

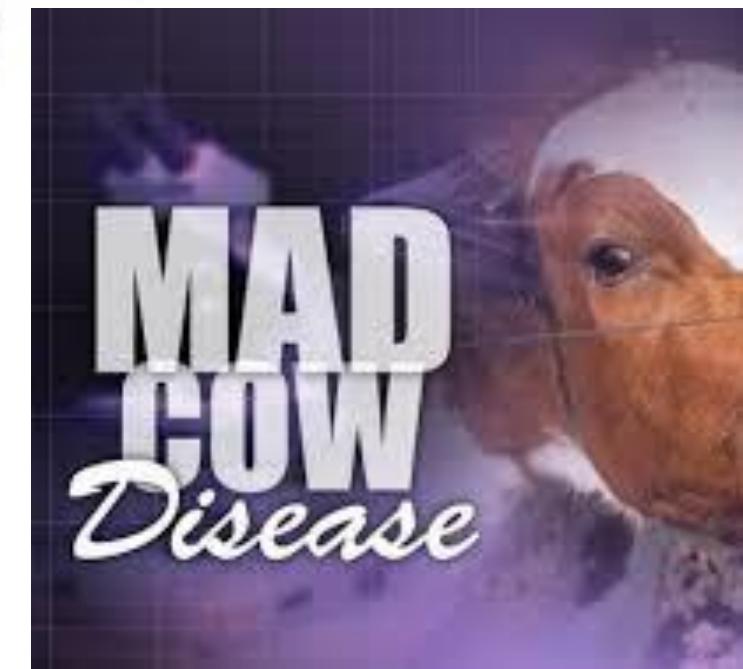
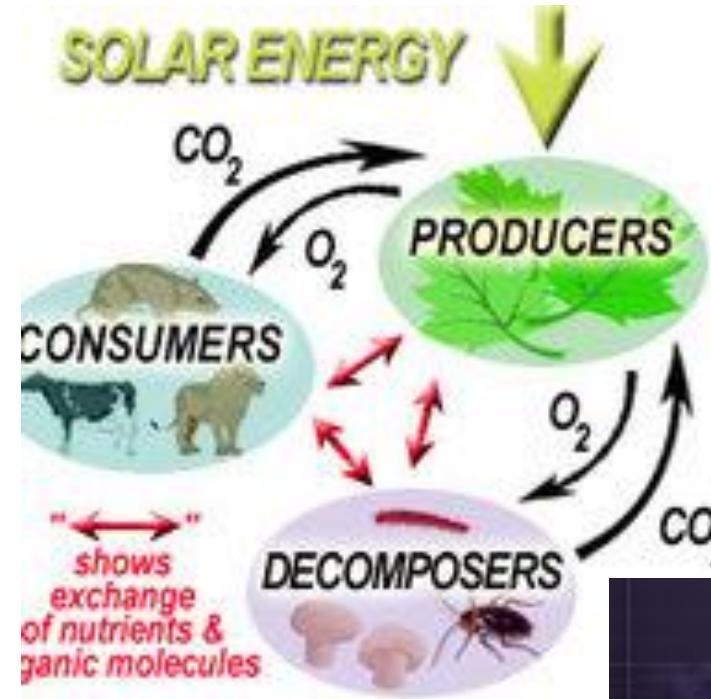
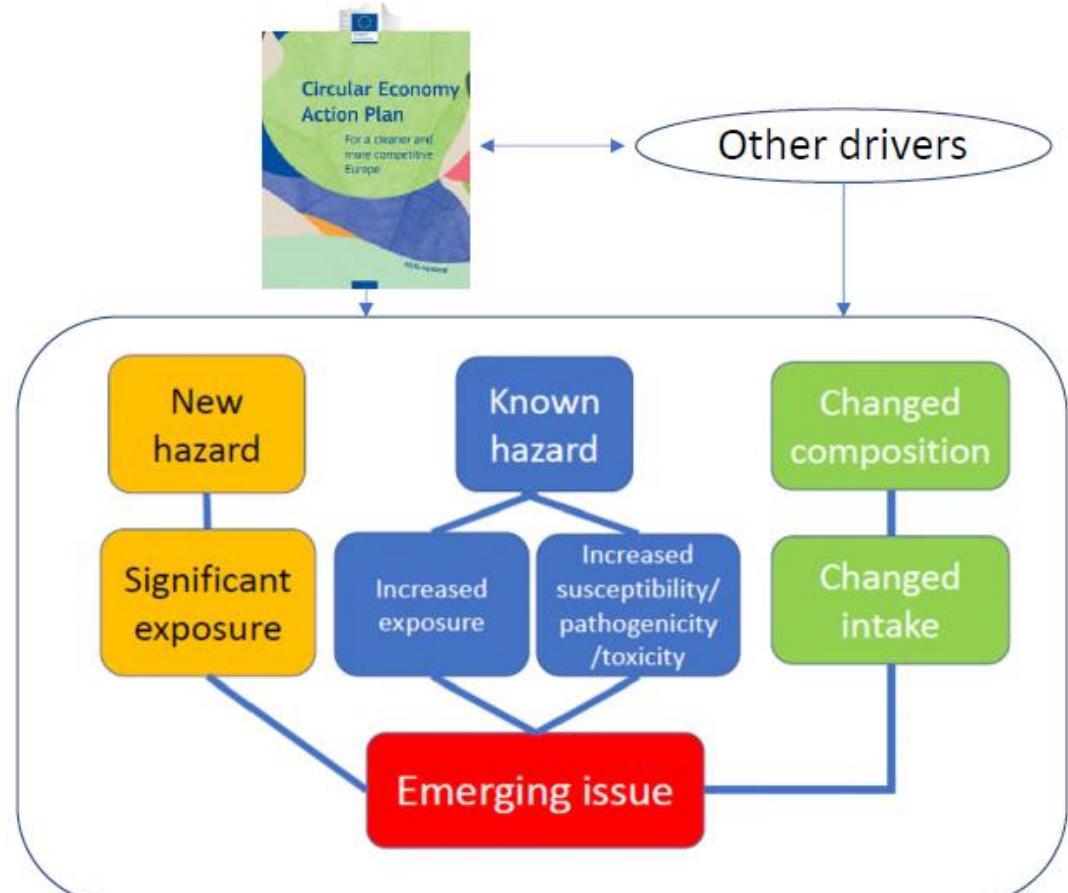
Food safety vulnerabilities in a Circular Economy

