

# Work duration and work organization in dairy farms

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- Work organisation in livestock systems
- Variability of work durations in dairy farms
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# Introduction

- Changes affecting:
  - dairy farms
  - workforce
- Farm competitiveness: work productivity and work organization
- What are the factors affecting work organization and work duration in dairy farms?

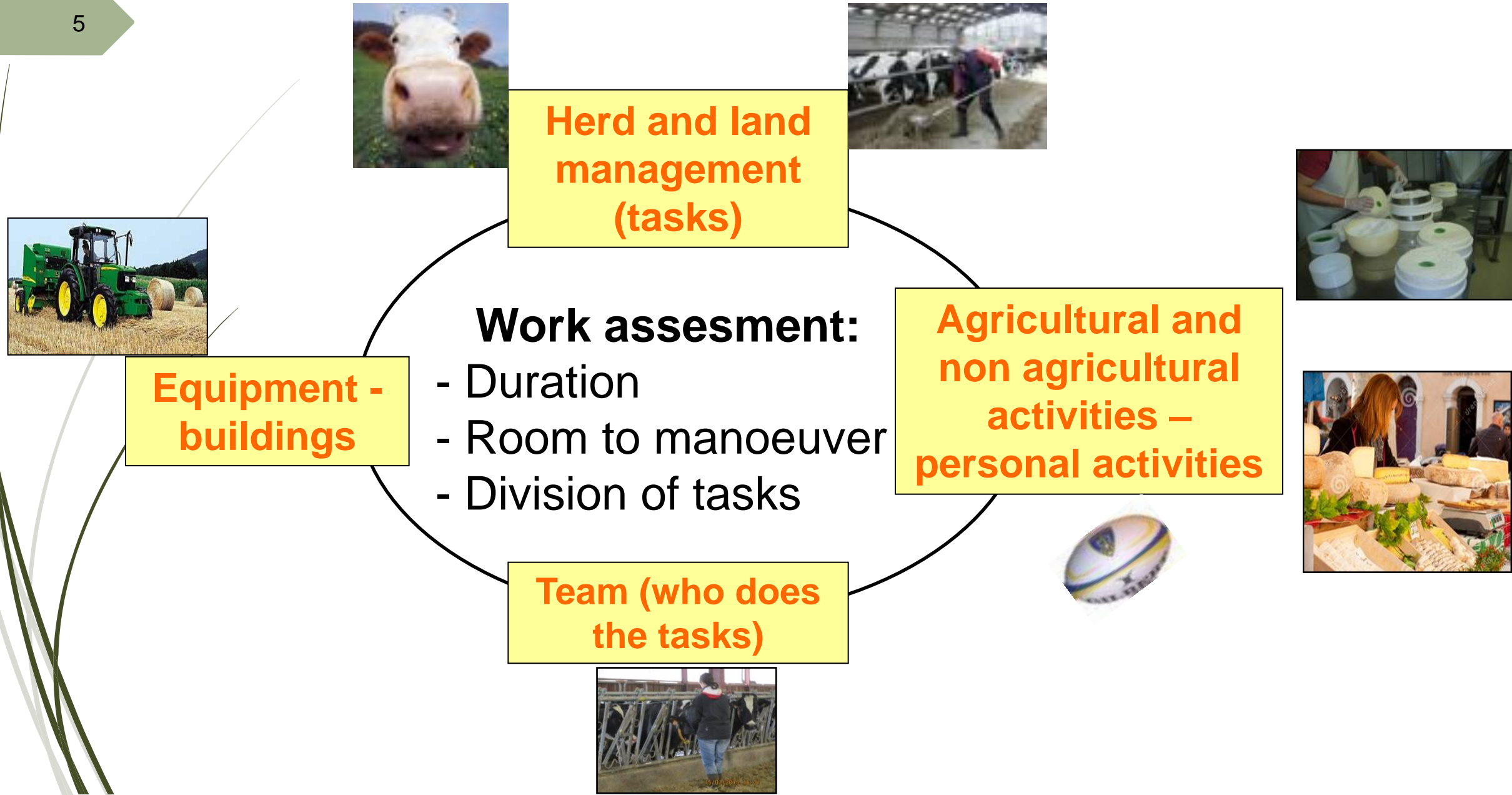
# Part 1:

