

| Module                                                   | Topic         |                                                                                             |
|----------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------|
| WEEK 1                                                   |               |                                                                                             |
| 14.7.2025                                                | Monday        | KICK OFF & INTRODUCTION                                                                     |
| Module 0. Introduction and orientation                   | 09:00 - 10:20 | Introduction & Orientation                                                                  |
| Module 1: Global Challenges & Role of Buildings          | 10:20 - 10:30 | Break                                                                                       |
|                                                          | 10:30 - 11:30 | Building(s) for the future. Challenges and solutions for a sustainable built environment.   |
|                                                          | 11:30 - 11:40 | Break                                                                                       |
|                                                          | 11:40 - 12:40 | EU Taxonomy                                                                                 |
|                                                          | 12:40 - 13:40 | Lunch Break                                                                                 |
|                                                          | 13:40 - 15:20 | Round table discussion. Save the planet or adapting to the changes? Socio-political aspects |
|                                                          | 15:20 - 15:30 | Break                                                                                       |
|                                                          | 15:30 - 16:30 | Building Green from a Spatial Planners Perspective.                                         |
| 15.7.2025                                                | Tuesday       | URBAN SCALE: SOCIAL SUSTAINABILITY                                                          |
| Module 0. Introduction and orientation                   | 09:00 - 09:15 | Feedback and discussion session                                                             |
| Module 2: Socially inclusive and accessible urban spaces | 09:15 - 10:15 | Socio-Cultural Aware Urbanism From Approach to Object                                       |
|                                                          | 10:15 - 10:25 | Break                                                                                       |
|                                                          | 10:25 - 11:25 | Planning for social sustainability                                                          |
|                                                          | 11:25 - 11:35 | Break                                                                                       |
|                                                          | 11:35 - 12:35 | Linear Parks - Developing multifunctional public spaces                                     |
|                                                          | 12:35 - 13:35 | Lunch break                                                                                 |
| Module 9: Project work                                   | 13:35 - 17:00 | Project Work kick-off                                                                       |
| 16.7.2025                                                | Wednesday     | URBAN SCALE: ENERGY PLANNING                                                                |
| Module 0. Introduction and orientation                   | 09:00 - 09:15 | Feedback and discussion session                                                             |
| Module 3: Urban strategies for decarbonisation           | 09:15 -10:15  | Urban energy planning and Anergy                                                            |
|                                                          | 10:15 - 10:25 | Break                                                                                       |
|                                                          | 10:25 - 11:25 | Geothermics and its application                                                             |
|                                                          | 11:25 - 11:35 | Break                                                                                       |
|                                                          | 11:35 - 12:35 | Digital Twins and Positive Energy Districts: Transforming Urban Landscapes                  |
|                                                          | 12:35 - 13:35 | Lunch Break                                                                                 |
|                                                          | 13:35 - 14:35 | Introduction to Smart Cities                                                                |
|                                                          | 14:35 - 14:45 | Break                                                                                       |
| Module 9. Project work                                   | 14:45- 16:45  | Project work                                                                                |
|                                                          | 17:00 - 22:00 | Opening ceremony. Democracy in a Changing Climate                                           |

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| <b>17.7.2025</b>                                                                  | <b>Thursday</b>      | <b>ARCHITECTURE SCALE</b>                                              |
| <b>Module 0.</b> Introduction and orientation                                     | <b>09:00 - 09:15</b> | <b>Feedback and discussion session</b>                                 |
|                                                                                   | 09:15 - 10:15        | The Architecture of Green Buildings                                    |
|                                                                                   | 10:15 - 10:25        | Break                                                                  |
|                                                                                   | 10:25 - 11:25        | Passive House, a constantly up-to-date building concept                |
|                                                                                   | 11:25 - 11:35        | Break                                                                  |
| <b>Module 4:</b> Introduction to green building design and Passive house standard | 11:35 - 12:35        | Building Physics: building envelope and indoor comfort parameters      |
|                                                                                   | 12:35 - 12:45        | Break                                                                  |
|                                                                                   | 12:45 - 13:15        | TU PlusPlus building                                                   |
|                                                                                   | 13:15 - 14:15        | Lunck Break                                                            |
|                                                                                   | 14:15 - 15:45        | Round table discussion. Choosing sustainability in the building sector |
|                                                                                   | 15:45 - 15:55        | Break                                                                  |
|                                                                                   | 15:55 - 16:15        | Passive House refurbished flat.                                        |
|                                                                                   | 16:15 - 16:25        | Break                                                                  |
| <b>Module 9.</b> Project work                                                     | 16:25 - 17:55        | Project work                                                           |
| <b>Voluntary evening program</b>                                                  | 18:30 - 19:30        | Visit to a refurbished flat in Passive House standard                  |
| <b>18.7.2025</b>                                                                  | <b>Friday</b>        | <b>CLIMATE AND COMFORT</b>                                             |
| <b>Module 0.</b> Introduction and orientation                                     | <b>09:00 - 09:15</b> | <b>Feedback and discussion session</b>                                 |
|                                                                                   | 09:15 - 10:15        | Outdoor Comfort in a Changing Climate                                  |
