



# Development Action Planning (DAP)

## Module 2: Harvest to Table 36<sup>th</sup> IVTC

Name: *Ch.Suvd*

Country: *Mongolia*

1 December, 2017

# Country profile - Mongolia



#19

19th biggest

1,566,000 km<sup>2</sup>

## TEMPERATURES



May-October  
+10°C to +30°C



November-April  
0°C to -40°C



&



China

Russia

Bordered by 2 countries



↑ 1,580m ↓

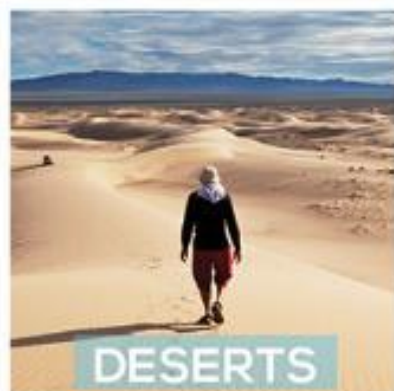
One of the world's  
highest countries :  
Average elevation of

1,580 m

# Country profile - Mongolia



Монгол



DESERTS



STEPPES



MOUNTAINS

LANDSCAPE



Land of the Eternal Blue Sky



Timezone  
UTC+08:00



National flag



Land of the horse

# Country profile - Mongolia



## HISTORY

### Genghis Khan is a national hero

In the 13th century he founded the Mongol Empire,  
the largest land empire in world history



Mongolian Empire by 1279



# Biodata – Ch.Suvd



- Name: Ch.Suvd
- Profession: Agronomist
- Organization: VEGI project
- Title: Vegetable specialist
- Project goal: contribute to improved livelihood for veg.growers through inclusive & sustainable growth of veg.sector.
- Period: 2016-2019 (2 year)
- Budget: 5 mln CHF

# Three topics in Module 2 most useful for me



- “Nutritional lenses” from seed to table
- Post harvest management to reduce loss & maintain nutritional value
- Practical activities and group works



