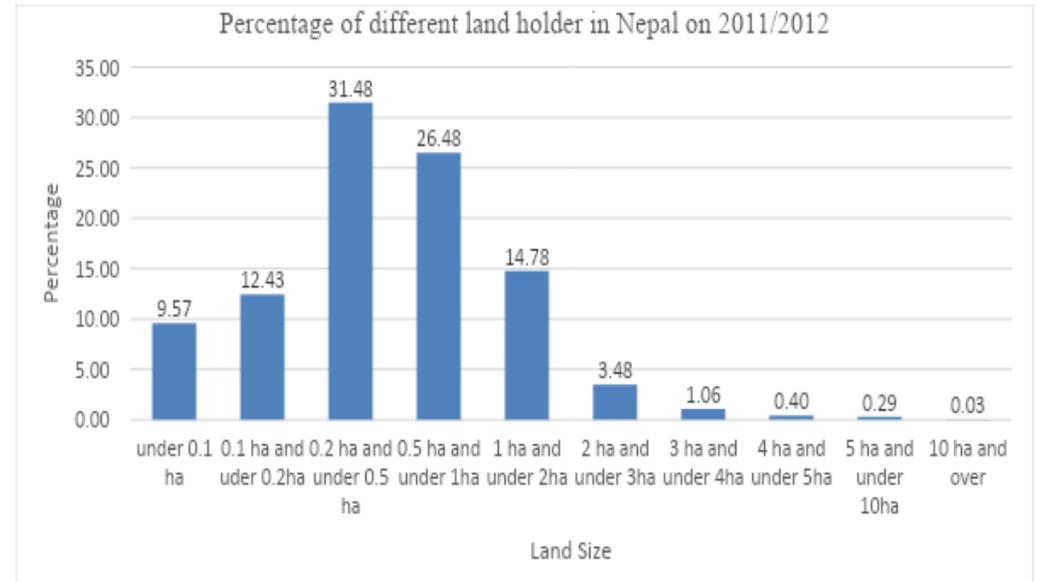
Geographical Distribution of Nepal



Agricultural Land Distribution in Nepal



Percentage of different land holder in Nepal on 2011/2012



CONTEXT

- SOUTHERN PLAIN AREAS FOUR WHEEL TRACTORS
- RICE >90% MANUAL TRANSPLANTATION
- COMBINED HARVESTERS AND REAPERS, HILLS BRUSH CUTTERS
- IRRIGATION EQUIPMENT, SOLAR PUMP, DRIP IRRIGATION,
- GREEN HOUSE TECHNOLOGY INCREASING RAPIDLY
- SUBSIDY IS THE MAIN SOURCE OF EQUIPMENT PURCHASE
- RESEARCH: 1/3 FARMERS LEAVE THEIR LAND BARREN
- RESEARCH: 1/3 FARMERS ARE NOT MOTIVATED IN FARMING

CURRENT NEEDS AND GAP

- MINI TILLERS HAVE TAKEN OVER OXEN
- BUT STILL NOT SUFFICIENT
- LOW PURCHASE CAPACITY OF FARMERS AS INCOME IS LOW
- SUBSTANCE FARMING
- ONLY SUBSIDY IS THE MAIN TOOLS TO INCREASE MECHANIZATION
- MAIZE IS ALMOST 100% MANUALLY HARVERSTED
- ENGINE OPERATED THRESHERS ARE INCREASING
- DOING PADDY HARVESTING WITH COMBINED HARVESTERS AND REAPERS AND TRACTOR DRIVEN THRESHERS BUT NOT ADEQUATE
- SUBSIDY BUDGET GAP

OPPPERTUNITY

- 4WD TRACTORS SOLD 7000-8000 PER YEAR
- MINI TILLERS ARE SOLD AROUND 5000 PER YEAR ,
- COMBINED HARVESTERS ARE RENTED FROM INDIA AND NOW OWNING FOR RENT LOCALLY ,
- PLANT PROTECTION EQUIPMENT
- HARVESTING EQUIPMENT LIKE REAPERS
- FISHERY AND LIVESTOCK EQUIPMENT CHAFF CUTTER, AERATER
- IRRIGATION EQUIPMENT , PUMP DRIP IRRIGATION
- AGRICULTURE MACINERY HIRING AND SERVICE
- CUSTOMS HIRING TO SOME EXTENT BUT NOT LONG TERM SOLUTION
- ENTREPRENEURS ARE DOING HIRING AND SERVICE

ROLE OF PRIVATE SECTOR

- DRIVER OF MECHANIZATION IN NEPAL
- MOSTLY IMPORT MEETS THE DEMAND
- ACCESS DEMAND, IMPORT , DEMO, ETC.
- LIASE WITH GOVT FOR SUBSIDY
- SEE POSSIBILITY OF LOCAL PRODUCTION
- MAKES THE AFTER SALES SERVICE

THANK YOU

MAHENDRA PRASAD KANDEL

FORNER PRESIDENT

NEPA AGRICULTURAL MACHINERY ENTREPRENEURS' ASSOCIATION

(NAMEA)