



29 October, 13:00-17:00

**'Food safety vulnerabilities
in a circular economy' –
introduction to the EFSA
project**

Angelo Maggiore

Scientific Officer

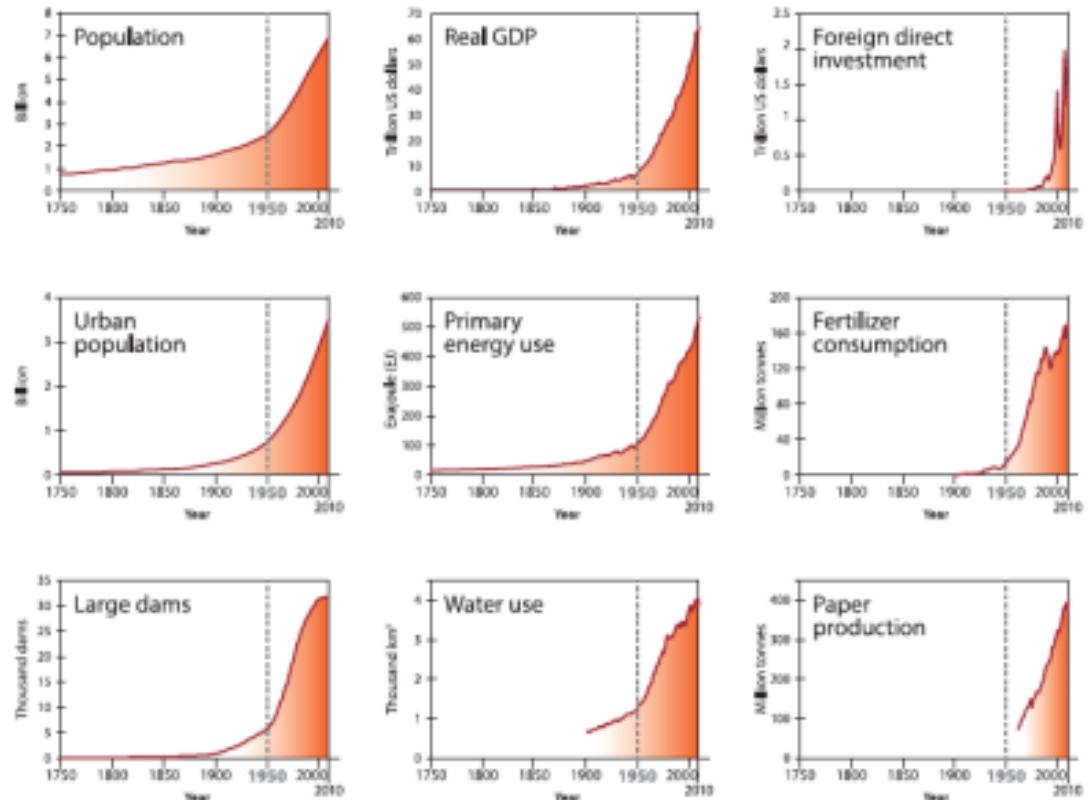
Risk Assessment and Scientific Assistance Department
Scientific Committee - Emerging Risks Unit

Trusted science for safe food



- Complex Global Changes
- The great acceleration
- The trajectory of the Anthropocene