|                                                                                   | 10:15 - 10:25        | Break                                                                  |
|                                                                                   | 10:25 - 10:55        | Passathon presentation                                                 |
|                                                                                   | 10:55 - 11:05        | Break                                                                  |
|                                                                                   | 11:05 - 12:05        | Microclimate in Vienna                                                 |
|                                                                                   | 12:05 - 13:05        | Lunch Break                                                            |
|                                                                                   | 13:05 - 14:05        | Visions for the project area: Westbahnhof Initiative + Q&A             |
|                                                                                   | 14:05 - 14:15        | Break                                                                  |
| <b>Module 9.</b> Project work                                                     | 14:15 - 17:00        | Project work                                                           |
| <b>19.7.2025</b>                                                                  | <b>Saturday</b>      | <b>DAYLIGHT IN KREMS AN DER DONAU</b>                                  |
|                                                                                   | 08:00                | Meetup bus travel + Feedback and discussion                            |
| <b>Module 5.</b> Quality of life in and around                                    | 09:30 - 13:00        | Daylight in Krems                                                      |
|                                                                                   | 13:00- 14:00         | Lunch break                                                            |
|                                                                                   | 14:00 - 16:00        | Excursion in Krems                                                     |
| <b>20.7.2025</b>                                                                  | <b>Sunday</b>        | <b>FREE DAY</b>                                                        |

| WEEK 2                                                      |               |                                                                                                                   |
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| 21.7.2025                                                   | Monday        | CARBON NEUTRALITY                                                                                                 |
| Module 0. Introduction and orientation                      | 09:00 - 09:15 | Feedback and discussion session                                                                                   |
| Module 6: Nature based solutions                            | 09:15 - 10:15 | Alternative building materials                                                                                    |
|                                                             | 10:15 - 10:25 | Break                                                                                                             |
|                                                             | 10:25 - 11:25 | Green Roofs and Green Walls                                                                                       |
|                                                             | 11:25 - 11:35 | Break                                                                                                             |
|                                                             | 11:35 - 12:35 | Mud in the construction sector                                                                                    |
|                                                             | 12:35 - 13:35 | Lunch break                                                                                                       |
| Module 7. Software Toolbox                                  | 13:35 - 15:35 | LCA of buildings + workshop                                                                                       |
|                                                             | 15:35 - 15:45 | Break                                                                                                             |
| Module 9: Project work                                      | 15:45 - 17:30 | Project work                                                                                                      |
| Evening Program                                             | 18:00         | Optional: Sports evening: Soccer, Tennis, Volleyball, Chill out                                                   |
| 22.7.2025                                                   | Tuesday       | CIRCULAR ECONOMY                                                                                                  |
| Module 0. Introduction and orientation                      | 09:00 - 09:15 | Feedback and discussion session                                                                                   |
| Module 10: Project work                                     | 09:15 - 11:25 | Project work                                                                                                      |
| Module 7. Circular economy in the building sector           | 10:15 - 10:25 | Break                                                                                                             |
|                                                             | 11:25 - 12:25 | Urban Mining                                                                                                      |
|                                                             | 12:25 - 13:25 | Lunch break                                                                                                       |
|                                                             | 13:25 - 14:25 | Circularity as one of the secret tools tackling Sustainability in the Construction Sector: Why, What For and How? |
|                                                             | 14:25 - 14:35 | Break                                                                                                             |
|                                                             | 14:35 - 16:05 | Round table discussion. Circular economy                                                                          |
|                                                             | 16:05 - 16:15 | Break                                                                                                             |
|                                                             | 16:15 - 17:15 | TBA                                                                                                               |
| Evening Program                                             | 18:30 - 19:30 | Walzing night                                                                                                     |
| 23.7.2025                                                   | Wednesday     | BUILDING SYSTEMS                                                                                                  |
| Module 0. Introduction and orientation                      | 09:00 - 09:15 | Feedback and discussion session                                                                                   |
| Module 8. Renewable energy technologies for decarbonisation | 09:15 - 10:15 | Solar thermal and architecture                                                                                    |
|                                                             | 10:15 - 10:25 | Break                                                                                                             |
|                                                             | 10:25 - 11:25 | Heat pumps in green buildings                                                                                     |
|                                                             | 11:25 - 11:35 | Break                                                                                                             |
|                                                             | 11:35 - 12:35 | Photovoltaics and its applications                                                                                |
|                                                             | 12:35 - 13:35 | Lunch break                                                                                                       |
| Module 7. Software Toolbox                                  | 13:35 - 14:35 | AI applications for urban microclimate calculations                                                               |
