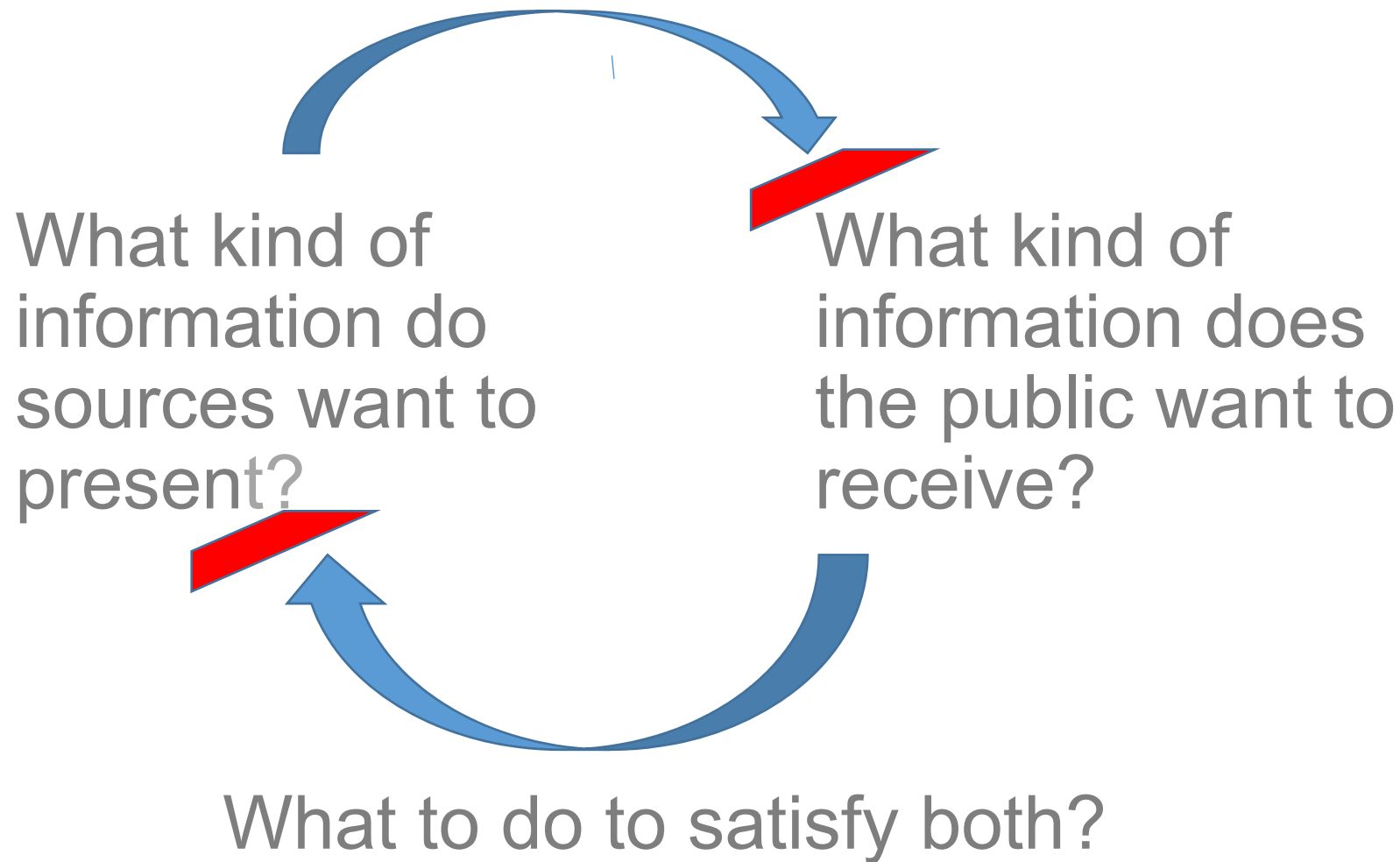


What Do Institutions Which Take Advantage of Ionizing Radiation Want to Tell the Public

