‘Food safety vulnerabilities in a circular economy’ – introduction to the EFSA project

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Trusted science for safe food
Complex Global Changes

The great acceleration

The trajectory of the Anthropocene

• Emerging risks

• Update methodologies

• Knowledge management
Preparedness to the future: emerging risks identification

- Long-term anticipation/prevention
- Weak signals -> expert knowledge
- Circular economy as a driver of emerging risks
Great! But ....

- Innovations can drive the emergence of risks

Twenty years ago the mad cow, between slaughtered cattle and Florentine banned: "Dramatic years, luckily everything has changed"

by Lucia Landoni

It was January 12, 2001 when at the Malpensata farmhouse in Pontevico, in the Lower Brescia area, the 103 cow was the first Italian bovine affected by spongiform encephalopathy. The story of those who lived through those years: "Customers looked at us as if we had deliberately placed infected meat on the market"
Several issues discussed and briefing notes presented

The Green Deal Joint Event EREN - StaDG-ER

Conclusion: comprehensive data collection is needed
The circular economy project

- 2-year project
- Identification of vulnerabilities of circular economy for:
  - food/feed safety,
  - plant and animal health
  - the environment

Xenia Trier, Peder Jensen (EEA)

https://hygienefoodsafety.org/
Information gathering & evidence evaluation (1st year)

- **Literature search + topic modelling**
- **On-going research projects**
- **ad-hoc stakeholder consultations**

Emerging Risks Identification

- **Extensive literature search**
- **on-going research projects**
- **ad-hoc stakeholder consultations**

Status of uptake of CE in Europe

- **Feb 21**
- **May 21**

1st part WS

Characterisation

- **Papers and grey literature retrieved in objective 2**
- **ad-hoc stakeholder consultations**

Beginning 2nd part WS

- **Oct 21**
- **Jan 22**
## Build/engage a Network of Stakeholders

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