

Urban and peri-urban milk development in Greater Cairo (Egypt) : What future for the traditional milk sector?

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Few elements of history

Milk and milk products in Egypt: an antic & ancestral culture

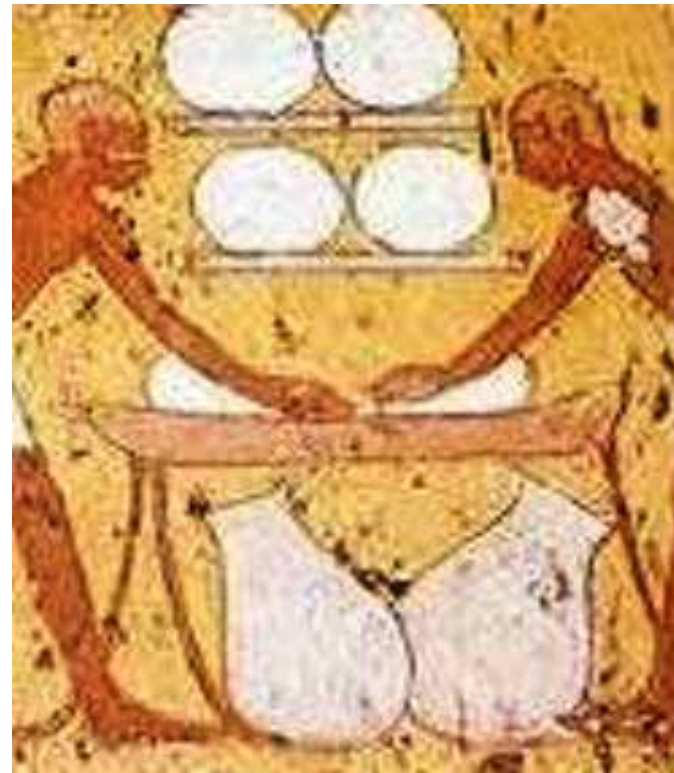
Milking representation in Egyptian tombs