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Circular economy as a driver of emerging risks



- Circular economy – pollution from waste to fertilisers to the food chain
- Migration of heavy metals from contaminated soil and water to crops, fruits and vegetables
- Pharmaceuticals and personal care products (PPCPs) in the environment and possible human exposure through the food chain
- Microplastics

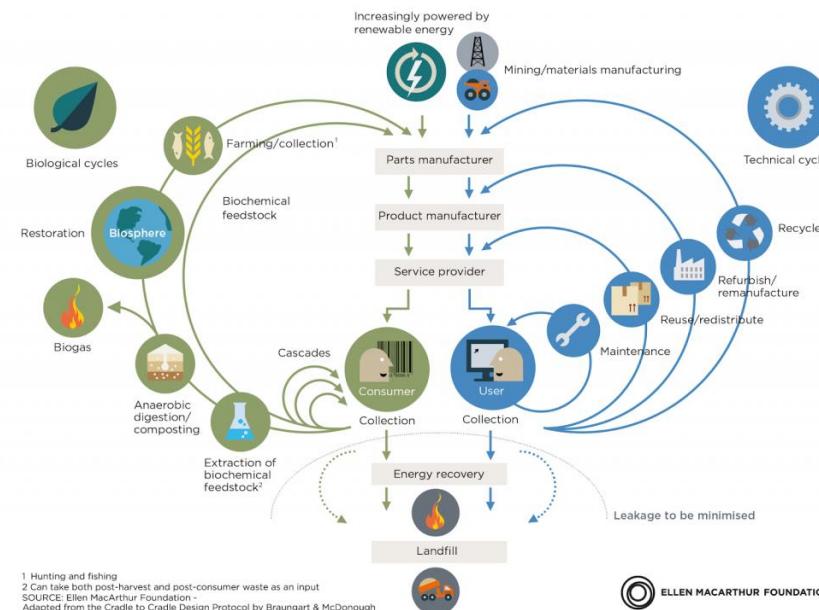


Identification of vulnerabilities of circular economy for food/feed safety, plant and animal health and the environment



Extensive literature search (1st year):

- status of uptake of CE in Europe
- emerging risks identification
- characterization



1. Design and implementation public engagement activities (ENCO call)
2. Network of stakeholders (2nd year)
3. Tasks:
 - Steering;
 - Knowledge gaps and policy needs;
 - Priorities;
 - Challenges for risk assessments;
 - Principles and strategies for integrated approaches and policies



- uptake scenarios in the near future
- challenges for sustainability and food safety
- DG-ENV FORENV
- JRC-I2 Scenario Exploration System: serious game
- JRC-I3 Weak Signals