## Work organization in dairy farms

### Approach

# Work organisation in livestock systems

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# Work assessment method

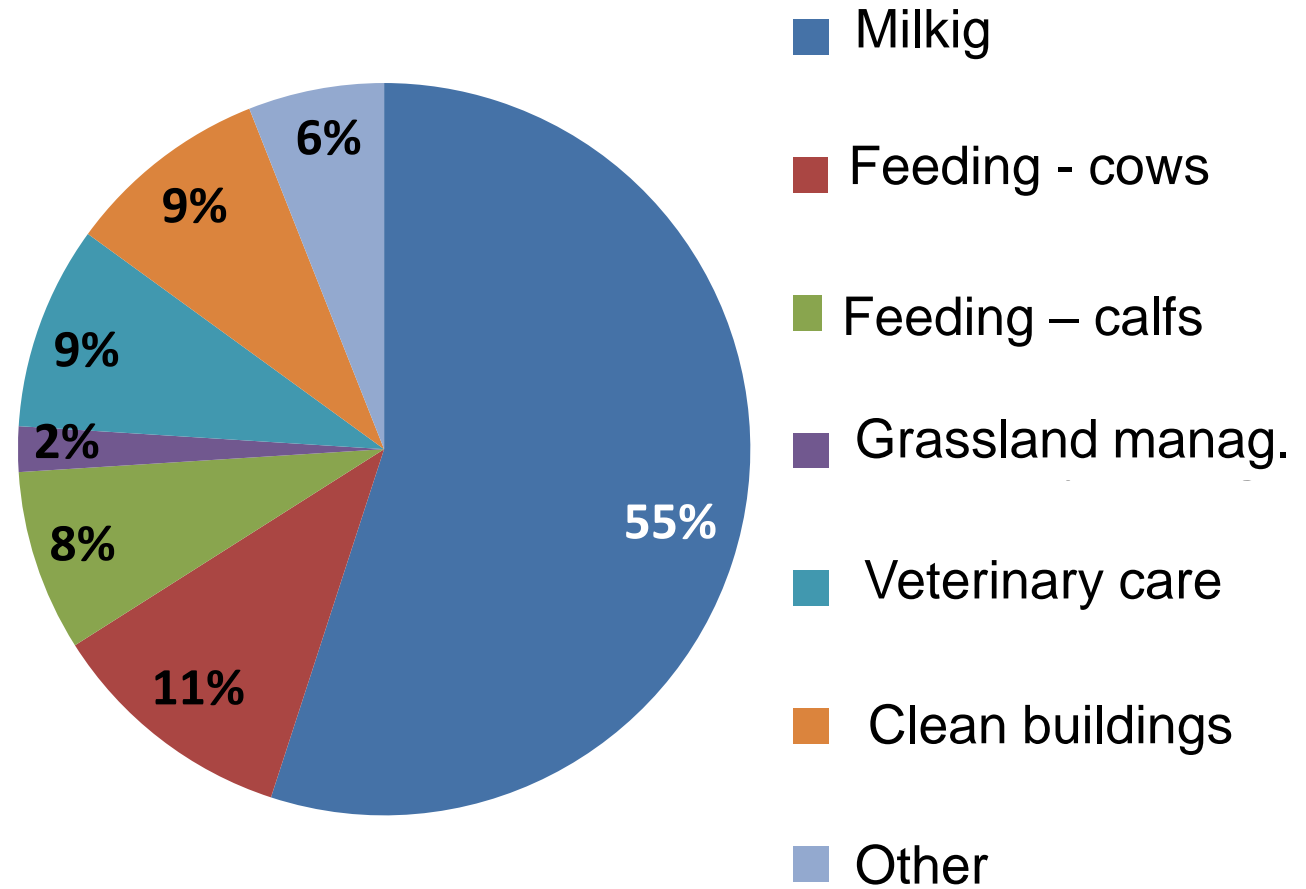
- Different rhythms of tasks:
  - Routine work: milking, feeding...
  - Seasonal work: haymaking, crops harvesting...
- Workers are not equivalent:
  - Basic group: farmers
  - Outside of the basic group: employees, retired parents