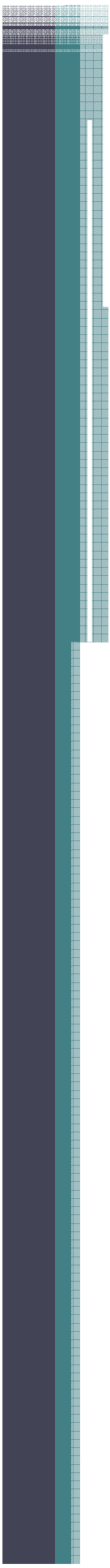


First manufacture of cheese, 2000 BC

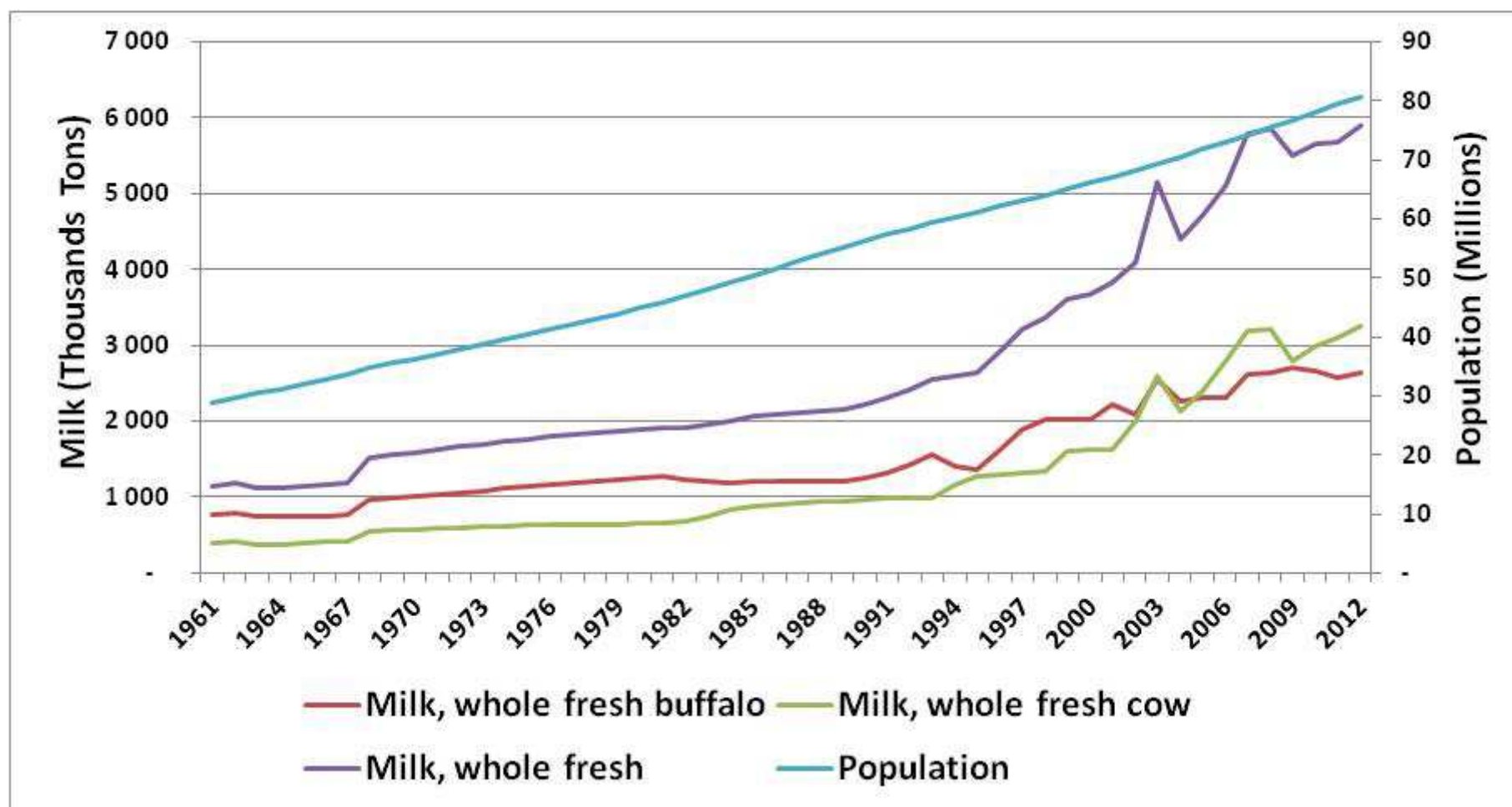
Paintings from the tomb of Ipy (Thèbes, Egypt)



very sour and salty to preserve the cheese in the hot, arid climate
(similar to a cottage cheese or feta in texture)