WP1 - Information sources: Improving the education, training and communication

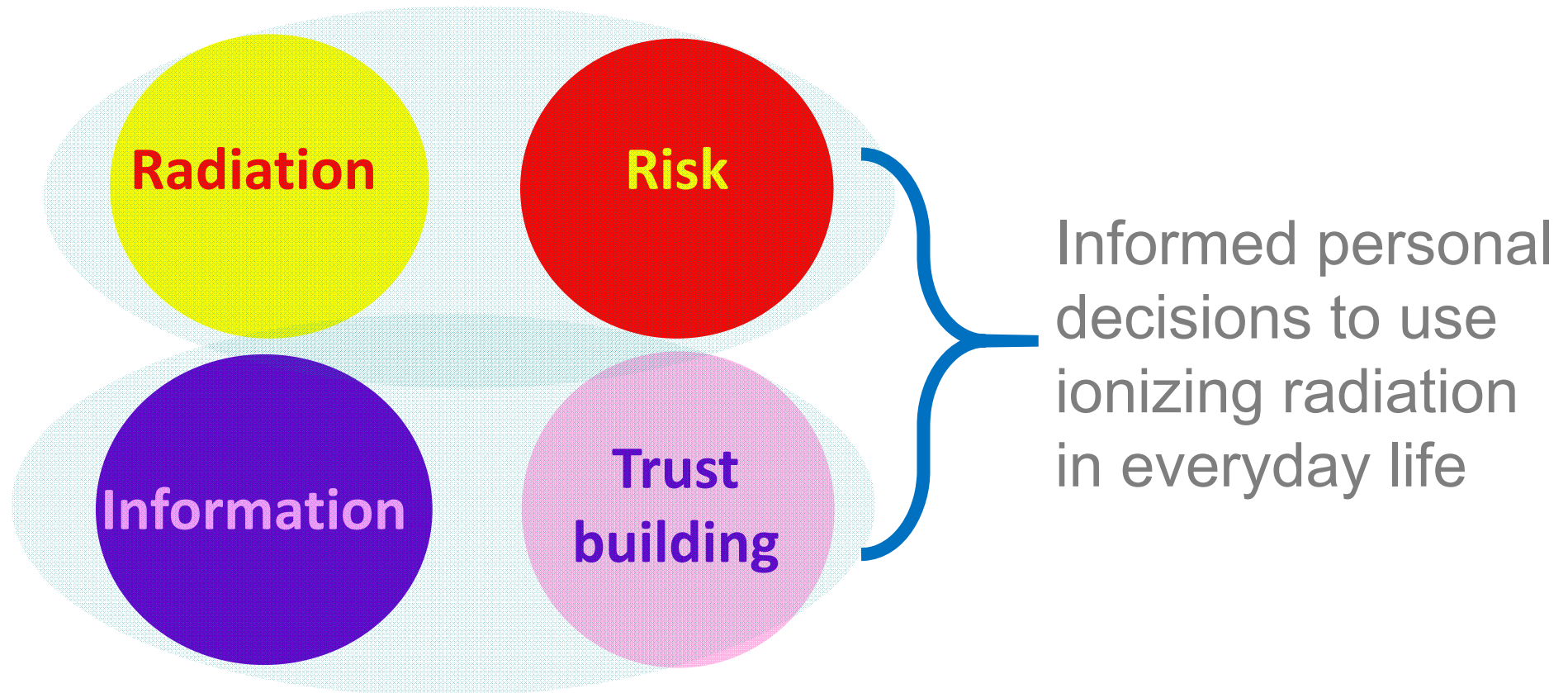
Participants: Metka Kralj and Irena Daris, ARAO, Slovenia
Nadja Železnik and Milena Marega, REC, Slovenia
Grazyna Zakrzewska, ICHTJ, Poland
Daniela Diaconu, INR Romania
Radko Istenič, IJS, Slovenia

Key questions



Our starting point

Improve the governance of
ionizing radiation risks



Informed personal
decisions to use
ionizing radiation
in everyday life

Where can information about ionizing radiation/risk come from?