## **Part 2:**

# **Variability of work durations in dairy farms**

# Routine work in French dairy farms

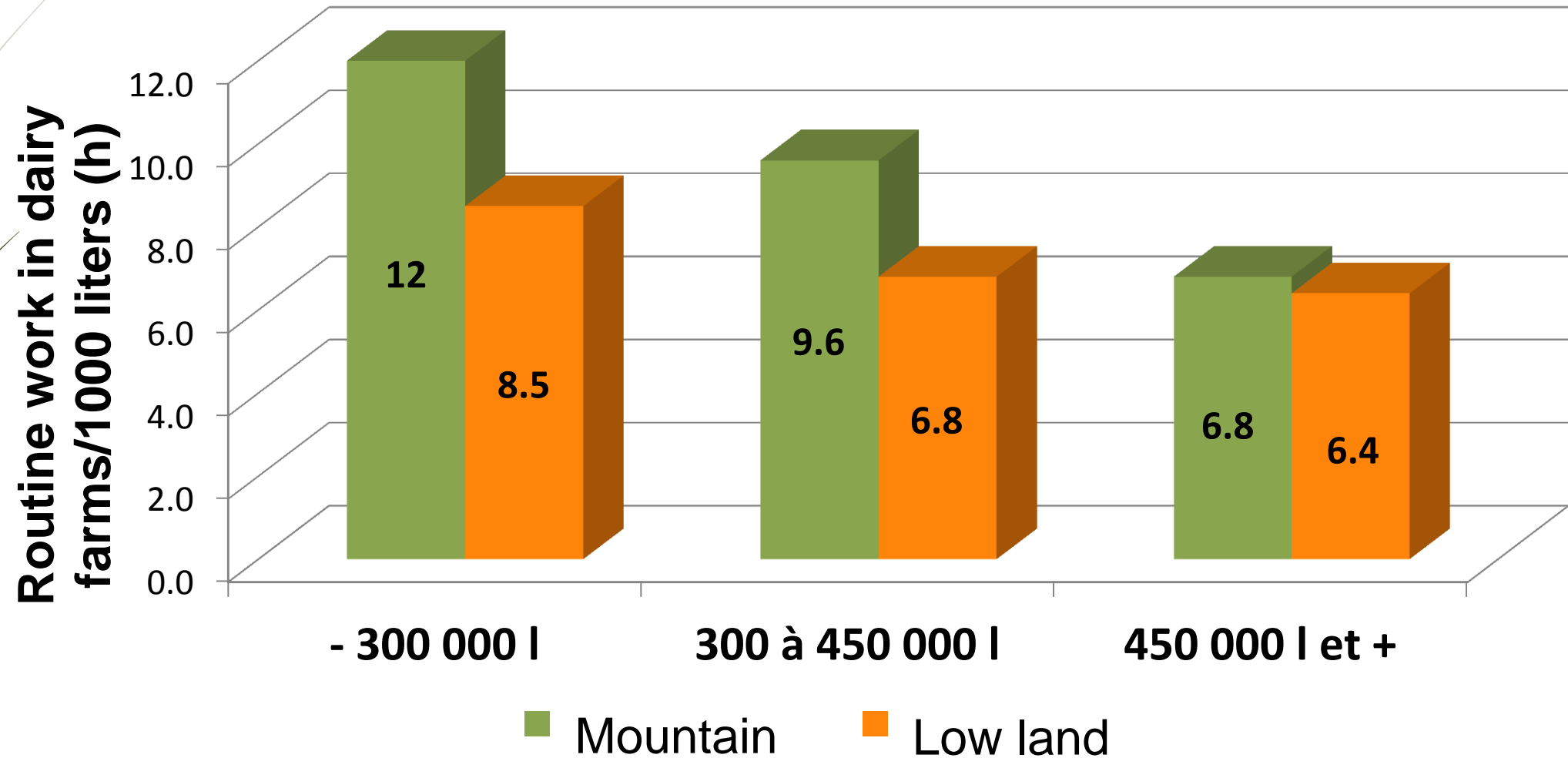
- 190 dairy farms
- Routine work = 3,060h/farm/year
- Variability = 1,750 to 5,030h/farm/year