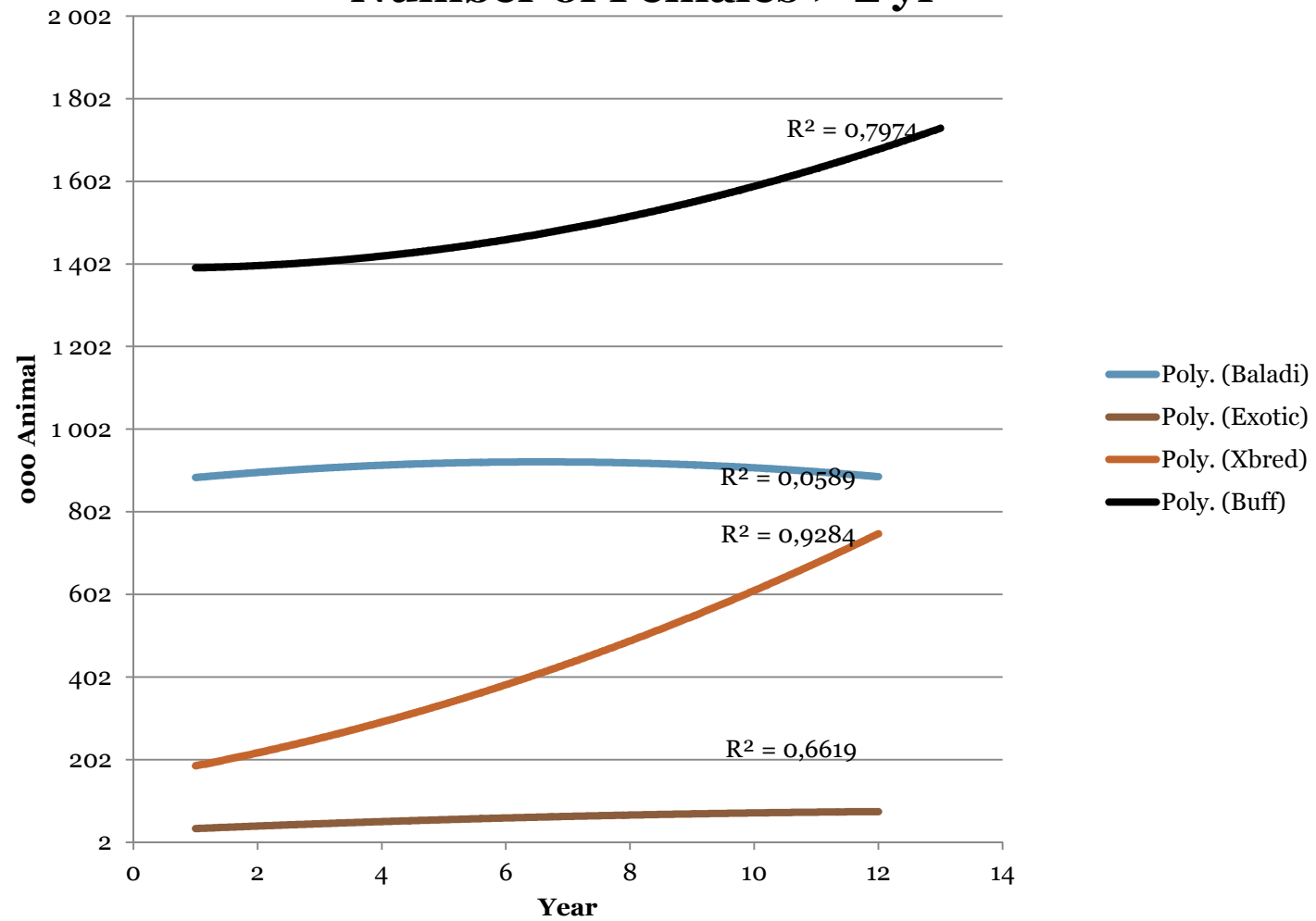
Recent development of the milk sector in Egypt



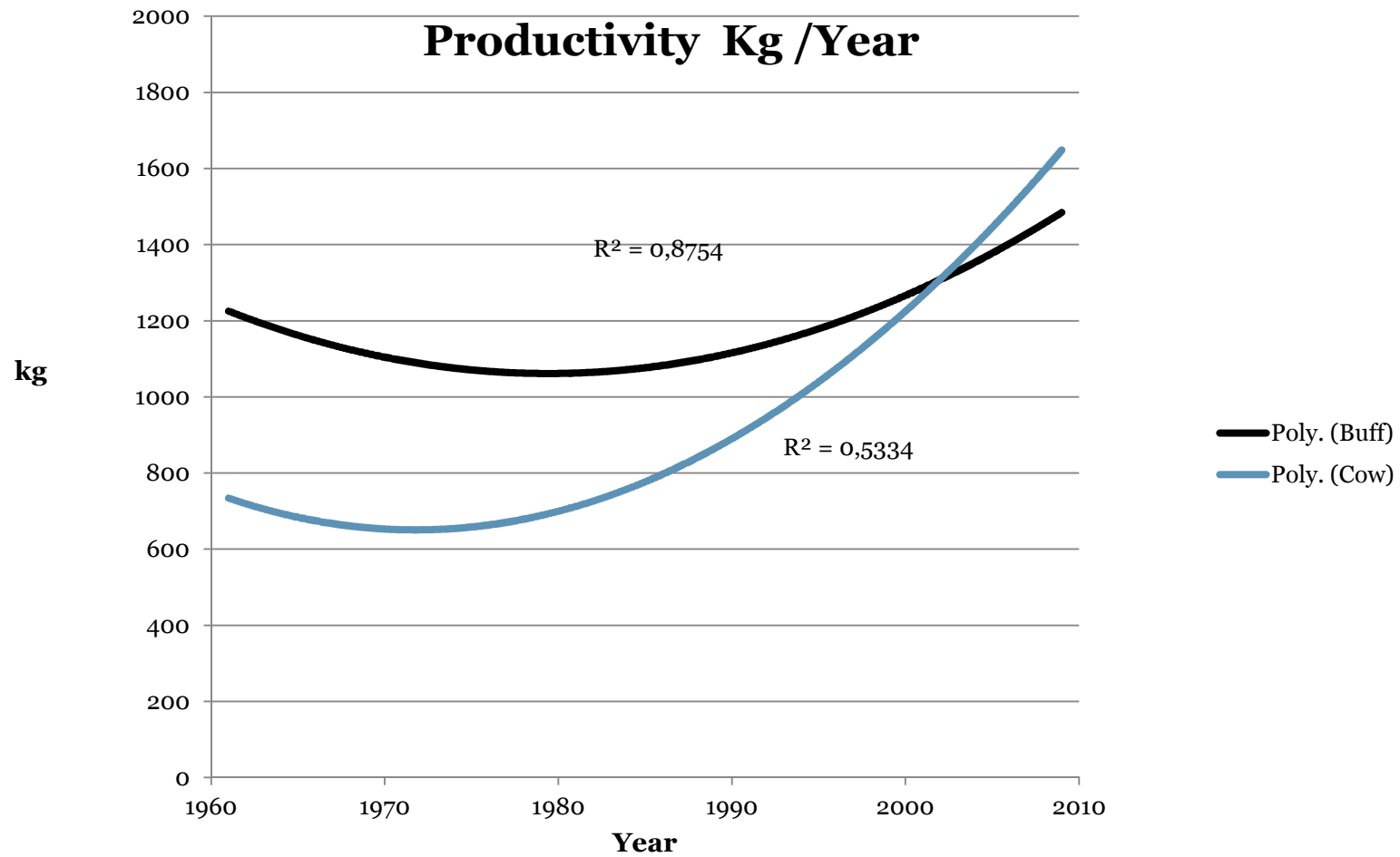
Buffalo and cow milk production and population growth over the period 1961-2012 (FAOSTAT, 2014)