Type of information source	% of responses
NPP	21.28 %
Regulatory body	19.15 %
Research organization	12.77 %
Waste management organization	8.51 %
Non-governmental organizations	4.26 %

- 148 information sources were included into survey – they provide information because of specific interests of information sources
- $\frac{3}{4}$ of respondents were public organizations
- **educational institutions, media were not included**

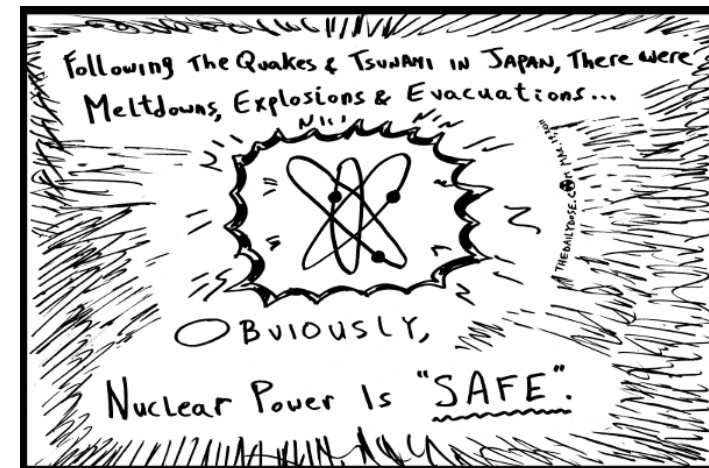
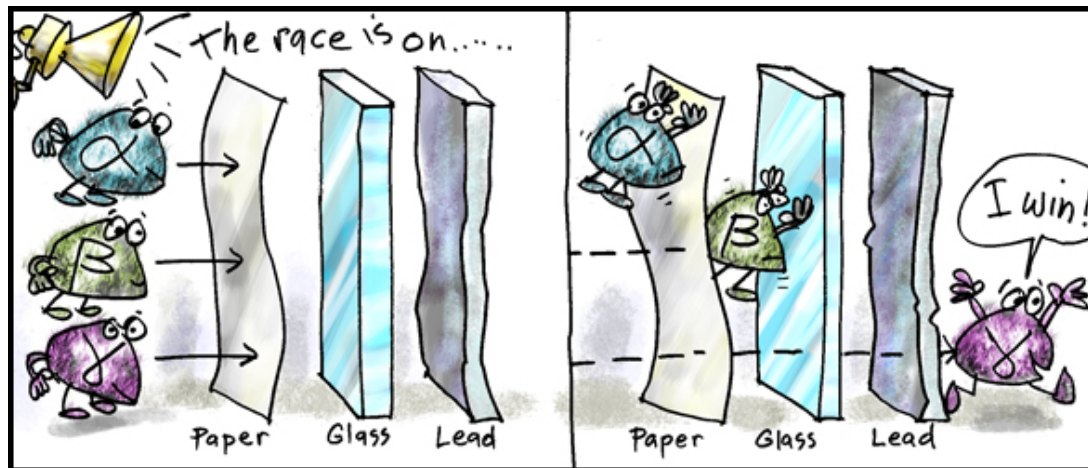
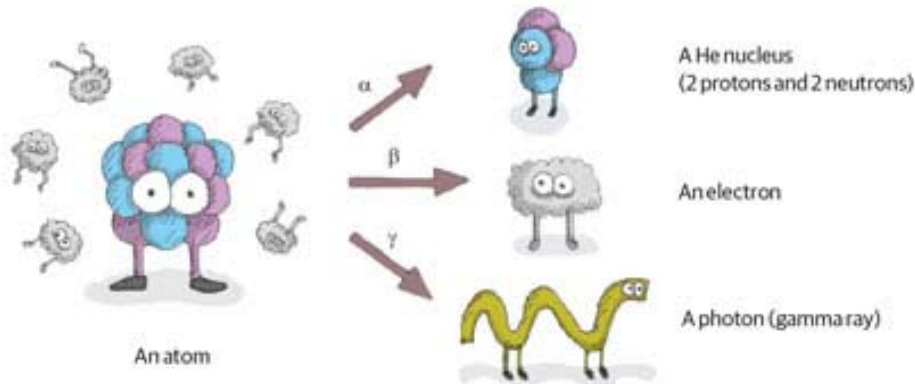
Results:

Main purposes of information activities

Objectives (3 could be chosen by each respondent)	Responses
To educate people about ionizing radiation	55.2 %
To reduce fear from ionizing radiation	48.3 %
To achieve social acceptability for activities	31.0 %
To respond to legal requirements regarding public information	31.0 %
To assure and/or coordinate crisis information in case of incident or accident	27.6%
To gain trust	27.6 %
To inform people to avoid risk for their health	24.1 %

Something like this

The simplest types of decay are:

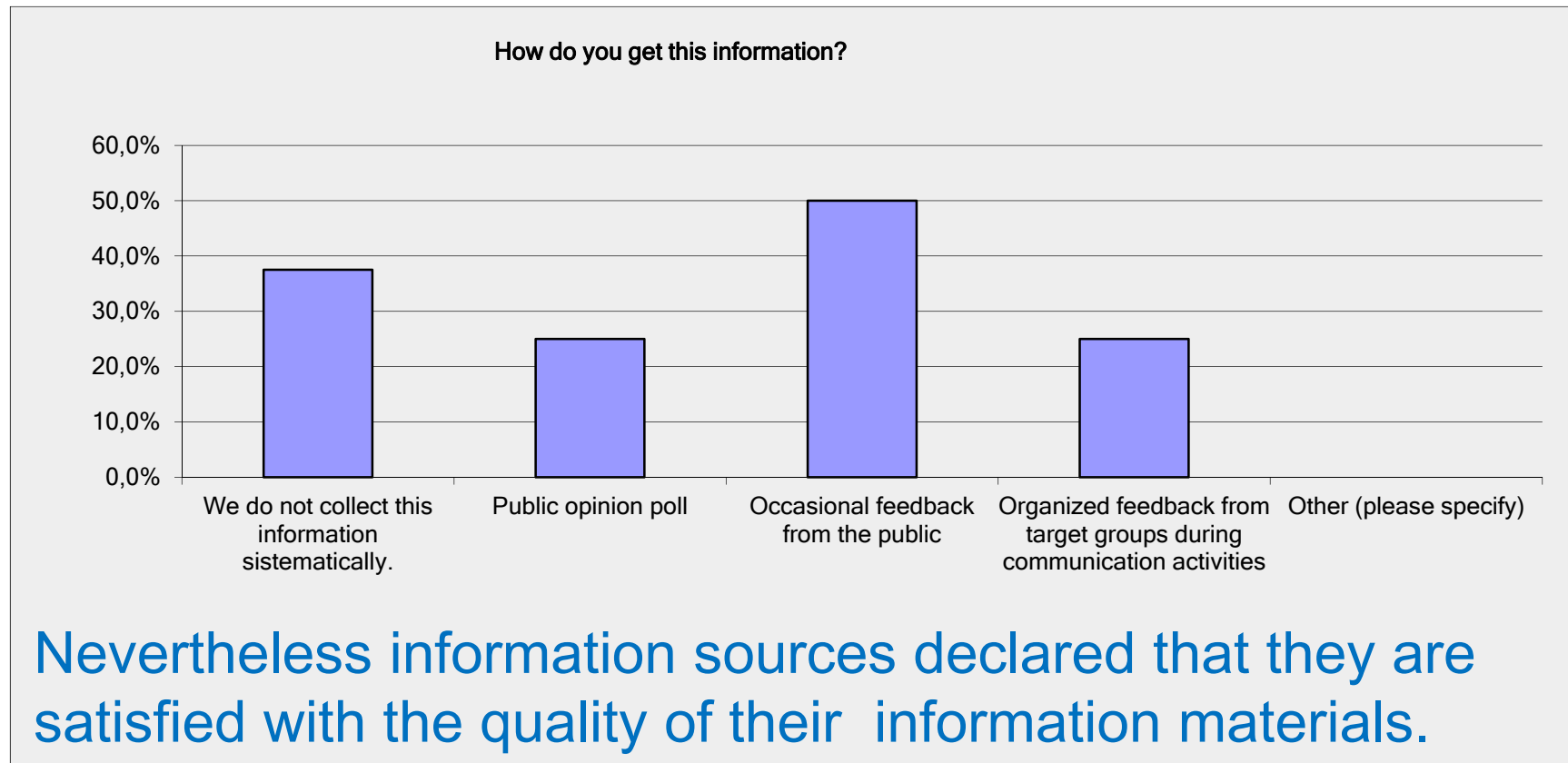


Results:

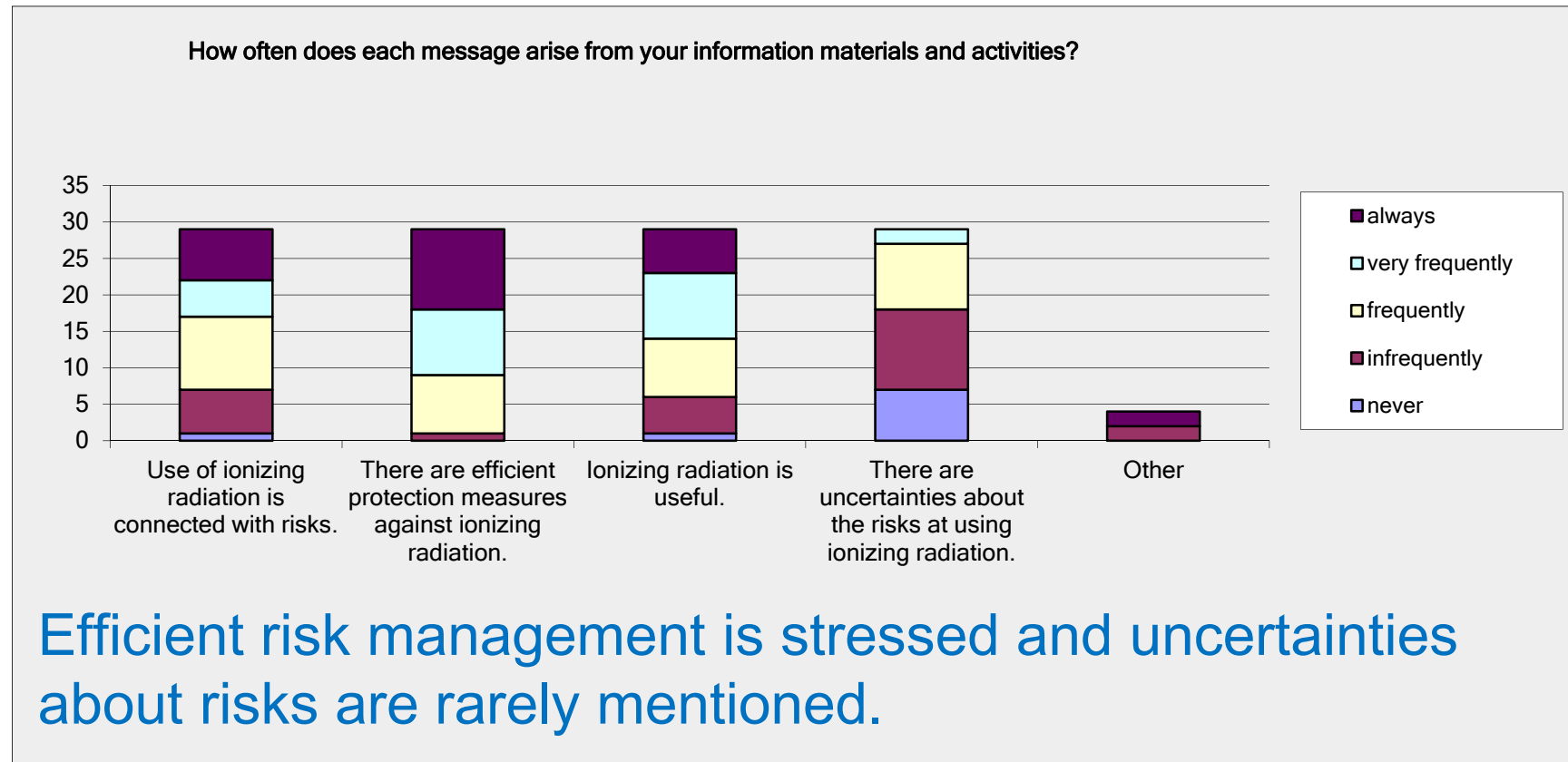
Most wanted information from the public

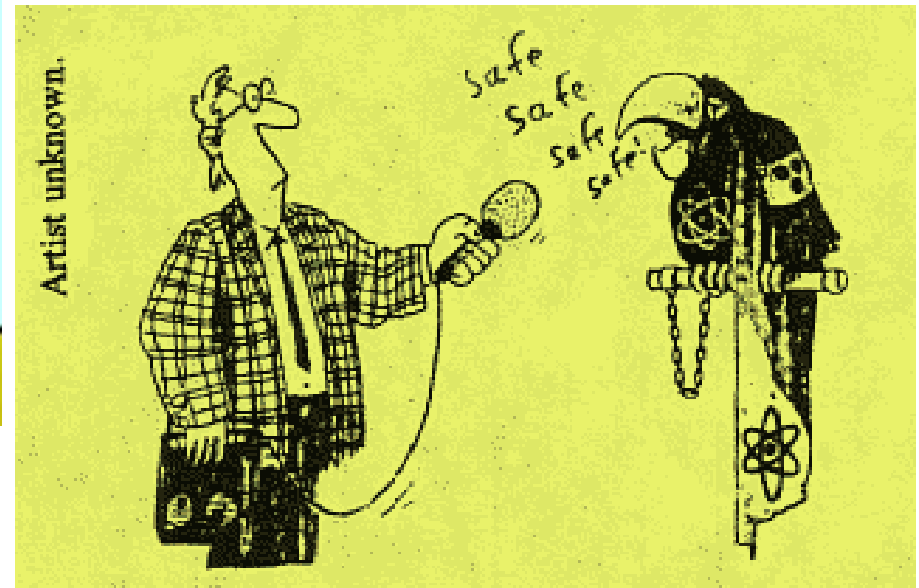
Wanted information	Responses
Effects on health and environment	81.5 %
Hazard/risk from radiation sources	70.4 %
Ionizing radiation protection	37.0 %
Origin of ionizing radiation	29.6 %
Benefits of the use of ionizing radiation	18.5 %
Use of ionizing radiation	14.8 %
Characteristics of ionizing radiation	11.1 %