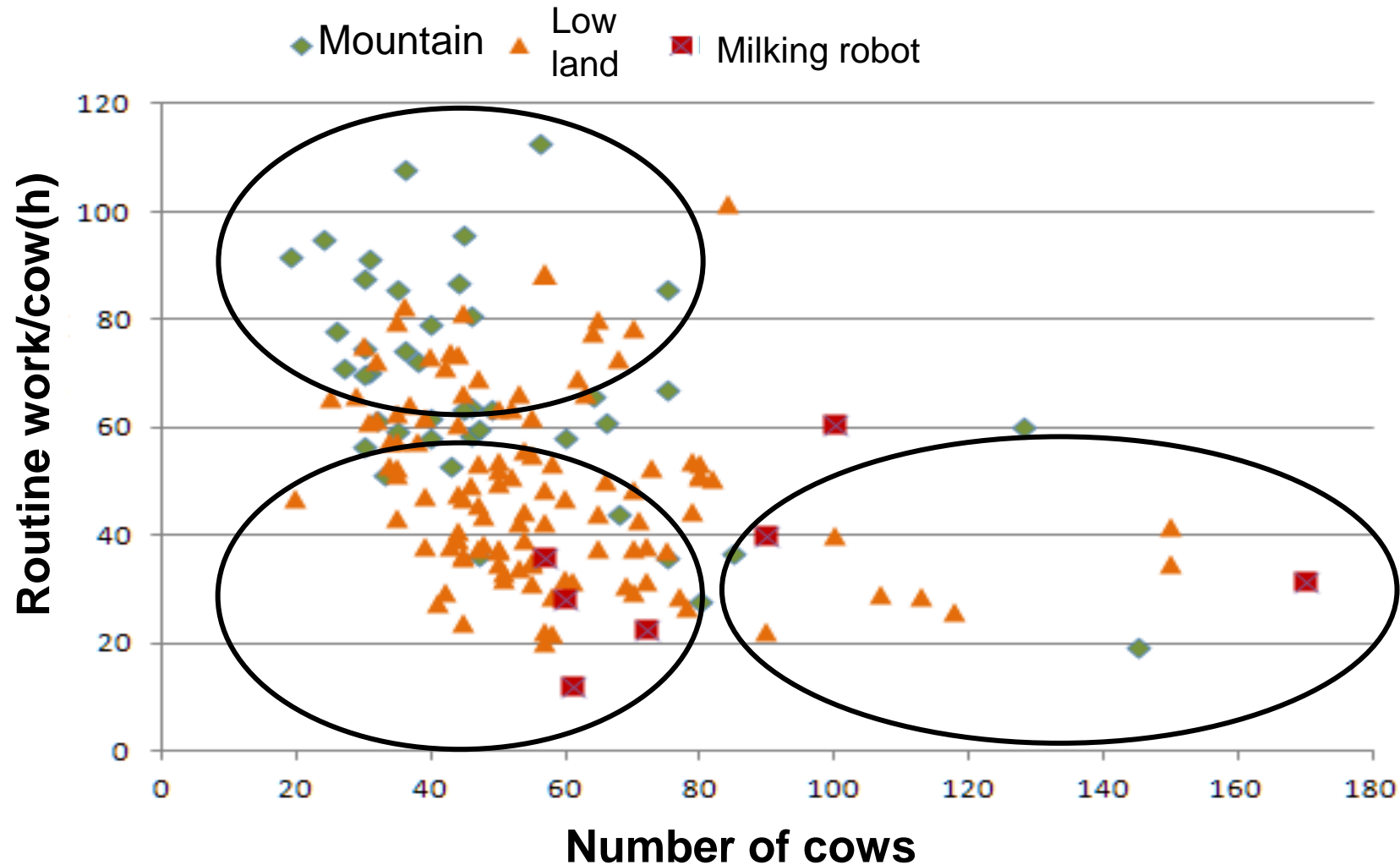
# Effect of the farm size and farm localization on routine work

