

Competences for a sustainable city development: Qualification scheme for Climate Adaptation in Construction, Architecture and Planning

Clim-CAP

Deliverable 4.1

Availability Check of Contents



Lifelong
Learning
Programme

1. Themes and subjects within the field of climate adaptation and their relevance to the training course

Based on the cooperation with the market analysis (WP 2) and further discussions with the Clim-CAP group during the meetings, the following main topics will be carefully attended to during the content collection:

1. Basic theoretical knowledge on effects of climate change in urban areas
2. Knowledge about concrete urban adaptation measures
3. Implementation skills
4. Knowledge on legal framework and other regulations
5. Knowledge on the management and financial aspects
6. Soft skills

Concrete urban adaptation measures and implementation skills should be the main subjects of the training course. Planning skills for urban climate adaptation on a large scale (e.g. planning of entire cities, their infrastructures and whole districts) as well as on smaller scale levels (e.g. neighbourhoods, streets, squares and around buildings) are necessary. This means a concrete input of local examples in all partner countries for the content development of the training course.

In relation to the market analysis in WP 2 the availability of the following themes and subjects in detail will be checked:

1. Basic theoretical knowledge on effects of climate change in urban areas:
 - Evidence of climate change and the need for climate change adaptation
 - The impact of climate change on cities and populations (e.g. UHI and health)
 - Regional climate change projections
2. Knowledge about concrete urban adaptation measures
 - Adaptation to heat in urban areas
 - Adaptation to wind issues in urban areas
 - Adaptation to heavy rain falls in urban areas
 - Adaptation to river floods in urban areas
3. Implementation skills
 - To analyze urban climate problems
 - To solve urban climate issues in large scale urban planning
 - To solve urban climate problems in public spaces
 - To solve urban climate problems in/around buildings

4. Knowledge on legal framework and other regulations
 - International and EU legislation knowledge
 - National urban adaptation legislation knowledge
 - Knowledge on existing urban climate adaptation strategies/ Local Climate Change Adaptation Plans

5. Knowledge on the management and financial aspects
 - Project management skills
 - Project finance skills
 - Knowing public funding opportunities

6. Soft skills
 - Political skills
 - Communication and presentation skills
 - Networking skills
 - Consultancy skills
 - Conflict management skills

2. Structure of the available content for the training course

In preparation for the curriculum structure of the training course (WP 3) the ClimCAP partner are asked for the structure of available content material. Eight categories of content material are generated:

1. Training modules
2. (Software-) Tools
3. Print media
4. Educational films
5. Field trips
6. Best practice examples
7. Contacts
8. Other

3. First results of the availability check of the existing content material in the partner organisations

The following table summarises the available content material in the different partner organisations. The type of the available content as well as the relation to the different main topics are displayed in the table. The numbers of the main topics are used as follows:

1. Basic theoretical knowledge on effects of climate change in urban areas
2. Knowledge about concrete urban adaptation measures
3. Implementation skills
4. Knowledge on legal framework and other regulations
5. Knowledge on the management and financial aspects
6. Soft skills

| | RUB | TCPA | AKA | WBS | EK | UPC |
|-------------------------------|--------------------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------|
| Training modules | with relations to topics: 1, 2, 3 | with relations to topics: 3 | with relations to topics: 6 | with relations to topics: 1, 2, 3 | with relations to topics: 1, 5, 6 | with relations to topics: 3 |
| (Software-) Tools | with relations to topics: 1, 2, 3 | with relations to topics: 3 | ./. | with relations to topics: 2, 3 | ./. | ./. |
| Print media | with relations to topics: 1, 2, 3, 4 | with relations to topics: 1, 2, 3 | with relations to topics: 6 | with relations to topics: 1, 2, 3 | with relations to topics: 1, 2 | ./. |
| Educational films | with relations to topics: 1, 3 | ./. | ./. | with relations to topics: 2 | ./. | ./. |
| Field trips | with relations to topics: 1, 2 | with relations to topics: 2 | ./. | with relations to topics: 2 | with relations to topics: 2 | with relations to topics: 2 |
| Best practice examples | with relations to topics: 2 | with relations to topics: 2, 3 | ./. | with relations to topics: 2 | ./. | ./. |
| Contacts | with relations to topics: 2, 3, 4 | with relations to topics: 3, 4 | ./. | ./. | ./. | with relations to topics: 3 |

There is a lack of available content related to the topics 4 and 5 (legal framework, management and financial aspects). The partner consortium has to fill this gap by producing new content related to this topics for the training course.