

<b>Module title</b>	3.1 Society and technology
<b>Workload (ECTS)</b>	3 ECTS
<b>Module coordinator</b>	<a href="#">Prof. Dr. Christoph Gehrlach</a>
<b>Contributing lecturers</b>	<ul style="list-style-type: none"> <li>• <a href="#">Prof. Dr. Sebastian Gurtner</a></li> </ul>
<b>Entry requirements</b>	Builds on: <ul style="list-style-type: none"> <li>• 0.1 Introduction to circular economy</li> <li>• 0.4 Bridging economics and management</li> </ul>
<b>Description</b>	<p>In addition to the classic approach and understanding of innovation, there is a growing awareness that technological and systemic developments should be viewed more in the light of the dimension of social developments and trends, or conversely, that developments can trigger social innovations and development steps, but also make them necessary and desirable. This is particularly important in order to promote and ensure sustainability at various levels. They are thus also an important output of circular economy models. Furthermore, the findings from evaluations of social innovations serve as a starting point for the (further) development of systems and technologies. Overarching socially transformative objectives (also in the sense of developing "cultures") can be measured against them - in the sense of effects - and their ethical/moral impact assessed.</p>
<b>Learning outcomes and competences</b>	<p><b>Competences:</b></p> <p>Students will be able to systematically analyse impacts of technical innovations on society in a transdisciplinary setting with special consideration of relevant social science approaches. Vice versa, they should be able to recognise technological and social innovations (in a circular economic sense) on relevant societal developments and to plan and accompany their development - with the inclusion of other disciplines.</p> <p><b>Outcome:</b></p> <p>Students</p> <ul style="list-style-type: none"> <li>• are able to classify social innovations in the sense of an extended understanding of innovation in the context of the "general" innovation discussion and theory.</li> <li>• are able to analyse developments in society, politics, economy (and organisational level) and technology, to evaluate their impact and thus to work out the potential and the necessity for social innovations.</li> <li>• are familiar with the corresponding research methods and research disciplines (sociology, psychology, cultural studies).</li> <li>• know models, approaches and methods to support the diffusion (top down or bottom up) of socially innovative approaches - also in terms of social sustainability - at micro (individual), meso (organisations/institutions (also socio-technical systems)) and macro (society) levels and to evaluate their effects.</li> <li>• are able to understand and classify social innovation as a "by-product" (output) of circular economy approaches and to actively shape their (further) development.</li> <li>• are familiar with current approaches and discussions on the topic of social entrepreneurship.</li> </ul>

<b>Assesment of learning outcomes</b>	<ul style="list-style-type: none"> <li>Analytical consideration of a practical example from the environment (e.g. "digitalisation") and its effects on societies incl. a project plan on how stakeholders can be involved with explicit application of suitable social science methods.</li> <li>Group report in written format (max. 3 persons)</li> <li>Presentation and discussion in the plenary along the lines of the theses</li> </ul>
<b>Didactic approach</b>	<ul style="list-style-type: none"> <li>Contact teaching</li> <li>individual and group exercises</li> <li>blended learning</li> </ul>
<b>Project-based learning</b>	<p>Case Studies and work on a practical example for the exam</p>
<b>Links to other modules</b>	<ul style="list-style-type: none"> <li>2.3 Social entrepreneurship</li> <li>3.2 Society and the environment</li> <li>4.4 Impact assessment</li> </ul>
<b>Bibliography</b>	<p>Beat Uebelhart et al. (Hg.) (2013): Praxisbuch zum Social-Impact-Modell. Nomos.</p> <p>Wilson, E. (2017): What is social impact Assessment? Arran. Accessible via: <a href="https://www.researchgate.net/publication/315550573_What_is_Social_Impact_Assessment#:~:text=Social%20impact%20assessment%20(SIA)%20is,local%20communities%20and%20broader%20society">https://www.researchgate.net/publication/315550573_What_is_Social_Impact_Assessment#:~:text=Social%20impact%20assessment%20(SIA)%20is,local%20communities%20and%20broader%20society</a> (02-2022)</p> <p>IAIA (2022): Social Impact Assessment. <a href="https://www.iaia.org/wiki-details.php?ID=23">https://www.iaia.org/wiki-details.php?ID=23</a> (02-2022)</p> <p>Hinheier H.K.; Schröer, A.; Then V. (2012): Soziale Investition. Interdisziplinäre Perspektiven. Springer</p> <p>Then, V.; Schober, C.; Rauscher, O.; Kehl, K. (2018): Social Return on Investment Analysis. Measuring the Impact of Social Investment. Palgrave</p> <p>Kurz, B.; Kubek, D. (2018): Kursbuch Wirkung. Das Praxishandbuch für alle, die gutes noch besser tun wollen. Phineo gAG, Berlin. <a href="https://ceps.unibas.ch/fileadmin/user_upload/ceps/2_Forschung/Publikationen/CEPS_Forschung_und_Praxis/KursbuchWirkung_low.pdf">https://ceps.unibas.ch/fileadmin/user_upload/ceps/2_Forschung/Publikationen/CEPS_Forschung_und_Praxis/KursbuchWirkung_low.pdf</a> (02-2022).</p> <p>Dittmann, R. Braune, S. (2019): Zusammen stark sein. PHINEO-Themenreport zum Fördern des gesellschaftlichen Zusammenhalts in Deutschland mit ausgezeichneten Projekten, Qualitätskriterien und Fördertipps. Phineo, Berlin. <a href="https://www.phineo.org/publikationen">https://www.phineo.org/publikationen</a></p> <p>Rückert-John, J. (2013): Soziale Innovation und Nachhaltigkeit: Perspektiven Sozialen Wandels. Springer</p> <p>Howaldt, J (Hg.) (2010): Soziale Innovation: Auf dem Weg zu einem postindustriellen Innovationsparadigma (Dortmunder Beiträge zur Sozialforschung). Springer.</p>



	<p>Brandl, P.; Prinz, T. (2020): Innovationen bei sozialen Dienstleistungen Band 1: Ein Blick in die nahe Zukunft der Sozialwirtschaft. Theoretische Ansätze für eine innovative Zukunft. Walhalla.</p> <p>Guo C.; Bielefeld, W. (2014): Social entrepreneurship : an evidence-based approach to creating social value. Wiley.</p> <p>Zhao, M.; Mao, J. (2021): Social entrepreneurship : an innovative solution to social problems. Springer.</p>
<b>Language</b>	English
<b>Location</b>	Bern