

Updated 2024-12-09

LV0128 – [Innovation management for sustainable food systems](#)

Schedule spring semester 2025

Note 1. When the bookings are done, the Time-Edit file (online) might not be complete. Please check Canvas for any changes!

Note 2. Main coursebooks:

- 1) Trott (2021) Innovation management and new product development, 7th edition, Pearson. Previous edition also works, but have other chapter structure.
- 2) Tonnquist (2024). Project management. Sanoma Utbildning (note, 6th ed is available in English. 5th ed (2021) also works well)
- 3) Other literature will be made available on Canvas. Canvas follows a weekly structure (as the schedule) and the literature (link or link to pdf) occurs in the corresponding week. Canvas will be updated regularly.

	Activities	Readings (On Canvas, if not the main course books)
	1. What is innovation? (20-24 jan)	
Mo 20/1	13- 16, Room Y, Ulls hus 1. Course introduction workshop (FF) 2. Innovation – What is it and why is it important? (FF)	- Trott, Ch 1. Innovation management: an introduction - Tidd & Bessant, 2005. Ch 1. Managing Innovation
Tu 21/1	9-12, Room H, undervisningshuset 1. Sources of innovation and sustainable food systems (Food system insights - sustainability as source of innovation) (Uppsala campus). Intro to the Friday seminar (FF)	-Tidd & Bessant (2005). Parts of Ch.2. Innovation as a core business process - Fernqvist & Göransson (2021) Future and recent developments in the retail vegetable category – a value chain and food systems approach - Ericksen (2011) The food system approach (on Canvas). - Bené (2019) Understanding Food system drivers (on Canvas)
Wed 22/1		
Thur 23/1		
Fr 24/1	9-12, Room H, undervisningshuset (Teacher in Plantan, Alnarp) 1. Seminar – The Fruit Logistica Case (FF) (Room H/Plantan)	Delivery of brief individual report on the Fruit Logistica case

	2. The innovation system and the diffusion of innovations (27-31 Jan)	
Mo 27 Jan	<p>10-12, Zoom 1. Brief introduction to actors in the innovation system, the role of networks and knowledge. Intro to the Friday workshop. (FF)</p> <p>13-15, Zoom 2. Innovation systems and the AKIS (Lisa Blix Germundsson)</p>	<ul style="list-style-type: none"> - Meulenbergh & Viaene (2005). Changing agri-food systems in Western countries: a marketing approach (Ch. 2 in Innovation in agri-food systems. On Canvas) - Trott, Ch 2. National systems of innovation and entrepreneurship - Trott, Ch 8. Strategic alliances and networks - Trott, Ch. 10. Open innovation [e.g. as sources of innovation] and technology transfer - Klerkx, L., van Mierlo, B. & Leeuwis, C. (2012). Evolution of systems approaches to agricultural innovation: concepts, analysis and interventions. In: Darnhofer, I., Gibbon, D. & Dedieu, B. (eds.) <i>Farming Systems Research into the 21st Century: The New Dynamic</i>. Dordrecht: Springer Netherlands.
Tu 28 Jan	<p>10-12 (Room L, Undervisningshuset (with room for 120 persons...)) 1. Innovation diffusion and adoption of innovations (Annie Drottberger)</p> <p>13-15 SLU Holding Study visit to SLU Holding (Green innovation park) (Hanna Josefsson and Henrik Landgren)</p>	<ul style="list-style-type: none"> - Trott, Ch 12. Market adoption and technology diffusion - Drottberger et al. (2022) Adoption of technological innovations in production of leafy vegetables in Sweden
We 29 Jan	<p>9-12, Zoom Innovation and business strategy, Business models</p>	<ul style="list-style-type: none"> - Trott, Ch 11. Business models - Omta & Folstar (2005). Ch. 9. Integration of innovation in the corporate strategy of agri-food companies. In: Jongen & Meulenbergh, <i>Innovation in agri-food systems</i> - Porter (1996) What is strategy?
Th 30 Jan	<i>Own work – preparation</i>	
Fr 31 Jan	<p>9-12, Room H (Teachers in Plantan, Alnarp) 1. Workshop – The strawberry case (FF, SF)</p>	Delievery of individual report on innovation systems (deadline to be announced)
	3. Innovation for sustainability, and social innovations	
Mo 3 Feb	<p>9-12, Room Alnarp, Ulls hus Gender and innovations in international development and technology (Gwendolyn Varley)</p>	Literature to be announced

