

# Topics discussed during the group session

## Monitoring and control- problems

- How to map leaks in membranes- flux, conductivity
- Small leaks
- Residues in permeate
- Undesirable reactions
- How to secure microbial safety
- Quality of products and bacteriophages

# Topics (continued)

## Monitoring technologies

Correlation/variation of:

- Chemical parameters
- Microbiology (Backmon and CFU)
- Microbiology (live/dead cells, staining)

Cheap versus specificity- online

UV light- documentation of efficiency

# Topics (continued)

## Legal aspects of water reuse

- how much weight can we put on practical experience and documented results on reuse in dairies? Can University partners assess data if made available by e.g. Arla
- Belgian regulation- can parts of it be applied in Denmark. What is the basis of the control values (chemistry and microbiology)
- Can microbial growth be assessed on a dairy process stream (feed, permeate, retentate) which give a worst case estimate?