




**FOOD  
MICRO  
SYSTEMS**

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Coordinator **ACTIA**

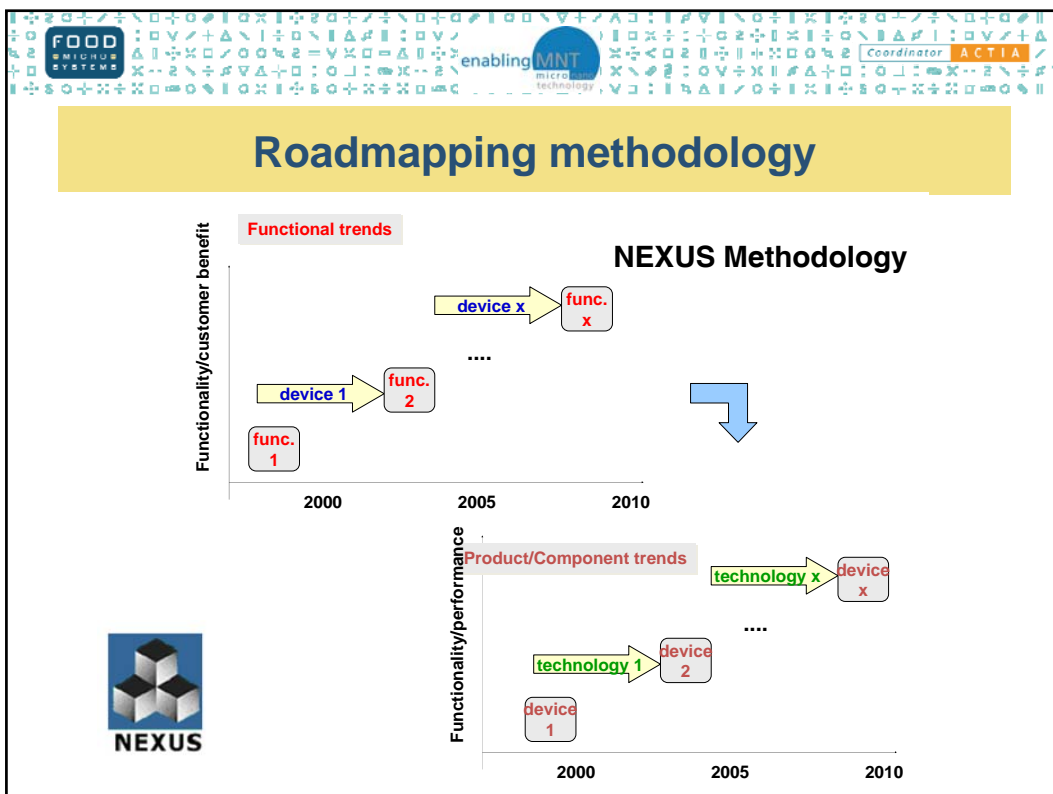
