



Establishment and Management of New Mega Dairy Farms in Developing Countries

TH/afimilk Project in Vietnam

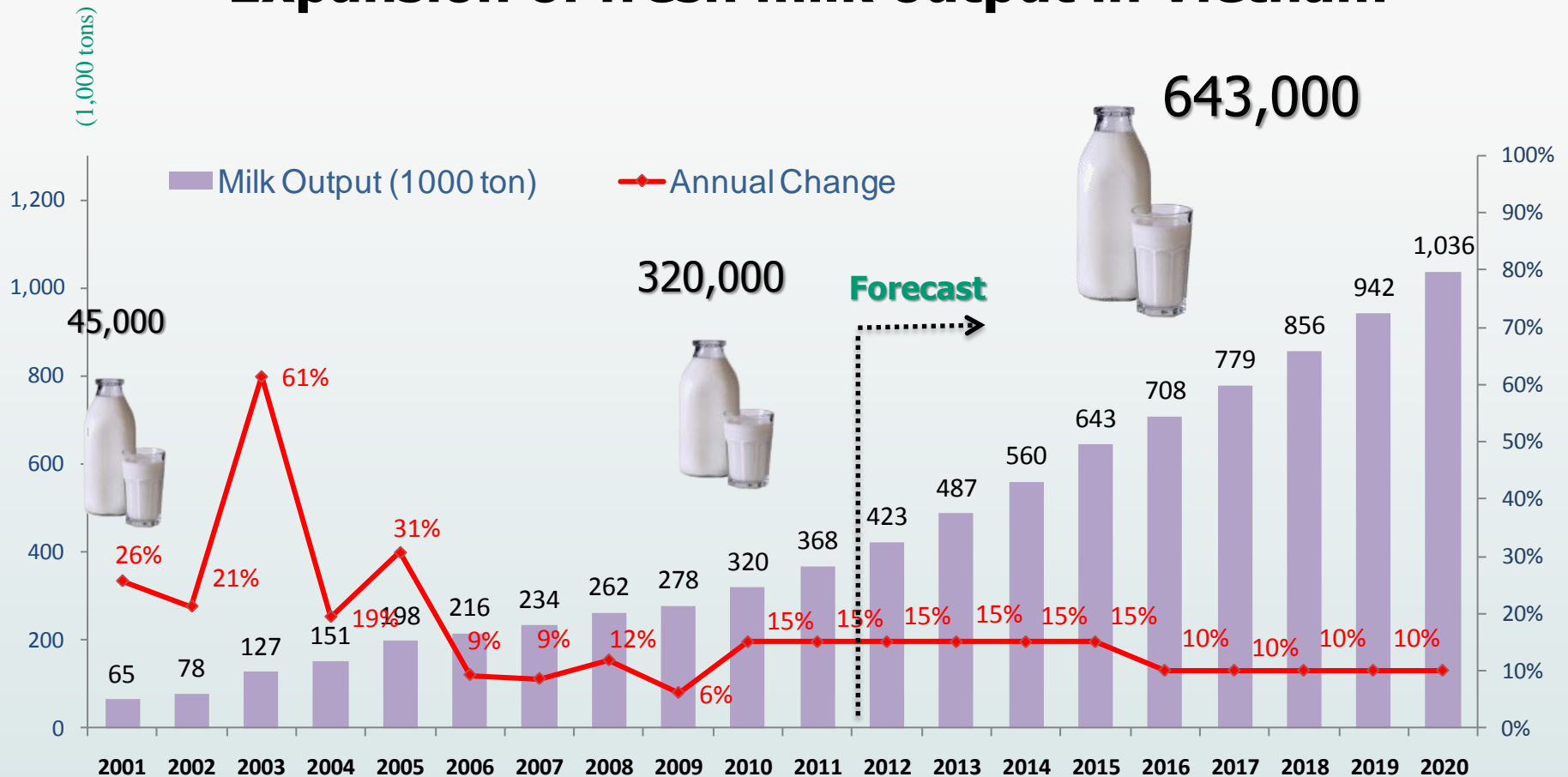


Israeli President Mr. Peres and Madam Huong, TH milk chairwoman



Vietnam Milk Market

Expansion of fresh milk output in Vietnam



Source: Department of livestock production-MARD, 2009

➤ **130,000 milking cows (July 2012)**

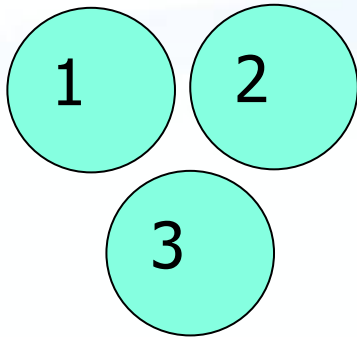
➤ **3000 liters of milk per cow per year – 4 liters per person per year**