9

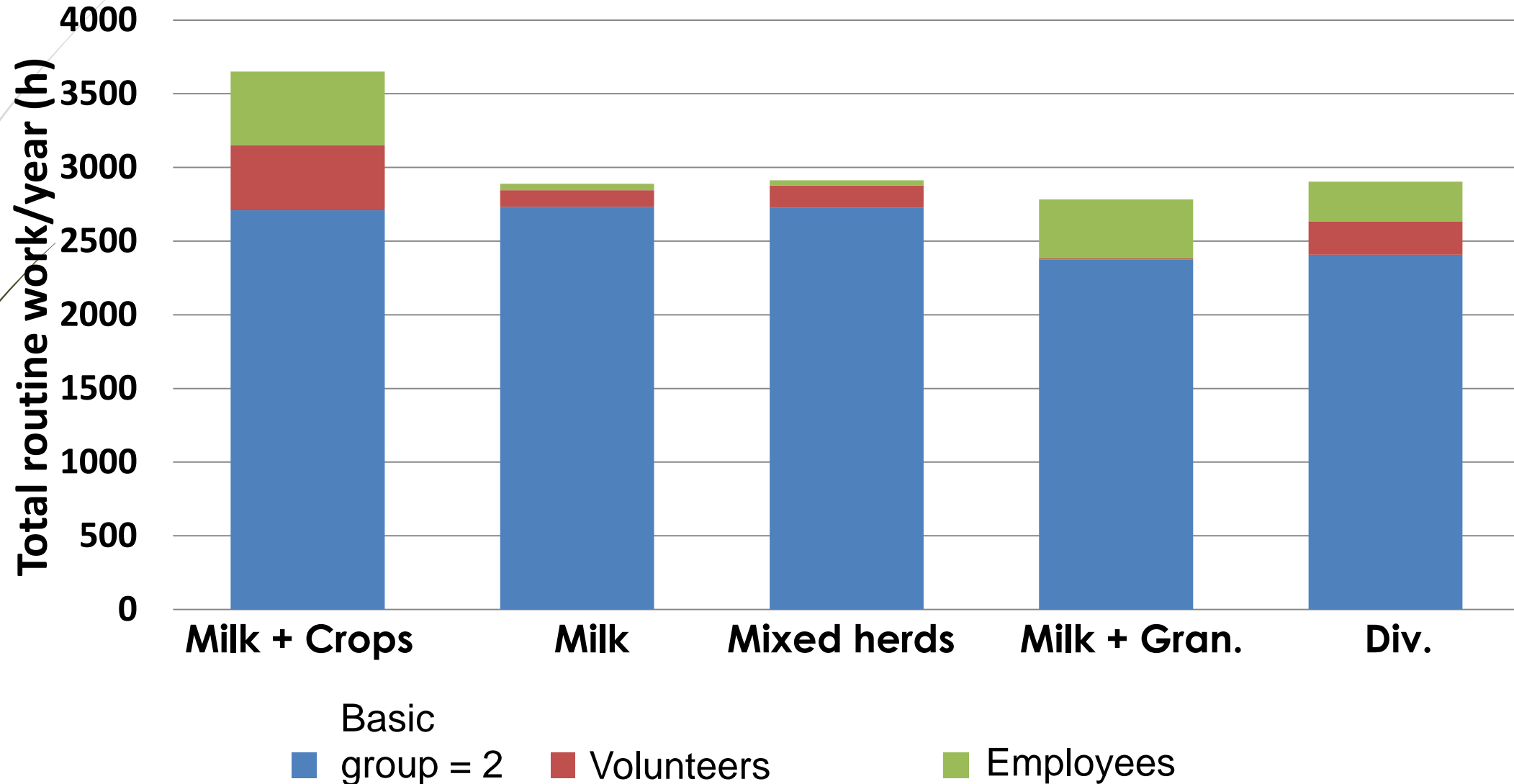


# Effect of the herd size and equipment on routine