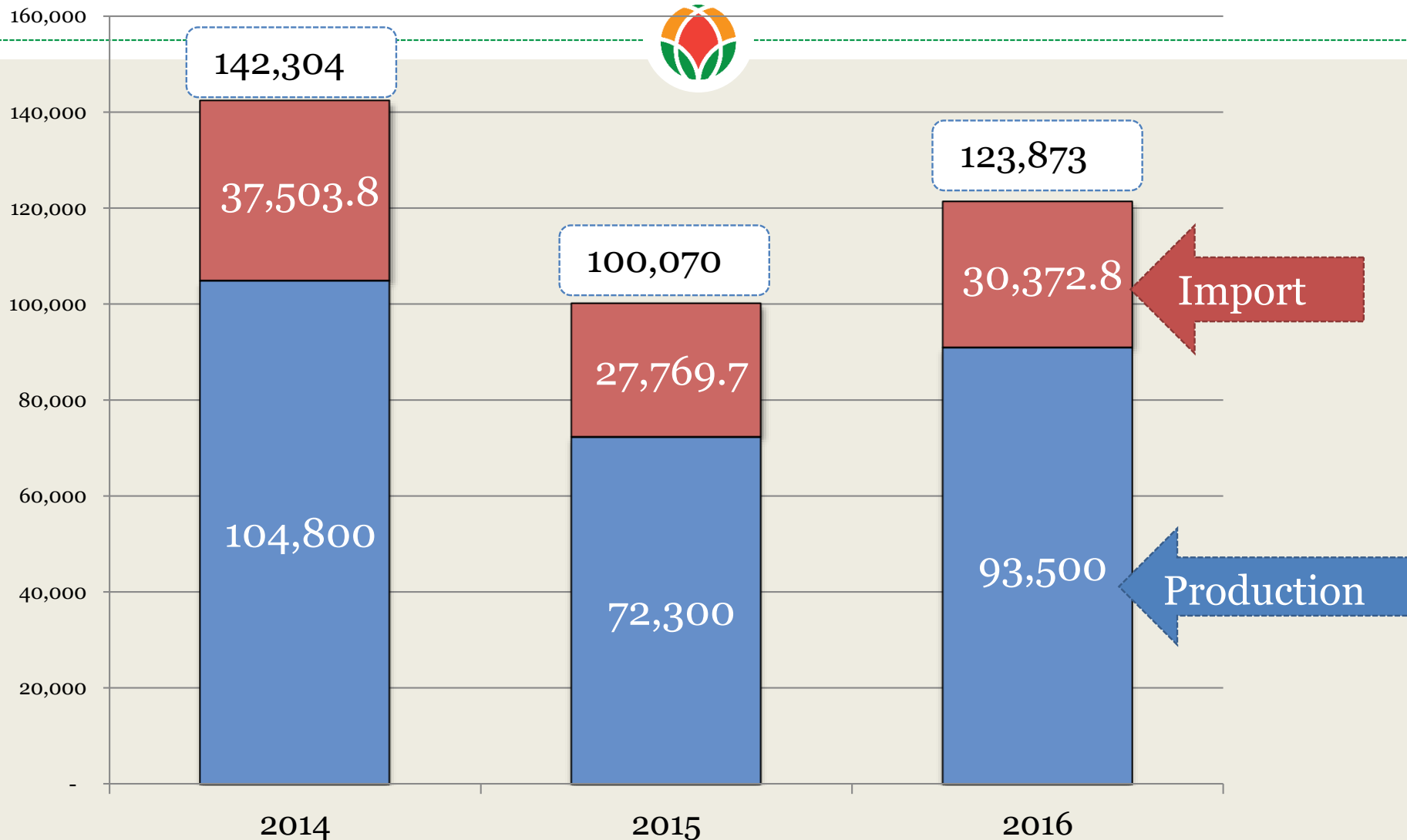








# Consumption (production+import)





## **PROBLEMS FACED VEGETABLE GROWERS**

**PRODUCTION**

**POST  
HARVEST/  
MARKETING**

**FINANCE**

# 1 | PRODUCTION



**LACK OF EQUIPMENT & MACHINERY (HIGH RENT)**



**LACK OF HUMAN RESOURCES**



**LACK OF SEED, SUPPLY & KNOWLEDGE**



**LACK OF MINERAL FERTILIZERS**



**IRRIGATION SYSTEM NOT DEVELOPED**



**TRAINING & WORKSHOPS ORGANIZED DURING BUSIEST TIME**





**LACK OF STORAGE** (HIGH INVESTMENT/COST)



**LACK OF DIRECT ACCESS TO MARKET** (LOCATION, CUSTOMER FRIENDLY)



**PRICE** (PRICES DICTATED BY MIDDLEMAN, WHOLESALERS)



**HIGH TRANSPORTATION COST** (LACK OF LABOR FORCE, REMOTENESS)



**NO ACCESS TO MARKET INFORMATION** (NOT UP TO DATE)



**LEGISLATIVE** (CHEAP IMPORTED VEGETABLES COME IN HARVEST TIME)



**HIGH INTEREST RATE** (1.9%-2.2% MONTHLY, 1-5 YEAR)

**HIGH COLLATERAL** (FARMLAND NOT ACCEPTED AS COLLATERAL, COLLATERAL AT LEAST 4 TIMES HIGHER THAN LOAN)

**GUARANTOR NEEDED** (SOMEBODY WITH NOT SUCH RISKY BUSINESS)

**BUREAUCRACY FOR LOAN** (AT LEAST 14 DAYS)

**INSECURE BUSINESS – LOAN PROVISION LOW** (PRONE TO NATURAL DISASTER, NO INSURANCE)

**REPAYMENT SCHEDULE NOT FLEXIBLE** (FIXED ACCORDING TO BANK DEFINED SCHEDULE)

**AUTUMN HIGH SEASON** (TUITION FEE, HARVEST EXPENCES, LOAN REPAYMENT)

# OUTCOME 1 : VEGETABLE PRODUCTION



- Variety testing
- Seed production & supply (Seed reserve fund)
- Testing & supply of pesticides
- Pilot extension center (3)
- Trainings & study tours
- Handbook & leaflets
- SSE, plastic greenhouses
- Cabbage & onion production
- Storage





# OUTCOME 2 : MARKETING



- Marketing cooperatives
- Mobile application (price communication)
- Public awareness (Web, FB)
- Marketing researches
- Direct link with markets, supermarkets chains
- Trainings





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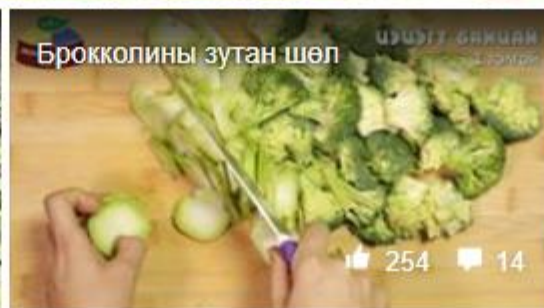
## Videos