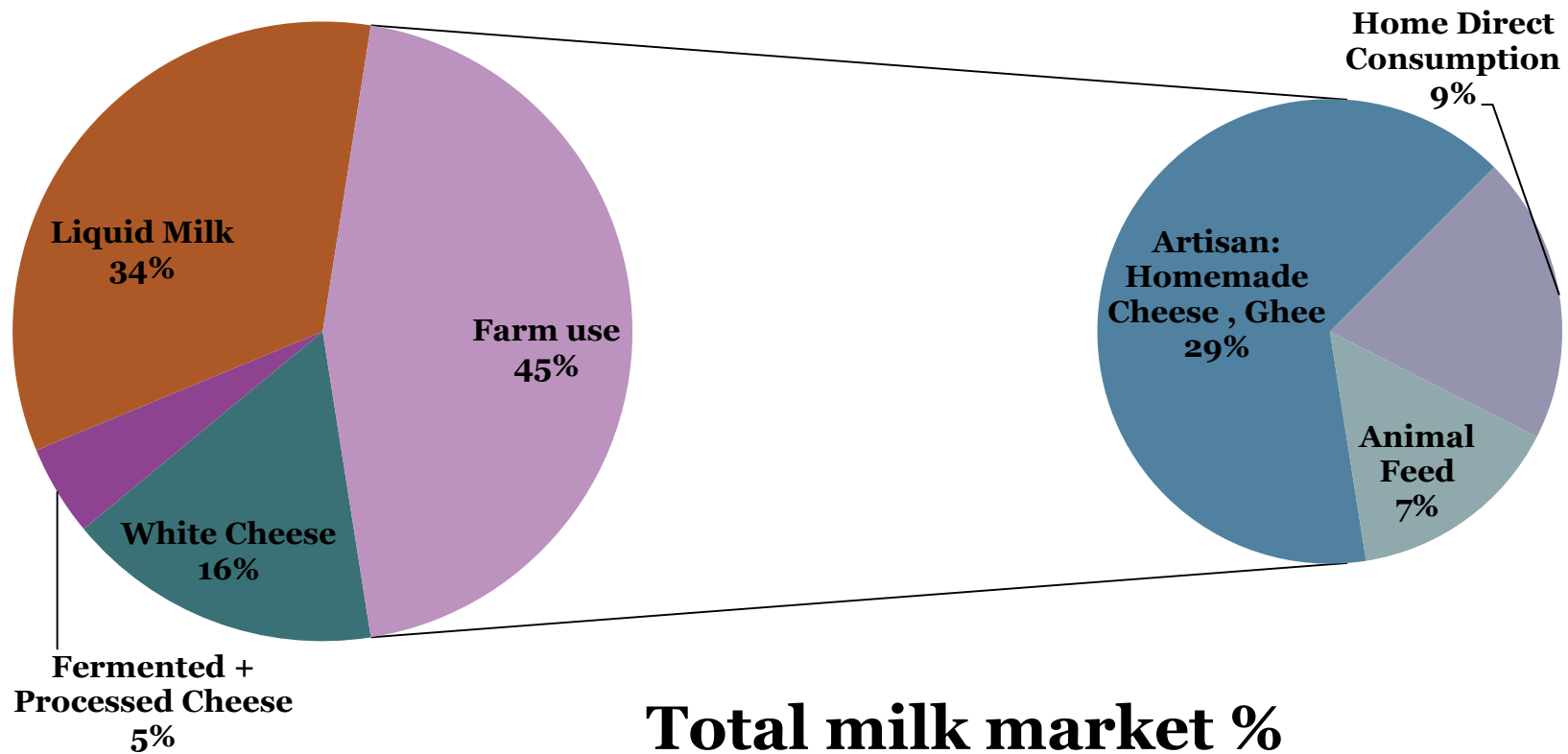
NATIONAL LACTATING
HERD

Number of Females > 2 yr



PRODUCTIVITY





**Total milk market %
(National data, 2011 - Tetrapack)**

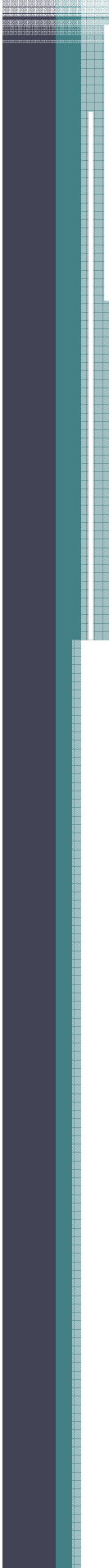
CONCLUSION

- ❑ Production of milk from both buffaloes and cows and their productivity are increasing, the latter at a rate higher than the increase rate of the human population, hence leading to increased per capita share of milk.
- ❑ The increase in productivity is mainly coming from the **higher production of exotic cattle** and their crosses.
- ❑ Among all milk products including liquid milk, **soft white cheese is the most prominent milk** product Egyptians consume
- ❑ The composition of the cattle population is tilting towards exotic genes at the expense of Baladi cattle. This should be a matter of concern in order to regulate the generation and use of crossbreds and limit the indiscriminate crossing.