|                                                             | 14:35 - 14:45 | Break                                                                                                             |
|                                                             | 15:30 - 17:30 | Excursion: AIT Labs                                                                                               |
| Evening program                                             | 18:30 - 20:00 | AEMS Public Panel Discussion: Financing the Green Transition                                                      |
| 24.7.2025                                                   | Thursday      | EXCURSIONS DAY                                                                                                    |
|                                                             | 09:00 - 09:15 | Feedback and discussion session                                                                                   |
|                                                             | 09:15 - 12:30 | Excursion - Nordbahnhof                                                                                           |
|                                                             | 12:30 - 13:30 | Lunch break                                                                                                       |
|                                                             | 13:30 - 15:30 | Excursion - Wien Museum                                                                                           |
|                                                             | 15:30 - 15:40 | Break                                                                                                             |
| Module 9. Project work                                      | 15:40 - 17:30 | Project Work                                                                                                      |

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| <b>25.7.2025</b>                              | <b>Friday</b>                     | <b>TOOLS</b>                                                                               |
| <b>Module 0.</b> Introduction and orientation | <b>09:00 - 09:15</b>              | <b>Feedback and discussion session</b>                                                     |
|                                               | 9:15 - 11:15                      | INFRARED. AI for outdoor comfort assessment                                                |
|                                               | 11:15 - 11:25                     | Break                                                                                      |
|                                               | <b>Module 7.</b> Software Toolbox | 11:25 - 12:25 OpenBIM and Sustainability                                                   |
|                                               | 12:25 - 13:35                     | Lunch break                                                                                |
|                                               | 13:35 - 17:00                     | Project Work                                                                               |
| <b>26.7.2025</b>                              | <b>Saturday</b>                   | <b>PASSATHON</b>                                                                           |
|                                               | <b>09:00 -16:30</b>               | Excursion: Passathon in the Seestadt, incl. PopUp dorms and Green House                    |
| <b>27.7.2025</b>                              | <b>Sunday</b>                     |                                                                                            |
|                                               | 10:30-13:30                       | FREE DAY (optional: Social Housing Tour w. Eugene Quinn, starting pointing: Karl Marx Hof) |
| <b>WEEK 3</b>                                 |                                   |                                                                                            |
| <b>28.7.2025</b>                              | <b>Monday</b>                     | <b>SIMULATIONS &amp; PROJECT WORK</b>                                                      |
| <b>Module 0.</b> Introduction and orientation | <b>09:00 - 09:15</b>              | <b>Feedback and discussion session</b>                                                     |
|                                               | <b>09:15 - 13:00</b>              | <b>Project work: Interim presentations</b>                                                 |
|                                               | 13:00 - 14:00                     | Lunch break                                                                                |
|                                               | <b>14:00 - 17:00</b>              | <b>Project Work - Parallel: HONEYBEE workshop</b>                                          |
| <b>Evening Program</b>                        | <b>18:00</b>                      | <b>Optional: Sports evening: Soccer, Tennis, Volleyball, Chill out</b>                     |
| <b>29.7.2025</b>                              | <b>Tuesday</b>                    | <b>PROJECT WORK</b>                                                                        |
| <b>Module 9.</b> Project work                 | <b>09:00 - 12:00</b>              | <b>Project work</b>                                                                        |
|                                               | 12:00 - 13:00                     | Lunch break                                                                                |
|                                               | <b>13:00 - 17:00</b>              | <b>Project Work</b>                                                                        |
| <b>Evening program</b>                        | <b>19:00-21:00</b>                | <b>Movie Night - Screening of the movie "Outgrow the system" by Cecilia Paulsson</b>       |
| <b>30.7.2025</b>                              | <b>Wednesday</b>                  | <b>PROJECT WORK</b>                                                                        |
| <b>Module 9.</b> Project work                 | <b>09:00 - 12:00</b>              | <b>Project work</b>                                                                        |
|                                               | 12:00 - 13:00                     | Lunch break                                                                                |
|                                               | <b>13:00 - 17:00</b>              | <b>Project Work</b>                                                                        |
| <b>31.7.2025</b>                              | <b>Thursday</b>                   | <b>PROJECT WORK</b>                                                                        |
| <b>Module 9.</b> Project work                 | <b>09:00 - 12:00</b>              | <b>Project work</b>                                                                        |
|                                               | 12:00 - 13:00                     | Lunch break                                                                                |
|                                               | <b>13:00 - 17:00</b>              | <b>Project Work</b>                                                                        |
| <b>Evening program</b>                        | <b>18:00</b>                      | <b>Dinner at a typical "Heurigen"</b>                                                      |
| <b>1.8.2025</b>                               | <b>Friday</b>                     | <b>PROJECT WORK</b>                                                                        |
| <b>Module 9.</b> Project work                 | <b>09:00 - 12:00</b>              | <b>Project work</b>                                                                        |
|                                               | 12:00 - 13:00                     | Lunch break                                                                                |
|                                               | <b>13:00 - 17:00</b>              | <b>Project Work and final delivery</b>                                                     |
| <b>2.8.2025</b>                               | <b>Saturday</b>                   | <b>FAREWELL</b>                                                                            |
| <b>Module 9.</b> Project work                 | 09:00 - 12:00                     | Individual preparation to the final presentation                                           |
|                                               | 12:00 - 13:30                     | Lunch break                                                                                |
|                                               | <b>13:30 - 17:30</b>              | <b>Final presentations</b>                                                                 |
|                                               | <b>18:00 - 20:00</b>              | <b>Closing ceremony</b>                                                                    |