	<p>13-15, Room O1, undervisningshuset</p> <p>1. Innovation and sustainability transition, introduction (Per-Anders Langendahl).</p> <p>This activity will be held together between “Fö0444 Innovation and sustainability” and “LV0128 Innovation management for sustainable food systems”</p>	<p>13-15 The “bigger picture” of innovation in relation to sustainability transitions (e.g. Schot and Geels, 2008; Geels, 2019) Literature updated on Canvas</p> <p>Schot and Geels, 2008. Strategic niche management and sustainable innovation journeys: theory, findings, research agenda and policy. <i>Technology Analysis & Strategic Management</i>; Vol. 20, No. 5, September 2008, 537–554</p>
Tue 4 Feb	<p>13-15, Zoom</p> <p>Social innovation. Alternative Food Networks and Social Innovations (Jonas Bååth) Together with course “Fö0444 Innovation and sustainability” and “LV0128 Innovation management for sustainable food systems”</p>	<p>- Bååth (& Fuentes 2024) Alternativizing markets: the framing of moral commerce. https://doi.org/10.1093/ser/mwae068</p> <p>-Further voluntary reading Mulgan (2007) Social innovation – what is it, why it matters and how it can be accelerated; - Zhao et al (2022) Reducing food waste from social innovation perspective</p>
Wed 5 Feb	<p><i>Own work, preparation for Friday seminar.</i></p>	
Thu 6 feb	<p>Th 6 Feb</p> <p><i>Own work, preparation for Friday seminar.</i></p>	
Fr 7 feb	<p>9-12, Room O1, Undervisningshuset</p> <p>Seminar “Applying transition thinking to innovation for sustainability”. Together with course “Fö0444 Innovation and sustainability” and “LV0128 Innovation management for sustainable food systems”</p>	<p>Cases for LV1028 (Fö0444 receives other cases)</p> <ul style="list-style-type: none"> ○ Group 6: Hoogstraaten et al, 2023 Replacing meat, and easy feast? ○ Group 7: Lonkila Kaljonen, 2022, ontological struggles over new product category ○ Group 8: Mylan et al 2019 Rage against the regime ○ Group 9: Tziva et al 2020 Understanding the protein transition ○ Group 10: Bulah et al 2024 Diversity or directionality: Friends or foes in sustainability transitions

	4. Project management 1 (10-14 Feb)	
Mo 10 Feb	Work with assignment P1. Submit the assignment at 17.00	
Tue 11 Feb	9-12, Room Y, Ulls hus Lecture and teamwork: Leadership, group dynamics, cultural dimensions (TJ) 13-16, Room Y, Ulls hus Lecture and teamwork: Leadership, group dynamics, cultural dimensions (TJ)	Literature, project management weeks: Tonnquist (2021). Project management. Sanoma Utbildning Trott, Ch 4. Managing innovation within firms Trott, Ch 7. Managing organizational knowledge
Wed 12 Feb	9-12, Room Y, Ulls hus Running innovation projects (TJ) Lecture and teamwork: Process development (TJ)	
Th 13 Feb	9-12, Room Y, Ulls hus Lecture and teamwork: Process development (TJ) 13-16, Room Y, Ulls hus Lecture and teamwork: Process development (TJ)	
Fr 14 Feb		
	5. Project management 2 (17-21 Feb)	
Mo 17 Feb		
Tu 18 Feb	9-12, Room Y, Ulls hus Lecture and teamwork: Project management (TJ) 13-16, Room Y, Ulls hus Lecture and teamwork: Project management (TJ)	
We 19 Feb	9-12, Room Y, Ulls hus Lecture and teamwork: Project management (TJ)	
Th 20 Feb	9-12, Room Y, Ulls hus Lecture and teamwork: Project management (TJ)	