Socio-economic trends



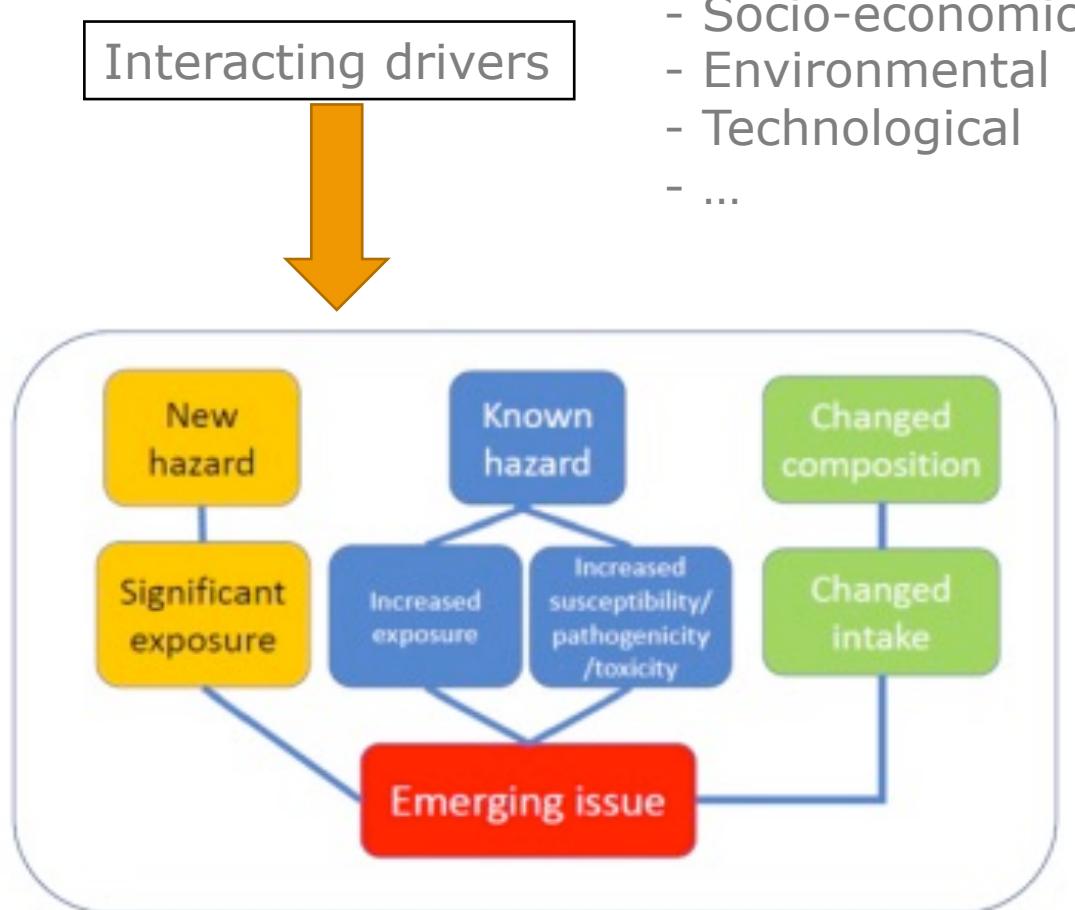
Steffen, W., et al., 2015, 'The trajectory of the Anthropocene: the great acceleration', *The Anthropocene Review* 2(1), pp. 81-98 (DOI: 10.1177/2053019614564785).

EFSA IN A COMPLEX CHANGING WORLD

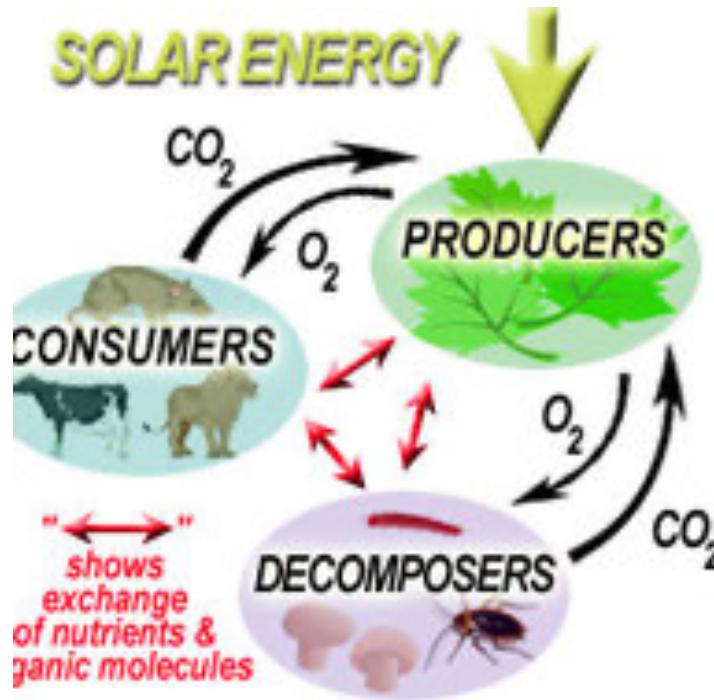


- Emerging risks
- Update methodologies
- Knowledge management

Preparedness to the future: emerging risks identification



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



- Innovations can drive the emergence of risks

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la Repubblica

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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"



Emerging Risks Exchange Network (EREN) Member states



Stakeholder Consultative Group on Emerging Risk (StaCG-ER) - Civil society & Private sector

