

Building a research infrastructure for Food, Nutrition and Health Research (FNH-RI) in Europe

By: Karin Zimmermann, Nordic Stakeholder Workshop | October 3rd, 2017 | Lund University



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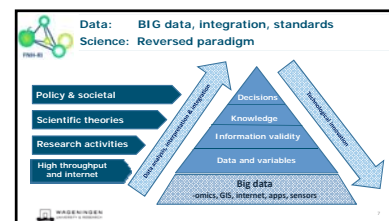
The Challenge



The future of our planet is on your plate

The dietary behaviours of 9 billion people in 2050 determine not only their physical health, mental and social well-being, but also the sustainability of the food system that produces these diets within planetary boundaries

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Societal trends



- Digitalisation**
 - o Data platforms, linked open data, standards
 - o Apps, sensors, wearables
- Personalisation**
 - o Individual feed back structures
 - o Quantified self
- Globalisation**
 - o Global markets and global SOGs
 - o Internet
- Integration**
 - o Fragmentation in sectoral policies and practices to be overcome
- Citizen science**
 - o Citizens become engaged in research

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2. WHY SPECIFIC

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1. WHY GENERAL

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General societal challenges (Food 2030)

- Open Innovation**
 - o Investment; Regional; Private partnering
- Open Science**
 - o Open access and data sharing; engagement; education; skills
- Research Breakthroughs**
 - o "Smart" FNS via ICT; Food system science and trans disciplinary
- Open to the World**
 - o Global collaboration; MS policy alignment and support

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Societal challenges (Food 2030)

- Hunger, malnutrition, food safety & diet-related diseases
- Climate resilience primary production
- Sustainability and circularity in food systems
- Boosting innovation and empowering communities

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