	13-16, Room Y, Ulls hus Present group assignment	
Fr 21 Feb	Work with assignment P2 and submit at 17.00	
	6. NPD 1 (24-28 Feb) INTENSIVE WEEK	
Mo 24 Feb	<p>10-12; (Lennart Kennes sal, Biocentrum) [Note, will possibly be on Zoom instead, as the booked room is not so good]</p> <ol style="list-style-type: none"> 1. On New Product Development 2. R&D and Market research (FF/Gun Hagström online) <p>13-15 (Lennart Kennes sal, Biocentrum)</p> <ol style="list-style-type: none"> 3. Introduction to the NPD assignment, introduction to project groups (Gun Hagström) 4. Market research in the assignment (FF/GH) 	<p>The following three weeks in NPD</p> <ul style="list-style-type: none"> - Trott, Ch 9. Research and development -Trott, Ch 13. New product development - Trott, Ch 14. Market research and its influence on new product development - Trott, Ch 15. Managing the new product development process - Kotler et al. (Marketing: An introduction) Chapter: Developing New Products and Managing the Product Life Cycle
Tu 25 Feb	<p><i>Own work</i></p> <p><i>Market research, Examine the market; possible products, empty market space, packaging alternatives (visit a supermarket, and/or other sales channels) etc... Identify potential product, consumer segments and a target group (a specific segment) based on market research.</i></p>	
We 26 Feb	<p>10-12, Room H</p> <p>Creative online workshop –target group, persona, tentative product (Fredrik)</p>	
Th 27 feb 9	<p>10-12, Online (zoom)</p> <p>NPD process, step 2: Theoretical model for product development, selecting attributes to be tested, making a design for new product development (Gun Hagström, Zoom)</p> <p><i>Own work</i></p> <p><i>Market research, Examine the market; possible products, empty market space, packaging alternatives (visit a supermarket, and/or other sales channels) etc...</i></p>	

	<i>Identify potential product and target group based on market research, begin preparing presentation for the Friday seminar</i>	
Fr 28 Feb	9-12, Room H (+ teachers in Alnarp, in Plantan) Seminar: NPD process, step 3 - Presentations of NPD idea, ingredient choices for food lab exercise (Gun Hagström + Fredrik Fernqvist)	Næs & Nyvold (2003) Creative design – an efficient tool for product development
	7. New Product Development 2 (3-7 Mar) INTENSIVE WEDNESDAY	
Mo 3 Mar	13-16 Prel. Guest lectures (Zoom)	
Tu 4 Mar		
We 5 Mar	8-17, Food Lab, Axfoundation, Torsåker (bus departure Uppsala C, 07:50) NPD process, step 4: Food lab exercise, making of new food products. NPD food workshop, Axfoundation (Gun Hagström, Fredrik Fernqvist)	The bus to Axfoundation will depart (around. Specific time to be announced) 07:50 from Uppsala C. For those coming from Stockholm, the bus will make a stop at the train station in Upplands Väsby at 08:30 (adjust to train arrival from Stockholm). More information will come
Th 6 Mar	NPD process, step 5: <i>Test the product on a small sample to select the final product</i>	
Fr 7 Mar	NPD process, step 5: <i>Test the product on a small sample to select the final product</i>	
	8. New Product Development 3 (10-14 Mar)	
Mo 10 Mar	9-15 (Room Y, Ulls Hus) NPD process, step 6: Creative workshop, story board, extrinsic product attributes, preparations for presenting new product (Anna Nohed)	
Tu 11 Mar		
We 12 Mar		

Th 13 Mar	9-12 (Room H) NPD process, step 7: Presentation seminar new product “Before launch” (FF in Uppsala and Gun Hagström will be online)	
Fr 14 Mar	Delivery of individual report on NPD 16:00	
	9. Challenge week (17-21 Mar) INTENSIVE WEEK	
Mo 17 mar	9-11 (Room H, Uppsala) 09:00-11:00 Challenge starts (FF) (Sal H/Plantan) Work with idea generation, target group etc.	<i>Hanna Josefsson, Venture Lab/SLU Holding joins the introduction.</i> <i>-choose idea, have an idea about tentative target group</i> <i>-talk with people from the target group</i> <i>-is it realistic to continue?</i> <i>- Talk with target group</i>
Tu 18 mar	<i>Own work. Group supervision 10-12. Idea selected. Tentative target groups should have been chosen. Coaching (Venture Lab?). Idea Target group, what now?</i>	
We 19 mar	<i>Own work. Group supervision 10-12. Concept development.</i>	
Th 20 mar	<i>Own work. Time for questions 10-12. Compile information, prepare presentation.</i> 17:00 Latest delivery of material	
Fr 21 mar	9-12 (Room H, Uppsala) Presentations (Room H Uppsala/Plantan Alnarp) (FF) (TJ) (Hanna Josefsson,, Venture Lab)	
	10. Course end (24 March.	
	Mo 24 mar 10-12 ZOOM (Sal Final Workshop and evaluation, course end (FF)) <i>Writing of process report (individual reflection, to be graded).</i> <i>Deadline 17:00</i>	Delivery of report on the challenge

Main teachers: Fredrik Fernqvist, course leader (FF), Torbjörn Jonasson (TJ), Gun Hagström (GH).