Сургууль, цэцэрлэг



Загвар өрх



Брокколины зутан шөл

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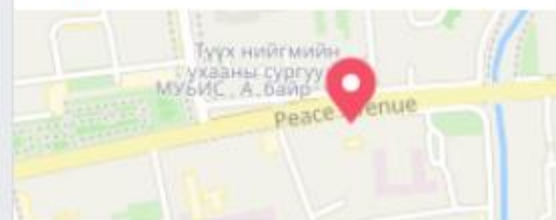
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or have checked in



## About



UBH Center  
Ulaanbaatar, Mongolia



+976 7000 8799



Typically replies within an hour  
[Send Message](#)



[www.mfard.mn](http://www.mfard.mn)



Non-Governmental Organization (NGO)



Opens tomorrow  
**Closed Now**

Chat (4)



# OUTCOME 3 & 4 : URBAN AND PERI-URBAN VEG.PRODUCTION & POLICY



- MODEL STREET
- RESOURCES POOR HHs
- SCHOOLS & KINDERGARDENS
- TRAININGS (PRODUCTION, COOKING, MARKETING)
  
- POLICY
- FFS
- STANDARDS

# Workplan 2018-2019

Activity	Partner
✓ Introduce new veg.crops (mungbean, veg. soybean, etc)	AVRDC Taiwan
✓ Testing of new varieties (East west seed LLC varieties)	ARIs
✓ Establish veg.seed company (under Elite seed LLC)	MFARD, Elite seed LLC
✓ Introduction of GAP (certification, standards)	RIPP, MSUA, SPIA, NCS
✓ Pesticides residues test kit (testing, development)	RIPP, MSUA, SPIA
✓ Trainings: <ul style="list-style-type: none"> <li>- Post harvest management</li> <li>- Nutritional value chain</li> </ul>	Nutritionists, nutraceuticals

# Workplan 2018-2019 (cont.)

Activity	Partner
<ul style="list-style-type: none"> <li>✓ Workshops for supply chain actors:               <ul style="list-style-type: none"> <li>- Post harvest management,</li> <li>- Packaging, eco-friendly packaging,</li> <li>- Food safety</li> </ul> </li> </ul>	MUST, Finpack
<ul style="list-style-type: none"> <li>✓ 3 pilot extension centers:               <ul style="list-style-type: none"> <li>- Develop development workplan for 2017-2019</li> <li>- Training for extension officers</li> <li>- Technical advice</li> </ul> </li> </ul>	NAEC, KOPIA, JA Hokkaido
<ul style="list-style-type: none"> <li>✓ Supply chain assessment for main veg.crops</li> </ul>	Research agencies
<ul style="list-style-type: none"> <li>✓ Public awareness diet, nutrition</li> </ul>	Media
<ul style="list-style-type: none"> <li>✓ Introduce data analytical tools in project monitoring</li> </ul>	M&E officer, SDC



# Challenges



- Present DAP at the annual planning workshop
- Convince project leaders, partners, beneficiaries
- Reflect in yearly operational plan for 2018

# BENEFICIARIES & PARTNERS



- Small scale vegetable growers
- HHs in urban & peri-urban area
- MoFALI
- City authority
- Local government
- ARIs
- Other relevant projects (ADB, EU, FAO, ..)



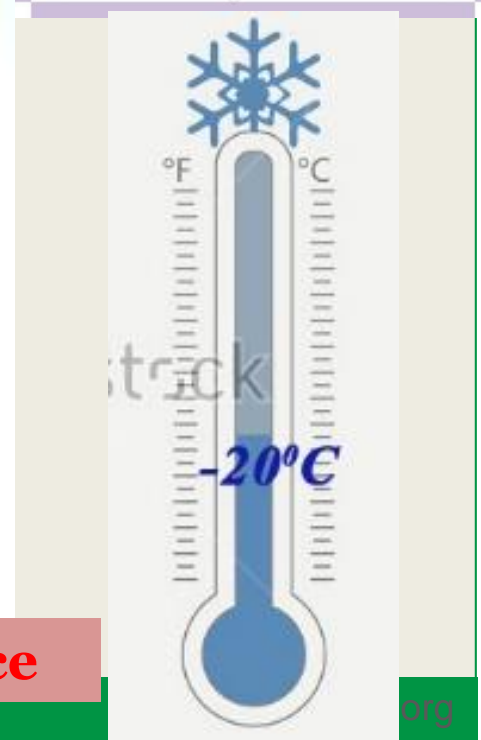
# You are welcome to visit Mongolia

*PS: Better in summer*









**Within 6 hours – 50°C difference**