# Teaching module: Smart metering. Social risk perception and risk governance Session 2: Risk perception

**Class plan Class time:** 3x45 min.

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| No. | Activity name | Procedure | Teaching guide | Method | Interaction type | Expected outcome | Materials | Overall time |
| 1. | Risk identification exercise | 1. Ss list the risks associated with smart metering
2. Ss have to choose which risks they think are real
 | T abstains from commenting and does not enable discussion on it | * Direct presentation
 | T -> Ss | * identify possible risks
* understand differences in risk perception
* categorize risks
 | * None
 | 20 min |
| 2. | Introductory presentation | 1. Presentation of the historical development of the concept of risk perception
2. Presentation of the case of radioactive waste disposal in Sweden
 | Using the presentation define and describe what is the concept of risk perception. Example of atomic waste case study is presented.  | * Presentation
* Project based analysis
* Discussion
* Assessment
 | T -> SsS <-> SsSs <-> Ss |  | * SM-ST2-RM1 - Risk Perception
 | 20 min |
| 3. | Technical and social risks identification | 1. Introductory description of the “Toronto” case
2. Divide Ss into groups
3. Ss Identification of technical risks from a given case study material
4. Ss analysis of social perception Toronto case study materials
5. Ss discuss and compare different risks
6. Ss evaluation
 | Introduce the Toronto case with the use of a small case presentation. Divide the Ss into groups and make each group analyze case study materials trying to identify technical and social risks. Allow Ss to discuss and compare the group identified risks.Evaluate the risks identified. | * Project based analysis
* Discussion
* Assessment
 | S <-> SsSs <-> Ss | * Identification of technical SM risks
* Identification of non-technical SM risks
 | * SM-ST2-RM2–Toronto Case Presentation
* SM-ST2-RM3-TorontoCase
* SM-ST2-RM4-TorontoCase
* SM-ST2-RM5-TorontoCase
* SM-ST2-RM6-TorontoCase
* SM-ST2-RM7-TorontoCase
* SM-ST2-RM8-TorontoCase
* SM-ST2-RM9-TorontoCase
* SM-ST2-RM10-TorontoCase
* SM-ST2-RM11-TorontoCase
* SM-ST2-RM12-TorontoCase
* SM-ST2-RM13-TorontoCase
* SM-ST2-RM14-TorontoCase
* SM-ST2-RM15-TorontoCase
* SM-ST2-RM16-TorontoCase
* SM-ST2-RM17-TorontoCase
 | 60 min |
| 4. | Summary Discussion | 1. SSh identified risks definition
2. Privacy and health risks broad discussion
3. Definition of social (non-technical) consequences
 | T should leads the concluding discussion. The discussion should address different social risks, during which Ss work out a definition of social risks. Ss should focus on the difference in interests between stakeholders. T should ask questions about the practical consequences of social risks. | * Discussion
 | T -> SsT <-> Ss | * Perspective view on risks
 | * none
 | 20 min |

\* Interaction type:

**T** – teacher **S** – student **Ss** – students **->** - one way **<->** - two way