Partnership for sharing our knowledge on risks

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We were upset and did not know how to deal with them.
We put the risks in the “Risk Box”

Before the accident

Risk box of Radiation

Risks

Indifference..

Accident occurred!

Risks

Upset! Unexpected!

Risks did exist, but we were indifferent
The aim of our program

Before the accident

Risk box of Radiation

Risk

Indifference..

Educational Program

How to deal with it..?

Miraikan
3 steps to deal with radiation risk box

Step 1: Understanding “What Radiation is”

Step 2: Understanding the Risk of radiation

Step 3: Understanding how to decide our choice
Step 1: What is Radiation?

- Cloud chamber
- Atomic nucleus
- Stable / Unstable
- Natural / Artificial

We are living in radiation environment
Step 2: The Risk of Radiation

- Effect on body
- Various cancer risks

Compare all risks around you
Step 3: How to decide our choice

Choose by balancing Risk & Benefit

**Your Choice 1**

Any food contains radioactive material

- Do you EAT? or not?

It’s much better than starving to death!
Step3: How to decide our choice

Your Choice 2
Chance to go to NY!
Do you take an airplane? or Ship?

Beatiful
Oceanview

Radiation exposure
× 10 exposure dose

Benefit
Fast

Risk
Fast?

Choose by sense of value

I want to arrive as soon as possible!

I just love to see beautiful ocean!
**Character of the risk box**

- Uncertain: when it will open
  (or it has already released risks little by little)
- Uncertain: the range of influence when it opens
- So uncertain that we tend to leave it to “Experts”

**How to deal with it..?**

**Miraikan**
Knowledge on Radiation risk box
Character of the risk box

- Uncertain: when it will open
  (or it has already released risks little by little)
- Uncertain: the range of influence when it opens
  - So uncertain that we tend to leave it to “Experts”

Sharing our knowledge of fostering risk literacy contributes our sustainable development.