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| 1 | <b>Title:</b>  | Green Label II   |
| 2 | <b>Type of educational activity/teaching format:</b>   | Online course  |
| 3 | <b>Responsible and offering lecturer:</b>              | Ali Abou Hassan<br><a href="mailto:ali.abou_hassan@sorbonne-universite.fr">ali.abou_hassan@sorbonne-universite.fr</a><br><br>Franck Launay<br><a href="mailto:franck.launay@sorbonne-universite.fr">franck.launay@sorbonne-universite.fr</a>       |
| 4 | <b>Other lecturers if involved:</b>                    | Giovanni Poli<br><a href="mailto:giovanni.poli@sorbonne-universite.fr">giovanni.poli@sorbonne-universite.fr</a><br><br>Emilie-Laure Zins<br><a href="mailto:emilie-laure.zins@sorbonne-universite.fr">emilie-laure.zins@sorbonne-universite.fr</a> |
| 5 | <b>Start date - end date and duration:</b>             | January to April 2023  |
| 6 | <b>Short description of the content of the course:</b> | Students will work in teams and supervised by a tutor on a subject related to sustainable development  |
| 7 | <b>Workload / Credits:</b>                             | Overall workload: 40 h, 2 ECTS<br><i>(60 h, 3 ECTS if an accelerated version of the Green Label I has to be passed)</i><br><br>At Sorbonne University this module is recognized as extra-curriculum activities.                                    |
| 8 | <b>Target group-level:</b>                             | Bachelor (3d year BA), students with scientific background including chemistry modules   |
| 9 | <b>Language of instruction:</b>                        | French<br>Some videos and bibliographic resources will be proposed in English.   |

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| 10 | <b>Learning content:</b>                | <p>The course will be key to acquire a collective awareness on the importance of sustainable development, which can be valued as a citizen or future chemist.</p> <p>Coached team work (several meetings) on a project proposed by the students and related to green chemistry / sustainable development.</p> <p>Three phases: identification (of the subject) / preparation / realization.</p> <p><i>If needed, for the accelerated Green Label:</i></p> <ul style="list-style-type: none"> <li>- <i>Watching autonomously the assigned content.</i></li> <li>- <i>Answering quizzes to self-assess the understanding of the presented concepts.</i></li> <li>- <i>Online interaction and discussion through the course's forum</i></li> </ul>   |
| 11 | <b>Learning objectives:</b>             | <p>The students will:</p> <ul style="list-style-type: none"> <li>- select a study case where sustainability is compromised</li> <li>- assess the initial situation and analyze the possible remediation through readings and/or experiments and/or the interviews of specialists</li> <li>- restate their findings and proposals either through a video or a poster reporting on the problem and on solutions</li> </ul> <p><i>If needed, for the accelerated Green Label I, the students will:</i></p> <ul style="list-style-type: none"> <li>- <i>be able to speak about / explain / present the 12 principles ...</i></li> <li>- <i>be initiated to the calculation of green metrics</i></li> <li>- <i>gain some consciousness about multiple actions to reach a more sustainable development at the moment where planet limits are being exceeded.</i></li> </ul> |
| 12 | <b>Assessment methods and criteria:</b> | <p>Several partial scores (55%):</p> <ul style="list-style-type: none"> <li>- after each coached meeting (x 7)</li> <li>- for the forms loaded at the end of the identification and preparation phases</li> </ul> <p>A score for the delivered product at the end of the project (45%)</p> <p><i>If needed, for the accelerated of Green Label I, watch the introduction video and answer 10 assessing questions (15%)</i></p> <p><i>Watch 4-5 other videos and answer 15 assessing questions (35%).</i></p>  |

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|    |   | <i>Mandatory participation to the organized synchronous conference and answer to a quiz immediately after (50%)</i> |
| 13 | <b>4EU+ Flagship:</b>                               | Flagship 4: Biodiversity and sustainable development  |
| 14 | <b>4EU+ Transversal skills/shared competencies:</b> | Shared competence: social engagement  |