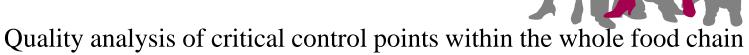
Quality analysis of critical control points within the whole food chain and their impact on food quality, safety and health (QACCP)











Production

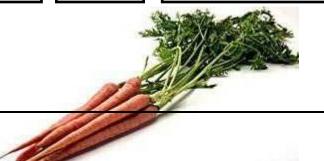
Processing

Trade

Storage, Transport

Consum



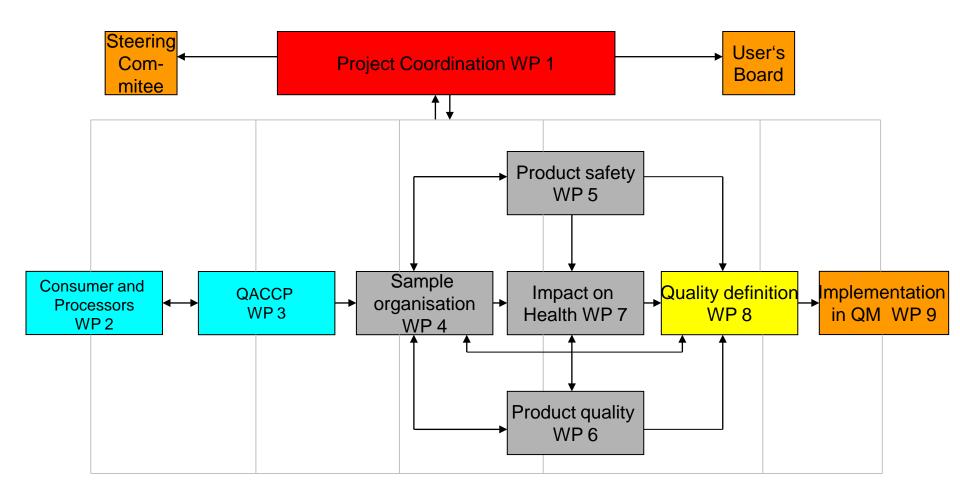






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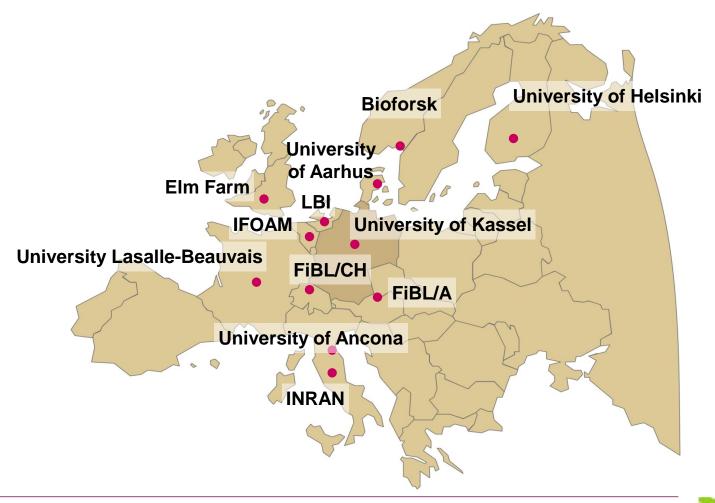






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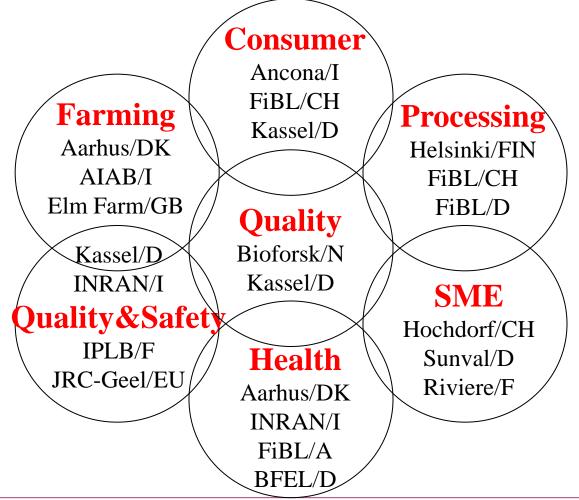