work

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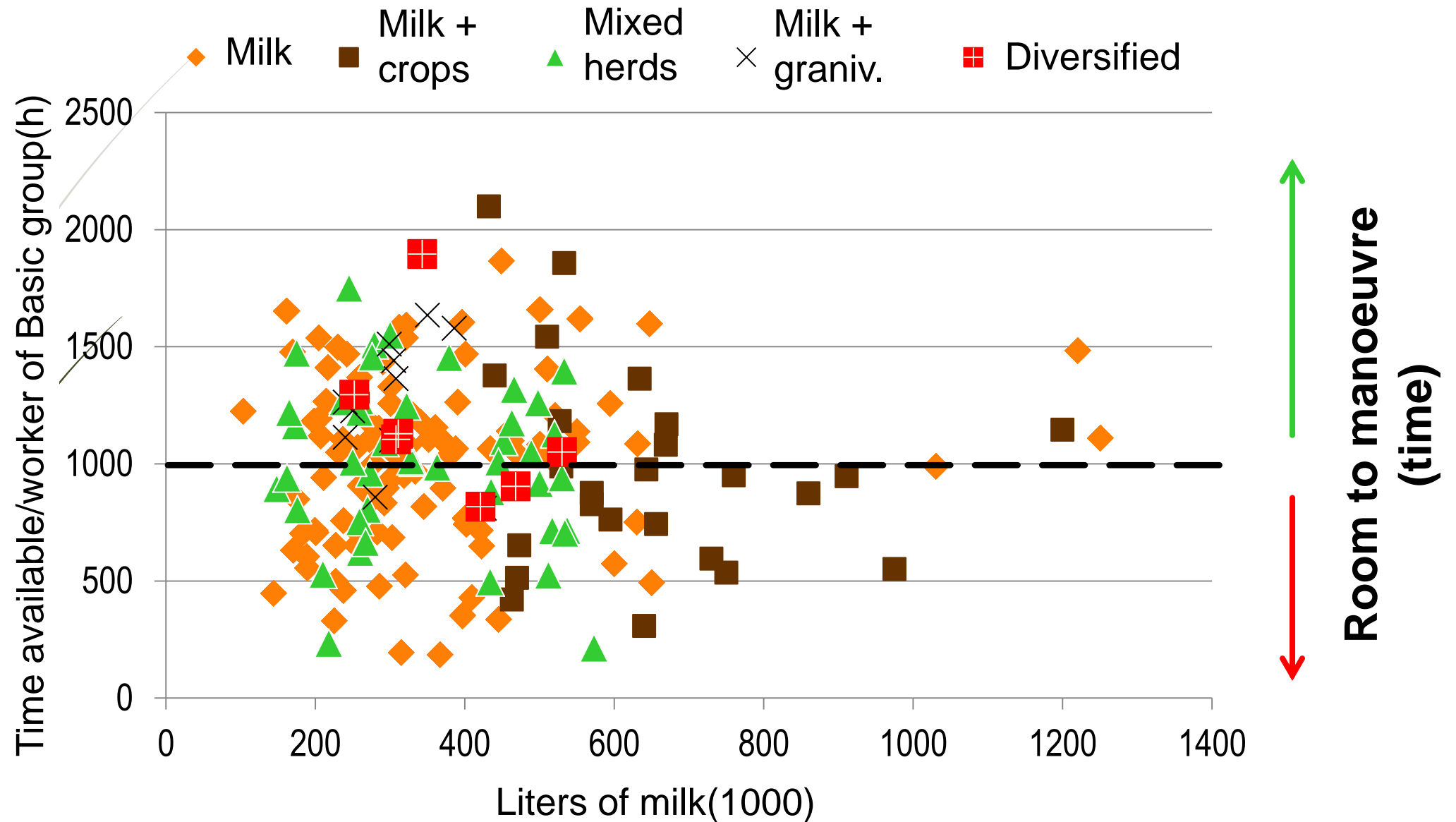


