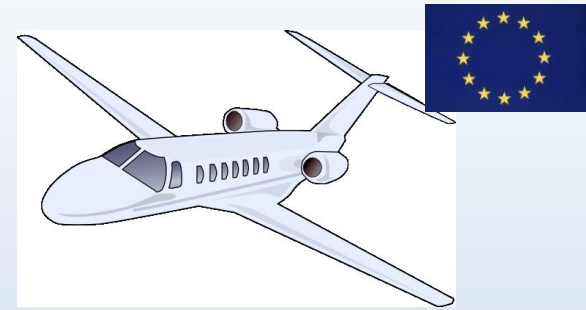# Risk Management game

Outline of talk

- 'Catastrophe' game
- Game reflection

Situation

From now, all of you are passengers of an airliner flying from Europe to Central Africa. During the flight over the Sahara desert, a fire broke out aboard the plane, the engines refused, and the airliner collapsed to the ground. You miraculously survived, but your location is unclear. It is only known that the nearest town is about 300 kilometers away from you. Under the wreckage of the plane, you managed to find fifteen items that remained undamaged after the catastrophe.

Items

The Hunting Knife

Pocket torch

Flight map of the surroundings

Polyethylene cloak

Magnetic compass

Portable gas cooker with a gasbag

Hunting rifle with ammunition

Red and white parachute

A pack of salt

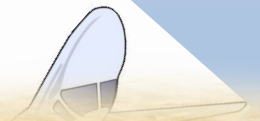**One and a half liters of water per person**