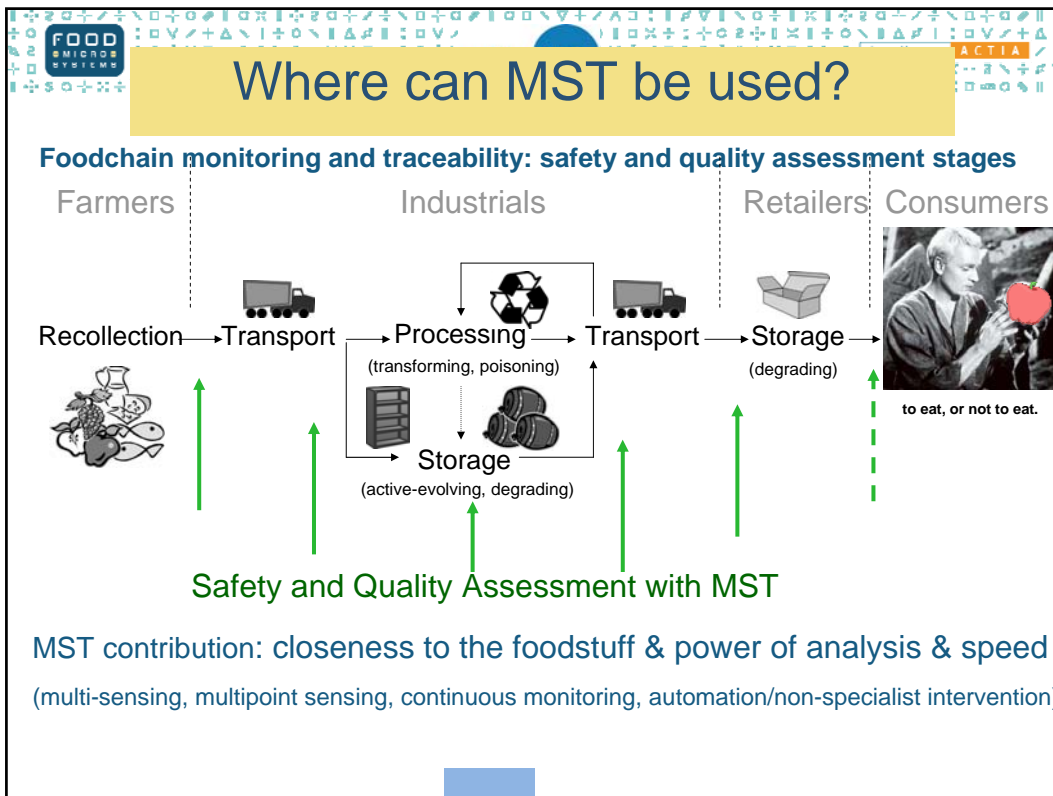
# Food Processing – a New and Relevant Application Area for Smart Systems Integration!?