Several issues discussed and briefing notes presented

The Green Deal Joint Event
EREN - StaDG-ER

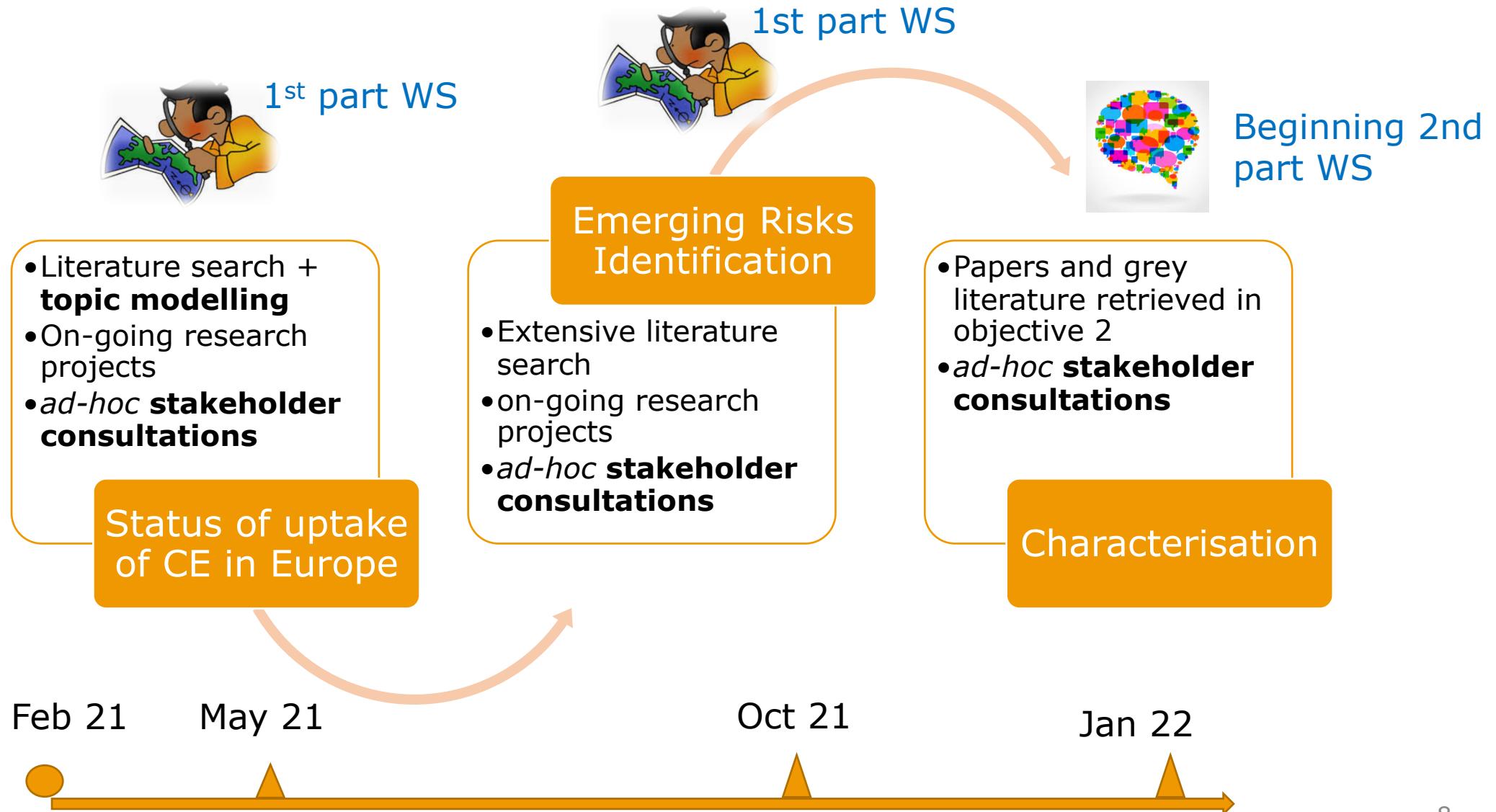
Conclusion: comprehensive data collection is needed

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)



- Build/engage a Network of Stakeholders



2nd part WS

| Scientific/engagement activities | Emerging risks observatory | Knowledge gaps | methods | priorities | Principles/strategies integrated risk assessment | foresight |
|----------------------------------|---|---|---|---|---|---|
| crowdsourcing | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| workshops | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| Citizen's lab | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| schools | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
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