TRAINING SCHOOL WG4

“Rethinking technologies”

COST Action CA166144 RESTORE

REthinking Sustainability TOwards a Regenerative Economy

Venice, 2nd - 5th December 2019
<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 – 9:15</td>
<td>Welcome by hosting institution</td>
</tr>
<tr>
<td></td>
<td>IUAV</td>
</tr>
<tr>
<td>9:15 – 9:45</td>
<td>RESTORE principles</td>
</tr>
<tr>
<td></td>
<td>Martin Brown</td>
</tr>
<tr>
<td>9:45 – 10:15</td>
<td>Restorative procurement, implementation, O&amp;M</td>
</tr>
<tr>
<td></td>
<td>Giulia Peretti</td>
</tr>
<tr>
<td>10:15 – 10:45</td>
<td>From sustainable to regenerative buildings in practice: cases and experiences</td>
</tr>
<tr>
<td></td>
<td>Marcello Turrini</td>
</tr>
<tr>
<td>10:45 – 11:15</td>
<td>Welcome Coffee</td>
</tr>
<tr>
<td>11:15 – 11:45</td>
<td>From concepts to technologies and TS organization including expected results + discussion</td>
</tr>
<tr>
<td></td>
<td>Motivated proposal of alternative technology solution-set including expected performance and impacts.</td>
</tr>
<tr>
<td></td>
<td>Wilmer Pasut</td>
</tr>
<tr>
<td>11:45 – 12:30</td>
<td>Introduction to case study (or case studies) + questions/discussion</td>
</tr>
<tr>
<td></td>
<td>By designer/facility manager</td>
</tr>
<tr>
<td>12:30 – 13:00</td>
<td>Presenting preliminary survey and monitoring results</td>
</tr>
<tr>
<td></td>
<td>Lorenza Pistore</td>
</tr>
<tr>
<td>13:00 – 14:00</td>
<td>Lunch break</td>
</tr>
<tr>
<td>14:00 – 15:30</td>
<td>Introduction and presentation of sub-actions A, E, B</td>
</tr>
<tr>
<td></td>
<td>Lorenza Pistore (A)</td>
</tr>
<tr>
<td></td>
<td>Edeltraud Haselsteiner (B)</td>
</tr>
<tr>
<td></td>
<td>Sergio Altomonte / Gulben Calis (E)</td>
</tr>
<tr>
<td>15:30 – 17:30</td>
<td>Ice-breaking activities</td>
</tr>
<tr>
<td></td>
<td>5 working team kick-off</td>
</tr>
<tr>
<td></td>
<td>Know each other, team building, study documents and survey results</td>
</tr>
<tr>
<td>17:30 – 18:00</td>
<td>Overall wrap-up, question time (Wilmer Pasut)</td>
</tr>
<tr>
<td></td>
<td>Milestone of the day: Understanding RESTORE and regenerative building vs. sustainable building</td>
</tr>
</tbody>
</table>
# Tuesday 3 DECEMBER 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
</tr>
</thead>
</table>
| 9:00 – 13:00  | **Visiting case study: FisTec Environmental Engineering Physics Lab**  
|               | *via Torino 153/a - 30170 Mestre Venezia*  
|               | ➢ Max 2 or 3 teams together while the others continuing working on  
|               | documentation  
|               | **Field measurements & Working on final report**                          |
| 13:00 – 14:00 | Lunch break                                                               |
| 14:00 – 16:30 | **Field measurements**  
|               | &  
|               | **Working on final report** (5 teams)                                     |
| 16:30 – 17:00 | **Evaluation schemes for products performance/impact assessment**  
|               | *Carlo Battisti*                                                          |
| 17:00 – 17:30 | **Restorative Design**  
|               | *Emanuele Naboni*                                                         |
| 17:30 – 18:00 | **Specific wrap-up, question time**  
|               | **Milestone of the day: How to measure regenerative IEQ: KPIs and tools** |

# Wednesday 4 DECEMBER 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
</tr>
</thead>
</table>
| 9:00 – 10:00  | **Social impact of building technologies**  
|               | *Marzia Traverso (UNI Aachen)*                                           |
| 10:00 – 11:30 | **Presentation of sub-actions C, D, F**  
|               | *Thaleia Konstantinou (C)*  
|               | *Giulia Sonetti (D)*  
<p>|               | <em>Paola Villoria Saez (F)</em>                                                |
| 11:30 – 13:00 | <strong>Working on final report</strong> (5 teams)                                     |
| 13:00 – 14:00 | Lunch break                                                               |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 – 15:00</td>
<td><strong>Introduction and cases/experiences on regenerative/circular economy</strong></td>
</tr>
<tr>
<td></td>
<td><em>Chiara Catgiu (ARUP)</em></td>
</tr>
<tr>
<td>15:00 – 17:30</td>
<td><strong>Working on final report</strong> (5 teams)</td>
</tr>
<tr>
<td>17:30 – 18:00</td>
<td><strong>Specific wrap-up, question time</strong></td>
</tr>
<tr>
<td></td>
<td><em>Milestone of the day: How to define regenerative technology solution-set</em></td>
</tr>
</tbody>
</table>

---

### Thursday 5 DECEMBER 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 – 13:00</td>
<td><strong>Finalising presentations</strong> (teams)</td>
</tr>
<tr>
<td></td>
<td><em>Roberto Lollini (and possible presence of designer/facility manager)</em></td>
</tr>
<tr>
<td>13:00 – 14:00</td>
<td>Lunch break</td>
</tr>
<tr>
<td>14:00 – 15:45</td>
<td><strong>Public event</strong></td>
</tr>
<tr>
<td></td>
<td>• Introduction <em>by Carlo Battisti</em></td>
</tr>
<tr>
<td></td>
<td>• Presentation of WG4/TS <em>by Wilmer Pasut</em></td>
</tr>
<tr>
<td></td>
<td>• Presentation of results <em>by 5 groups</em></td>
</tr>
<tr>
<td>15:45 – 16:00</td>
<td><strong>Farewell</strong></td>
</tr>
<tr>
<td></td>
<td><em>Lorenza Pistore</em></td>
</tr>
</tbody>
</table>