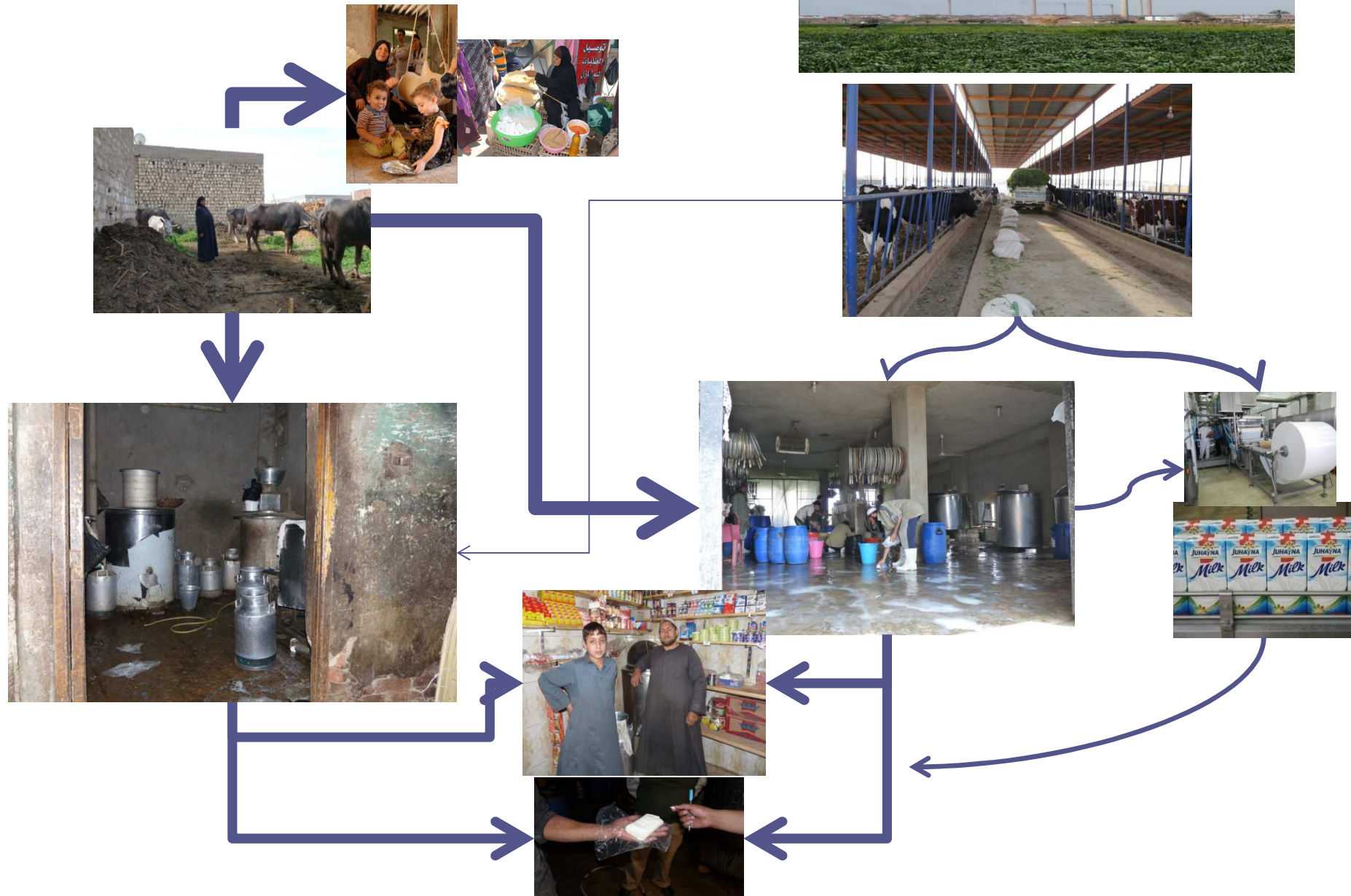
Urban and peri urban milk development

The importance of traditional sector
in Cairo



Urban vs peri urban dairy farm system





Dairy shops : key elements

Sale around 5 milk products (including fresh milk)

Local knowledge

Quantity of sold milk (milk & milk products) is 1.7 more important during Ramadan



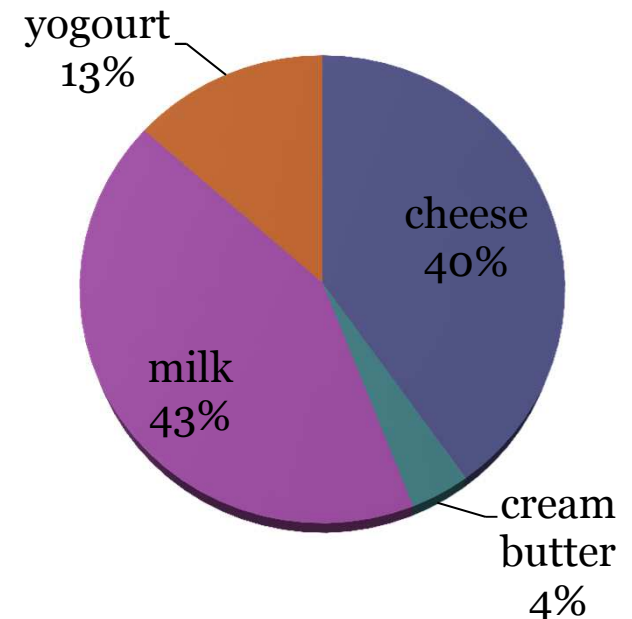
61% of suppliers (traders, MCC) are relatives

Social network

Milk shops

Business

866 tons of milk per day Circulated in Greater Cairo



Success and limit of this model...

- a high attractiveness of this business mainly based on family social networks → guarantee of quality and supply
- this traditional sector connects thousands of small dairy farms at the urban demand → a social-added value chain in terms of employment, distribution of income, and the opportunities
- **BUT**: the huge campaign of the modern sector supported by Egyptian authorities to promote the consumption of packaged milk
- **HOWEVER**: This sector benefit of the special status of buffalo milk in Egypt

Thank you