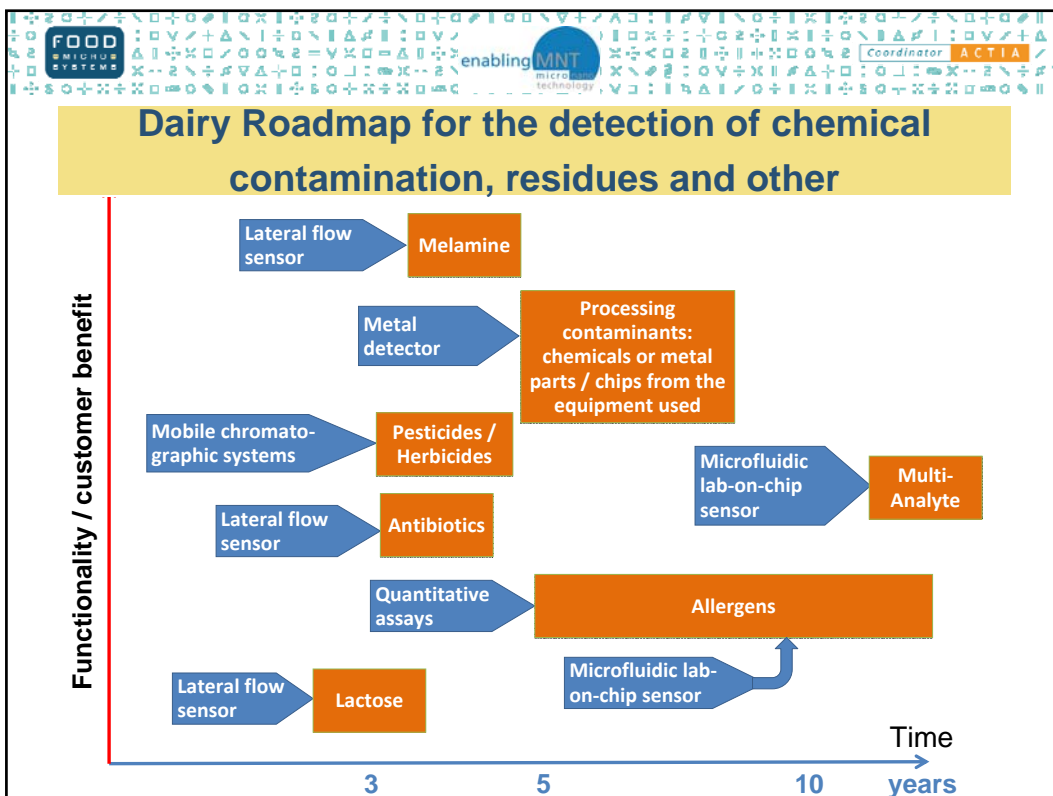
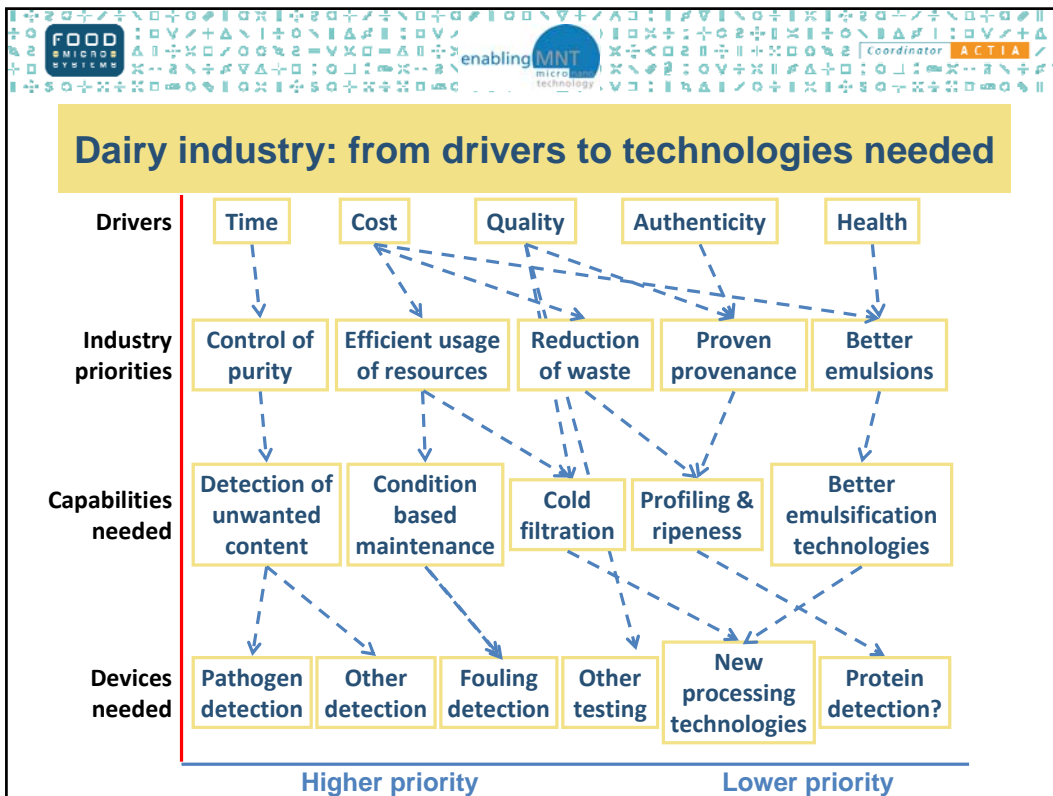
## MNBS / EPoSS 2013 – Cork EPoSS Working Group Key Technologies