# Effect of the type of farm on routine work

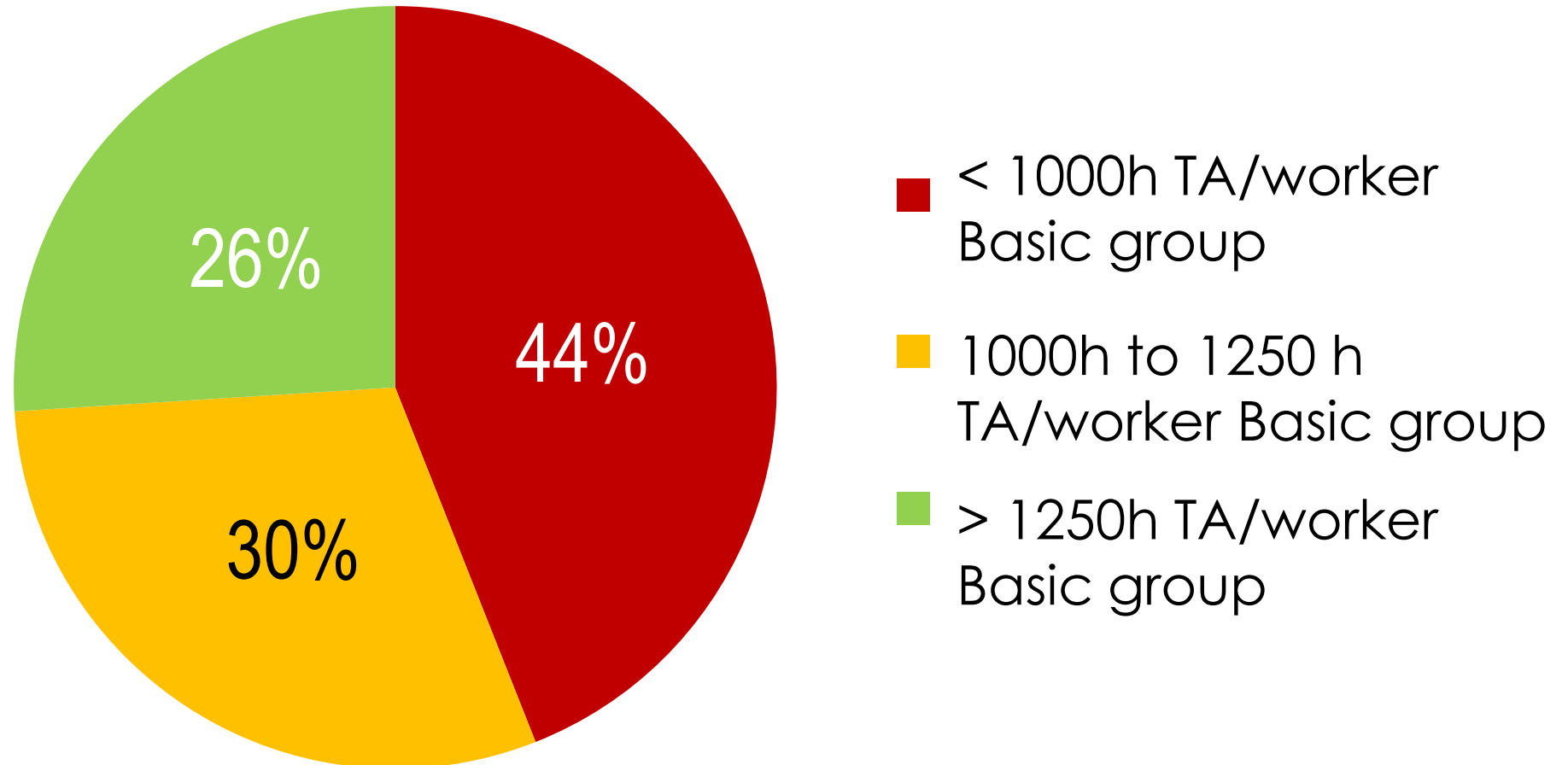


# Room to manoeuvre in farms

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# Room to manoeuvre in farms

