**Scenario Script Template**

The scenario will need around 4 hours. The activities proposed are temporarily distributed as:

**1st teaching period**

### *1st Activity: Initial activit.* [TO GET INTO MATTER](https://moodle.include-erasmus.eu/course/view.php?id=153#section-1)

### Time: 30’

Type of activity: Get familiar and search information about several organizations such as IUPAC, SDGs, EuChems, ISC3.

Class organization: Discuss in pairs or individually.

Actions/Tasks: Match the logos with the actions/functions of these organizations.

***2nd Activity: Consolidation of the previous knowledge***

Time: 25’

Type of activity: ***Participate in a Forum***

Class organisation: Class group.

Actions/Tasks: Answer the proposed questions in a Forum, regarding the previous chemical societies or which are the seventeen SDGs…..

**2nd teaching period**

### *1st Activity:* [DISCOVER THE SCARCITY OF ELEMENTS OF YOUR SMARTPHONE](https://moodle.include-erasmus.eu/course/view.php?id=153#section-2)

Time: 15’

Type of activity: Look for the differences between the 2 periodic tables. Video game http//:bit.ly/euchems-pt

Class organisation: Individually and/or in pairs

Actions/Tasks: Answer the proposed question

***2nd Activity: Scarcity elements***

Time: 40’

Type of activity: Quiz/Interactive questionari

Class organisation: Work in groups

Actions/Tasks: Answer the 5 proposed questions until your score achieves 100%.

**3rd teaching period**

***1st Activity:*** [ELECTRONIC COMPOUNDS](https://moodle.include-erasmus.eu/course/view.php?id=153#section-3)

Time: 20’

Type of activity: Now that students know which are the principal chemical elements involved in electronics, they will go deeper in the some of them.

Class organisation: Individually.

Actions/Tasks: Read some articles, regarding Indium scarcity, recycling, …

***2nd Activity: Indium***

Time: 35’

Type of activity: Sharing ideas in an interactive questionari

Class organisation: Work in groups

Actions/Tasks: Answer the proposed questions regarding the uses, recycling and exhaustion of Indium.

**4th teaching period**

### *1st Activity:* [CRITICAL RAW MATERIALS](https://moodle.include-erasmus.eu/course/view.php?id=153#section-4)

Time: 10’

Type of activity: Discover how the list of critical raw materials is increasing year by year. Discover which are the real recycled levels for some raw materials.

Class organisation: Individually.

Actions/Tasks: Read the information proposed (links attached)

***2nd Activity: Video***

Time: 15’

Type of activity: Watch a video about obtaining Tantalum from Coltan mines.

Class organisation: Individually.

Actions/Tasks: Answer open questions to boost reflexion about our overconsumerism in electronics

***3rd Activity: Scarcity and conflicts***

Time: 30’

Type of activity: Read several chronological articles about Coltan war and obtention.

Class organisation: 2 Groups, A and B.

Actions/Tasks: Answer the proposed questions about Coltan and Tantalum source (Grup A), and about the actual situation in Democratic Republic of Congo (Group B)