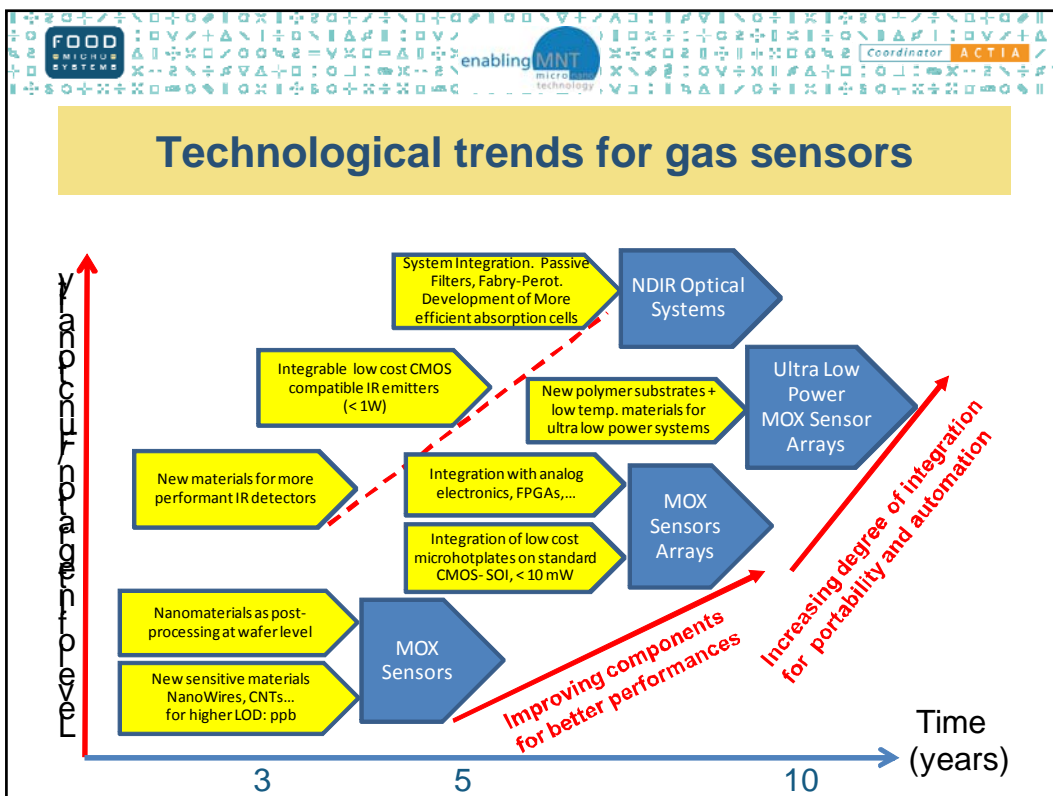
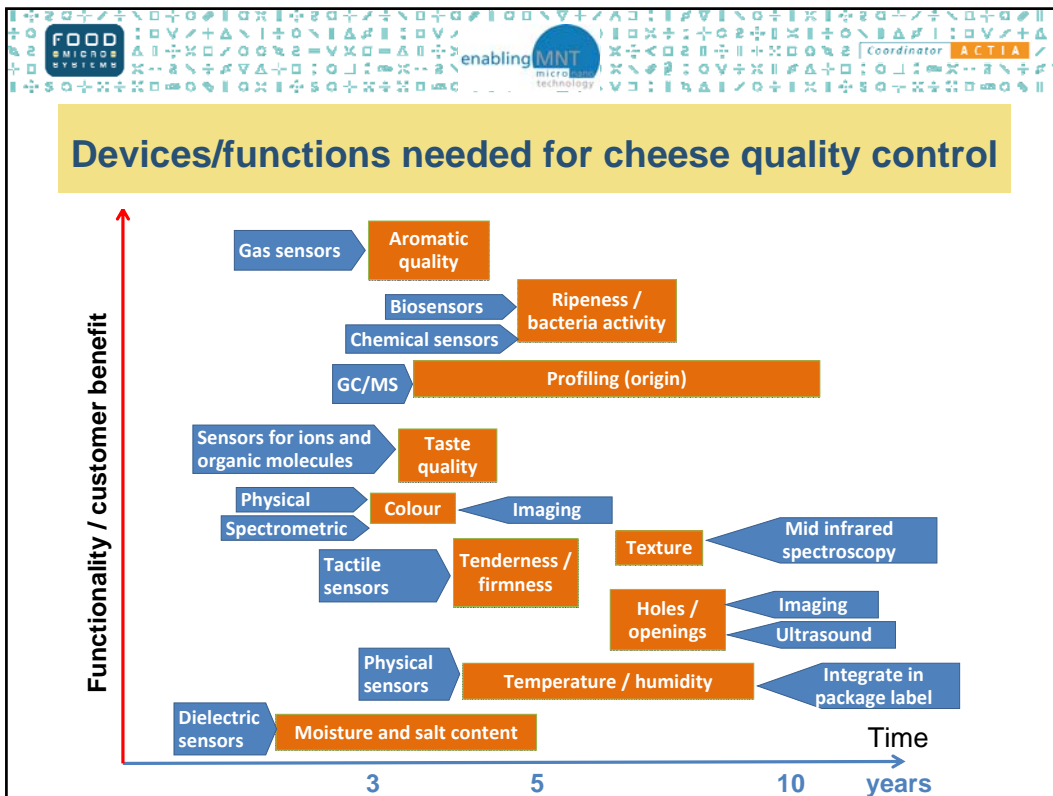
**Patric Salomon**