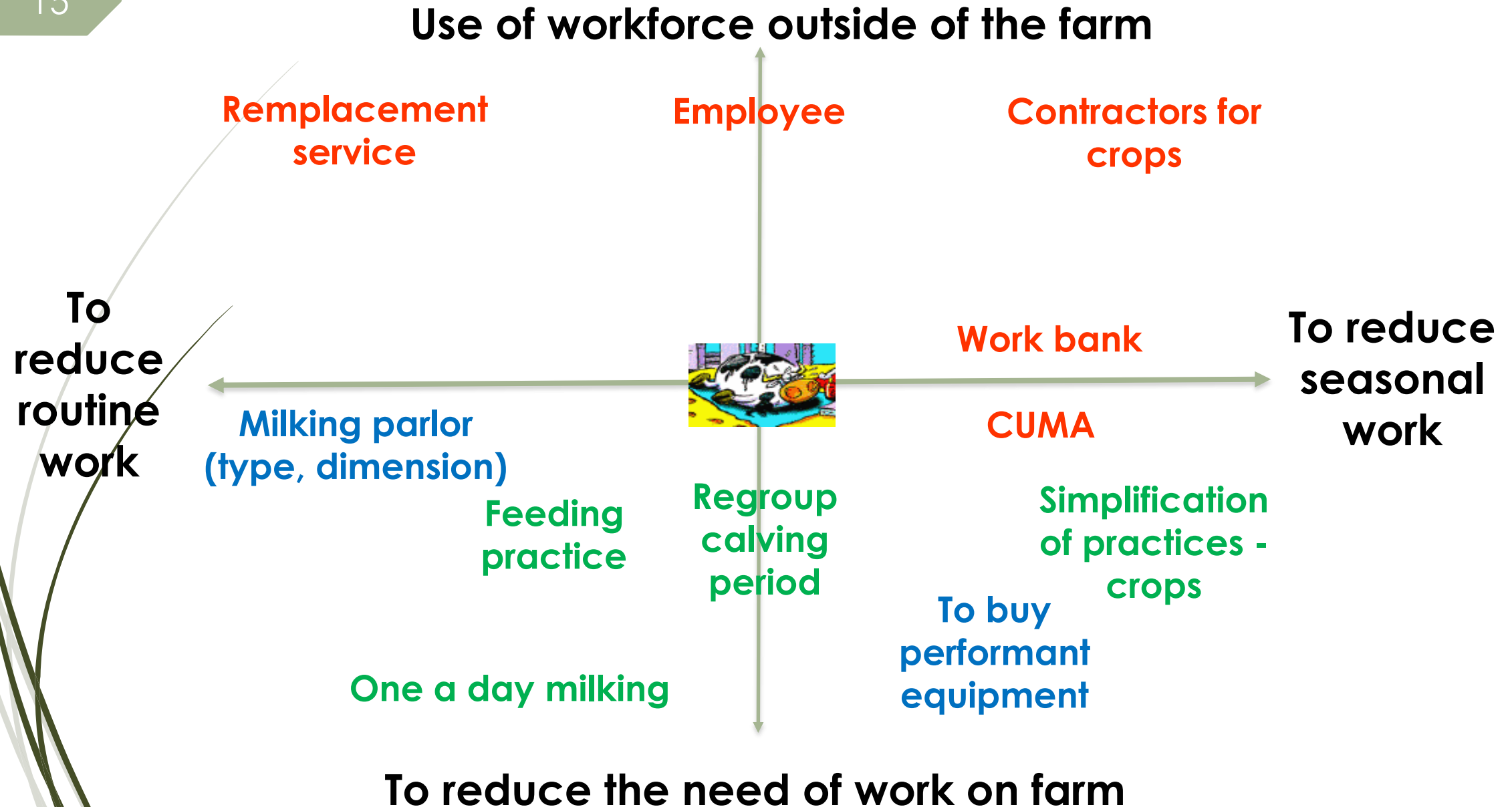


# Farmers' work expectation



# Farmers' levers to manage workload

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# Changes of practices in dairy farms

- Simplified practices: - workload
- Agro-ecological practices: + or – workload
- Precision livestock



# Precision Livestock Farming : consequences on work duration in dairy farms

- Time saving due to automation
  - milking robots: - 30% in working hours
  - feed distribution: - 50% in working hours
- Different uses of time saving by farmers:
  - reinvested in production-related tasks
  - farm management
  - personal activities
- More flexibility in farmers' labor than an overall decrease in labor

# Conclusion

- Factors affecting work organisation
- To help livestock farmers making reasoned changes
- To assess the impacts of innovations on their work

# Thank you for your attention!

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