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# EXAMPLE OF A FRENCH STAKEHOLDERS INITIATIVE

# *Comité d'Orientation des Recherches*

- Research steering committee settled by the French government
- Work package on STAR
- Stakeholders:
  - Some operators (not the main contributors to environmental release)
  - Workers union
  - French regulator (ASN)
  - 2 environmental NGOs
  - International expert

# Our strategy:

- Collecting questions
- Presentation of the STAR agenda in front of several NGOs and “CLI” members
- Write a review that will be submitted to you

# Concerns

- All nuclear facilities release radioelements into the environment:  
-> Need to assess the impact
- In case of accident, specific knowledge is required
- Remediation raises new questions

# Challenge one: transfers

- Key issue
- All environmental compartments should be taken into account:
  - Sea
  - Wet zones (rice paddies)
  - Urban environment
  - Forests
  - Underground water...

# Challenge one: transfers

- ⦿ Exhaustive pathways:
  - Through the food chain (see fishes)
  - Leaf transfer...
- ⦿ Consider all parts of plants
  - Not just the edible part
- ⦿ Uncertainties:
  - Data + approximations
  - To protect human, one should take into account most penalizing situations
- ⦿ Data:
  - Citizen monitoring should be promoted and taken into account
  - Official monitoring by operators should be adapted

# Challenge two: consequences on biota

- Synergies with chemical pollutants:
  - Strong societal demand
  - Necessity to prioritize:
    - Genotoxics
    - Pollutants commonly present (pesticides)
- Need of a common framework with other pollutants
- Limiting the studies to deterministic effects might not be sufficient in the long term
  - Cf bees

# Challenge three: integration

- Strong demand from regulators for decision tools
- Need of an European harmonization
- Sceptical about integrating human and environment protection
  - Two different paradigms
- Decision tools accepted by the population
  - Co-construction with stakeholders

# Other comments

- Narrow membership:
  - No chemists
  - Very few universities
- Nothing on metrology:
  - How to check 2 million people in case of accident?
  - How to measure strontium quickly?
- Need of an ethical chart in case of support from nuclear industry

# Other comments

- Transmission of knowledge
  - Education issue is not addressed
  - Open access to the publications
  - Need of reviews that can be read by a wide audience
- Need to open the research and decision to stakeholders:
  - Long term involvement to build a citizen expertise
  - Adapt evaluation of researchers to these challenges

Thank you for your attention