The determinant(device) of edible animals and plants

Sunglasses for everyone

One liter of vodka

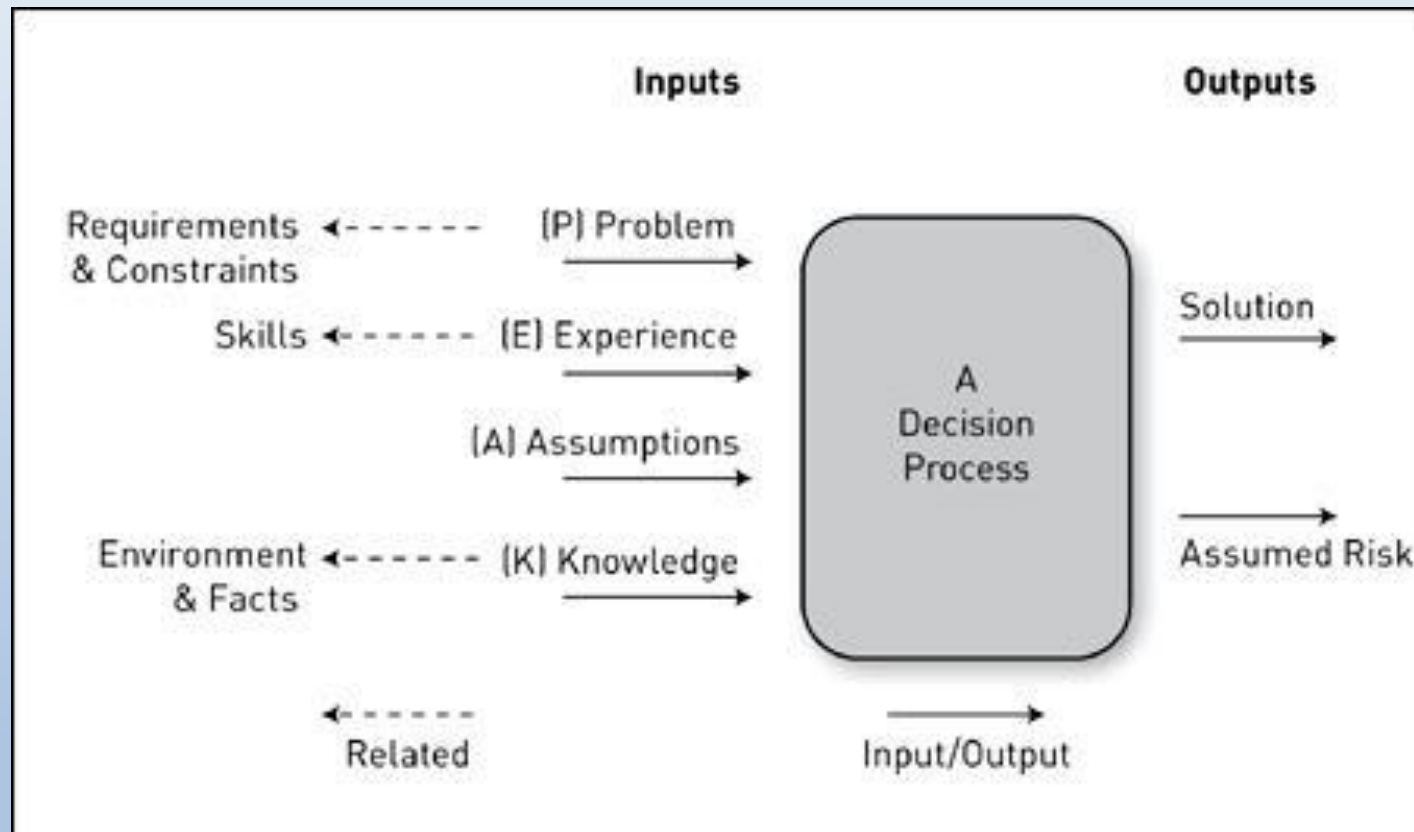**Light short coat per person**

Pocket mirror

Task

Your task is to

- Create salvation plan (use PEAK decision making model);

- Rank these items according to their importance for your salvation (1(high importance)-15(low))

- Identify all risks (use appropriate format to describe risks as real condition -> consequence;

- Create risk management plan (including ToS)

Procedure

1. Do ranking of items individually (10 min);
2. Split into groups of 12, discuss salvation plan, risks, ToS, risk management plan (20 min);
3. Present your plan, discuss others plans
4. Reflect the game idea.

PEAK decision making process

Writing Risk Statements

Writing Risk Statements

Components of a Risk Statement

Given the **Condition**; *there is a probability of* **Consequence** (occurrence).
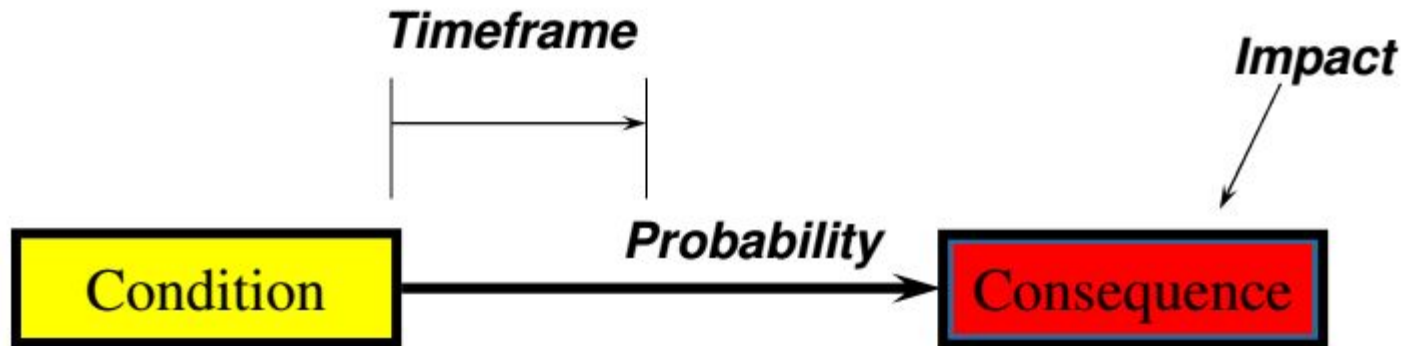
Condition is defined as a single phrase that identifies possible future problems, and describes current key circumstances, and situations that are causing concern, doubt, anxiety, or uneasiness.

Key points in identifying a condition are:

- Must be a FACT or perceived to be FACT
- Must be REALITY BASED
- Must be ACTIONABLE

Consequence is defined as a single phrase or sentence that describes the key adverse event or negative outcome(s) of the current conditions.

Writing Risk Statements

Risk mitigation

Risk management includes the following tasks:

- ***Identify*** risks and their triggers
- ***Classify*** and **prioritize** all risks
- Craft a ***plan*** that links each risk to a mitigation
- ***Monitor*** for risk triggers during the project
- Implement the ***mitigating*** *action* if any risk materializes
- ***Communicate*** risk status throughout project

Individual work

10 minutes

Team work

20 minutes

Discussion session

5< t < 15 minutes