EXERCISE 1: MAPPING STUDENTS’ PREVIOUS KNOWLEDGE
GUIDELINES FOR COORDINATORS AND TUTORS

<table>
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<th>Objective</th>
<th>Inducing students to reason about the topic of energy planning, making the most of what they already know.</th>
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<td>Suggested focus question</td>
<td>What concepts should be included in the practice of sustainable, integrated energy planning?</td>
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| Suggested steps | 1) Students work individually, making a list of meaningful concepts concerning the focus question. They should be suggested to list around 15-20 concepts (without linking phrases!) (20’)
2) Teachers choose about 10 lists and invite students to present and discuss them (40’)
3) Students work individually and make a c-map out of the concepts they have listed, connecting them through meaningful linking phrases. Concepts can be removed/added/modified from the list (1h)
4) Teachers choose the more interesting c-maps and invite students to present and discuss them (30’)
5) Teachers make a further selection of c-maps and invite students to form groups of 3 to 5 people (better if from different disciplines/backgrounds) and adjust/improve those maps (1h 30’) |
| Equipment needed | Laptop or desktop PC with Cmap Tools software installed
Internet connection |