

Module title	3.3 Innovation and the circular economy in a spatial context
Workload (ECTS)	3 ECTS
Module coordinator	Dr. Rahel Meili
Contributing lecturers	<ul style="list-style-type: none"> Prof. Dr. Tobias Stucki
Entry requirements	<p>Builds on:</p> <ul style="list-style-type: none"> 0.1 Introduction to circular economy 0.4 Bridging Economics and Management
Description	<p>Economic activity and so the circular economy and its networks happen in certain physical places. Hence, place matters for companies – even in our digitalized world.</p> <p>This course explores the literature on regional economic development theories. We will examine the factors that contribute to the development of the circular economy in a region. The theories presented focus on explanations of spatial economic patterns and regional innovation dynamics.</p> <p>A particular focus of the class will be to apply the concepts to a region in Switzerland and to develop appropriate strategies and projects to support regional companies in the development of their circular economy approach.</p>
Learning outcomes and competences	<p>Competences:</p> <p>Students will be able to explain the key terms and concepts related to entrepreneurial ecosystems, regional innovation systems and spatial factors for innovation and apply the conceptual foundations.</p> <p>Outcome: Students</p> <ul style="list-style-type: none"> will be able to identify and analyse a regional innovation system and the specific challenges of regional companies in the topic of circular economy and innovation are able to design a comprehensible strategy and, derived from it, a concrete project for a company in the region in the topic of circular economy & innovation can present their projects in a short report and a short presentation in an appealing and comprehensible way. can review work from other groups and give constructive feedback.
Assessment of learning outcomes	Report written in a small group which illustrates an analysis of a regional innovation system and the specific challenges of a regional company in the topic of circular economy and innovation.
Didactic approach	<ul style="list-style-type: none"> Contact teaching Group exercises Learning videos Problem based learning
Project-based learning	Students have to write a report in which they apply the knowledge directly to their individual case.



Links to other modules	<ul style="list-style-type: none">• 2.2 Circular supply chain• 3.1 Society and technology
Bibliography	Literature will be provided before the start of the module
Language	English
Location	Bern