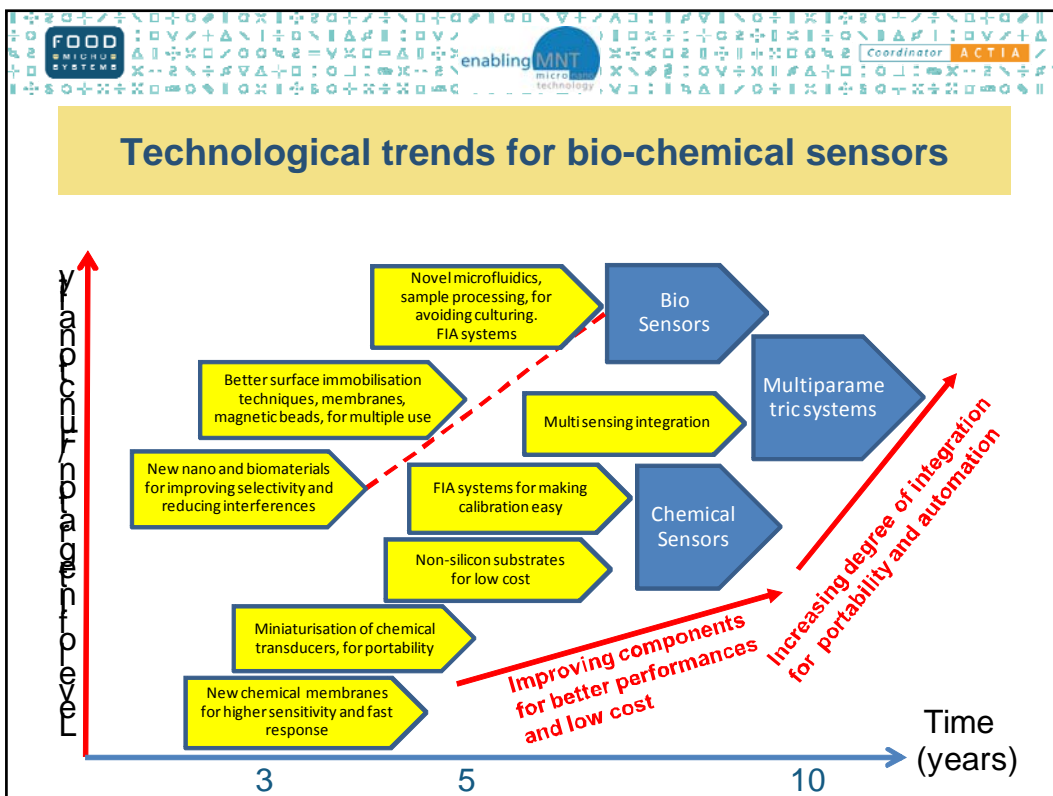
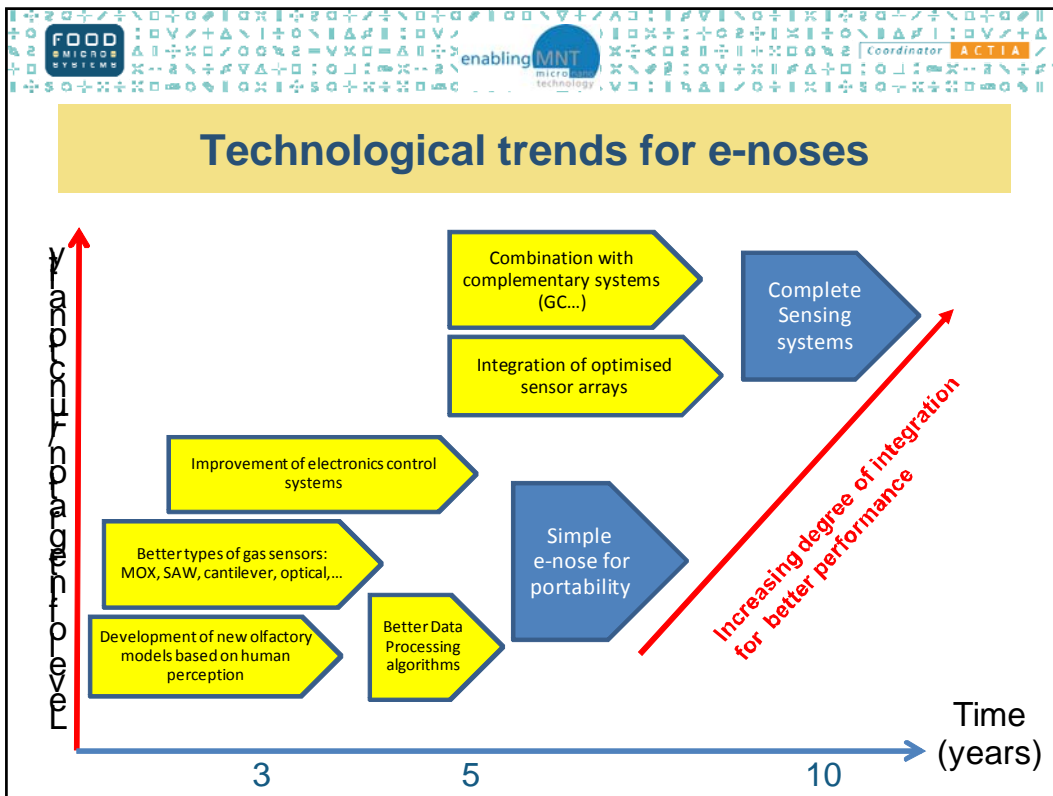
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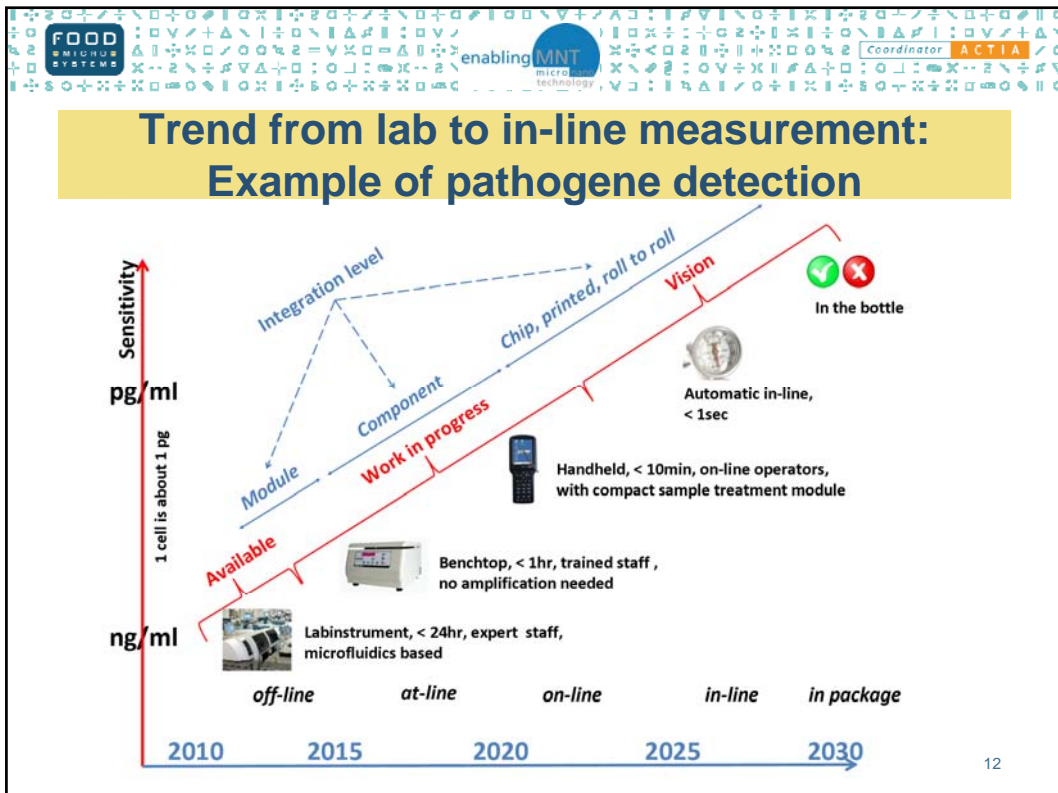
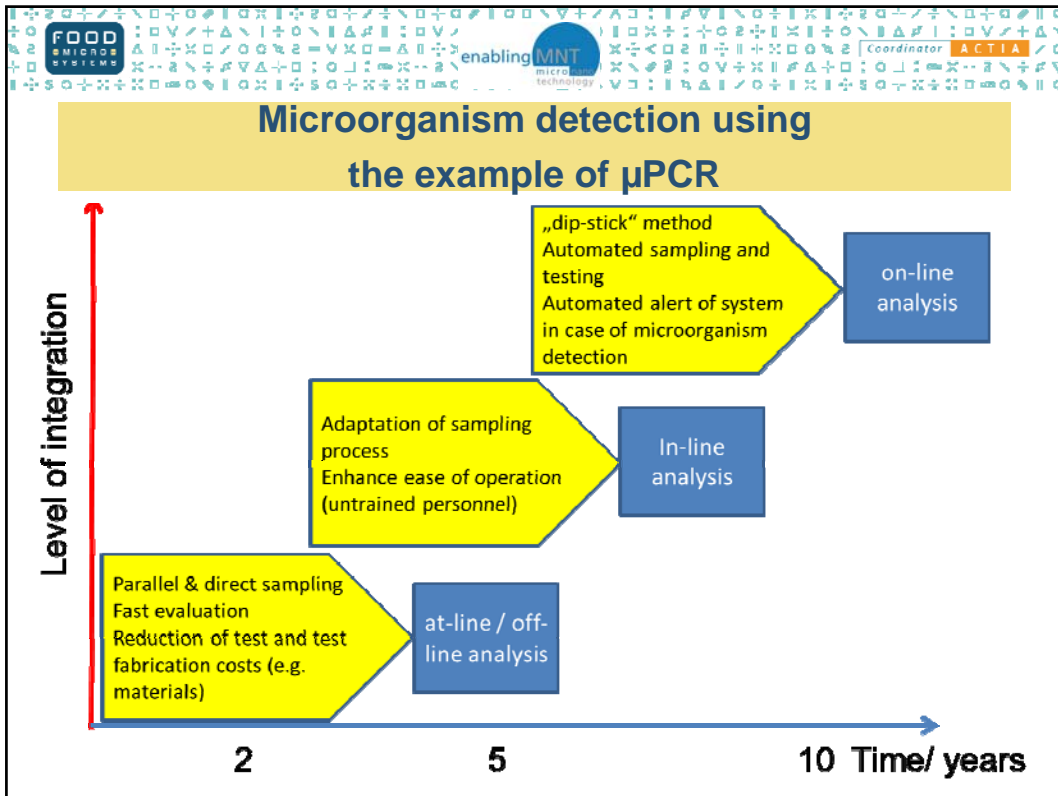
















## MNT for Food – Discussion

- Food industry needs <--> Consumer demands
- Industry constraints: compatibility, speed, COST
- Ethical issues: contamination through MNT?

despite these reservations → multiple opportunities

... relevance for EPoSS?

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## MNT for Food – The way forward...

- Opportunities for MNT:
  - Technologies to increase shelf life & improve taste / nutritial value
  - Even new food products are possible (e.g. through emulsification)
  - Bring Lab analytics to the manufacturing line
  - Many more...
  - Re-use results from medical research!?
- How to move forward:
  - Funding: national, EC - coordinate ICT and food funding?
  - Networking / communication along the “MNT - Food industry” supply chain and internationally (local example: FoodValley NL)
  - Continue FoodMicroSystems roadmapping? Who? How?
  - ETPs: Food4Life? EPoSS role?

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Thank you for your attention!

- Patric Salomon

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FoodMicroSystems: EC-funded Coordination Action to provide a Roadmap of the "Microsystems for Food" Sector

[www.foodmicrosystems.eu](http://www.foodmicrosystems.eu)