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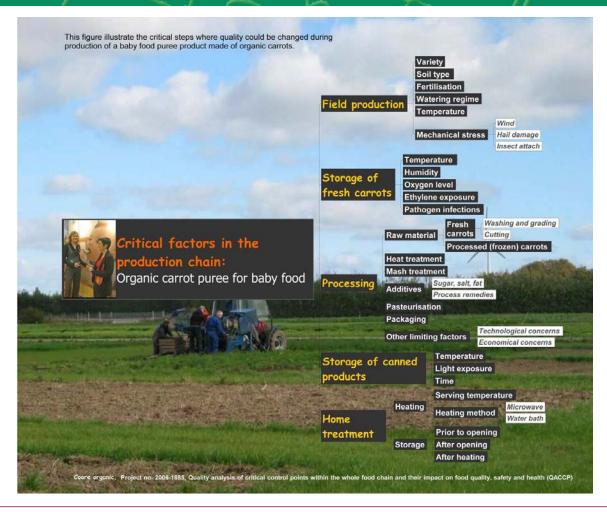
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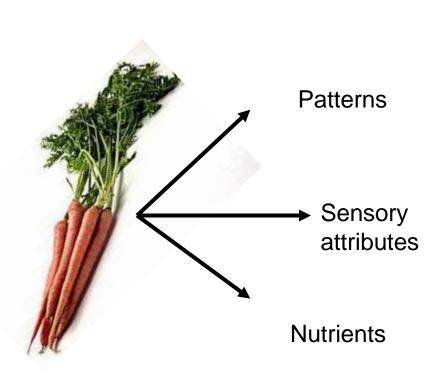




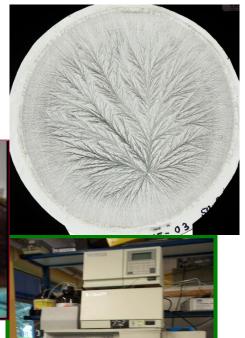






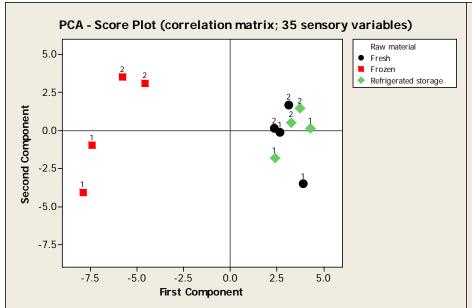


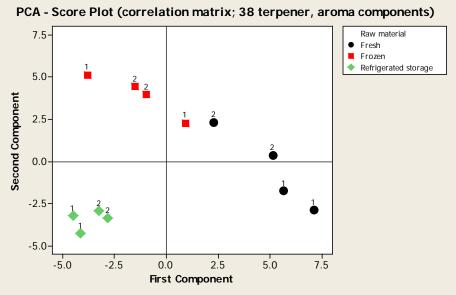




Food as the fundamental unit

















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QACCP identified raw material treatment as critical factor

Freezing the raw material decreases the quality of the final product (carrot baby food)

Using fresh material meets consumers + processors expectations more natural, more low-input, higher quality

Consumers are willing to pay more for the fresh





Take home messages

- 1. Food authentication: from single compound to patterns (from profiles, fingerprints, spectra, pictures)
- 2. QACCP is essential to identify key factors for quality improvement and to sustain the market growth
- 3. Quality evaluation needs a multi-criteria approach (e.g. sensory, nutrition, safety etc.)





End users and countries

Organic processors, retailers, label organizations

Reached by

31 publications

Biofach workshop

Direct communication

In all participating countries (10 by translations into the different languages)





New research question

80% of the food is processed!

EU-Reg. 834/2007: Careful processing methods should be applied

But there is no definition nor detailled regulation in order to select technologies

Careful processing: Code of Practice Evaluation of technologies regarding careful processing