Information sources do not systematically investigate the needs of the public



About communicating risks





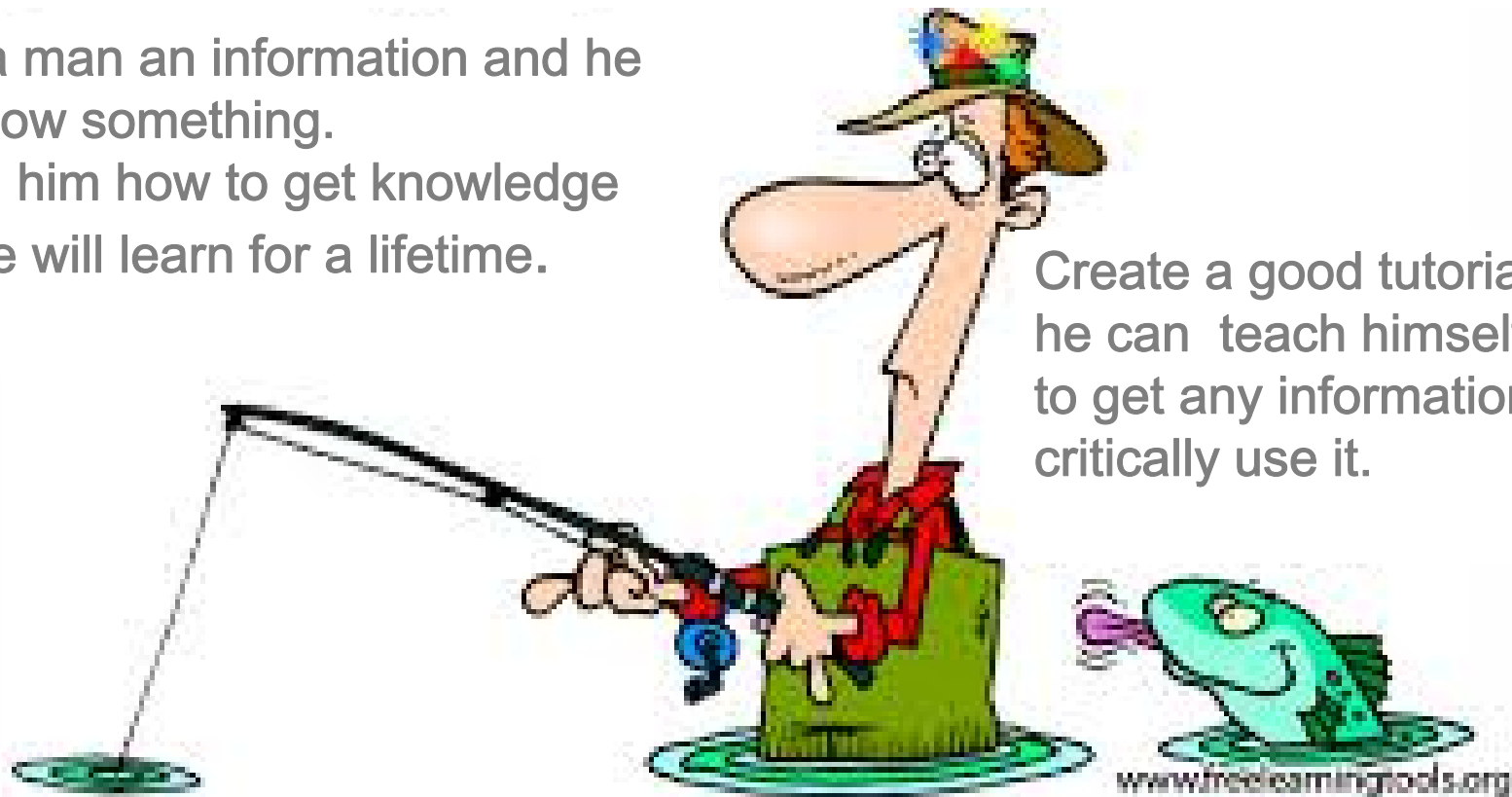
Dealing with risks is often avoided and replaced by confirming safety.

Findings and conclusions from our survey

- Information sources emphasize facts /data instead of functional knowledge.
- Main objective of nuclear facilities is to increase social acceptance and trust.
- Main objective of medical institutions is to explain benefits and adverse effects of radiation applied.
- In most cases ionizing radiation was not the focus of information materials and activities – this should be primarily provided by the educational system.

Public should be given knowledge to be able to find the relevant data and to critically evaluate them.

Give a man an information and he will know something.
Teach him how to get knowledge and he will learn for a lifetime.



Create a good tutorial and he can teach himself how to get any information and critically use it.

Thank you for your attention.