TH/afimilk Project in Vietnam

12 farms - 30,000 milking cows

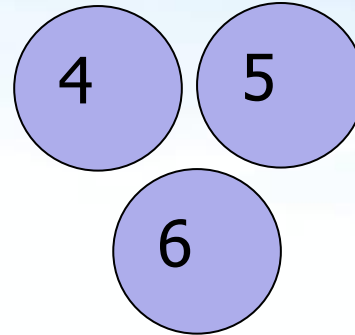
CLUSTER 1

Logistic Center



CLUSTER 2

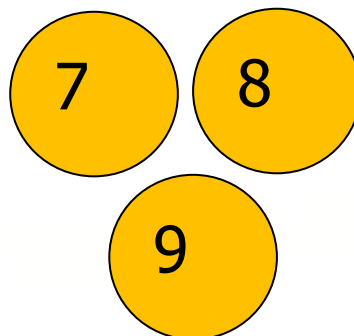
Logistic Center →



- **Feed Center**
- **Water treatment plant**
- **Waste-water recycling**
- **Compost plant**
- **Laboratories**

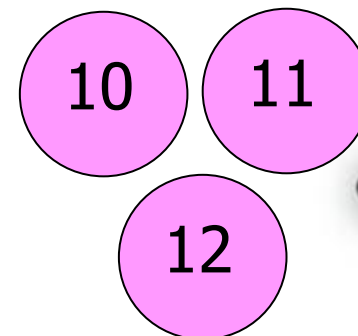
CLUSTER 3

Logistic Center



CLUSTER 4

Logistic Center



Livestock Selection & Importation



20,000 heifers from NZ
10,000 heifers from Canada



Field Crops operation & Modern Feed Center

Field crops land 120,000 km²
(3-4 km²/cow)



- 2012 expected yield:**
- 15,000 tons of maize
 - 25,000 tons of Mombasa
 - 10,000 tons of hay

Knowledge Transfer

On-site training of local workers (till now: 600 trainees)

Using courses and assimilation of working routines:

- Operational aspects of the Farm as daily management
- Education and habituation for biosecurity
- Veterinary education and assimilation of vet routines
- Field Crops planning and operation
- Feed Center procedures
- Milking procedures
- Insemination technique
- Nursery routines
- Replacement heifers rearing



Part of the veterinary challenges were:

- No records of threats to animals - extensive vaccination protocol
- No medicines and vaccines available - certify and import medicines and vaccines from Europe especially for the farms
- No suitable lab available - assisted by Israeli vet services, constructing diagnostic lab on-site
- About 7 month of Heat stress every year - intensive use of cooling systems
- About 1 month of sea voyage and "Shipping Fever" - prophylactic antibiotics in heifers feed
- Out of 1100 heifers only 400 infected with FMD - biosecurity with vaccination



Arrived till now:

13 shipments 15,602 heifers

Present herd:

8,126 milking cows

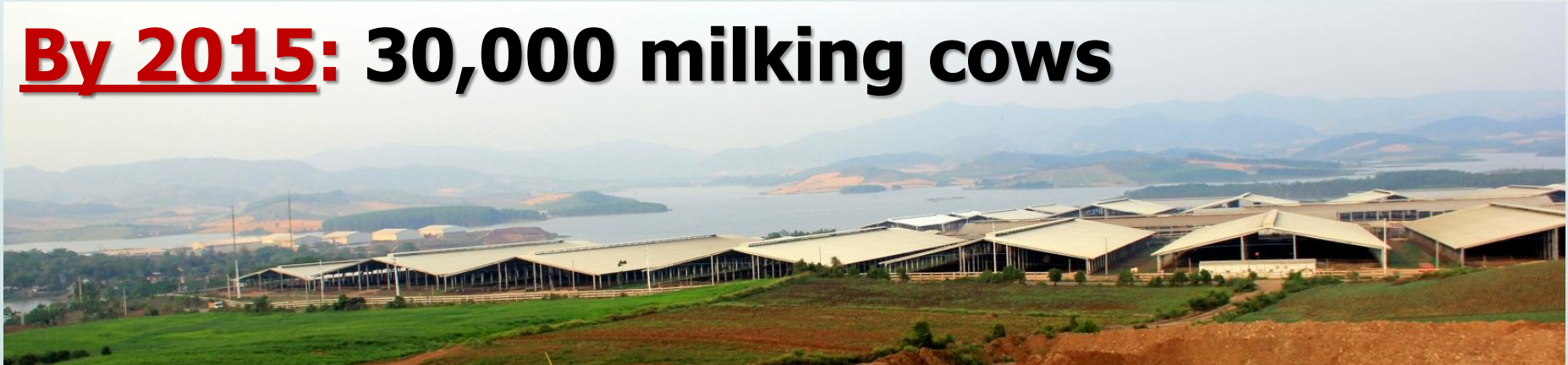
1,488 dry cows

12,057 heifers

21,671 heads total herd



By 2015: 30,000 milking cows





Thank You for Your Attention



afimilk[®]
The Heart of the Dairy Farm