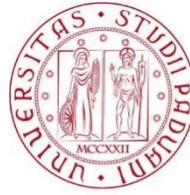
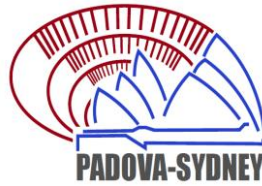




THE UNIVERSITY OF  
**SYDNEY**



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DI PADOVA

# Industry and Community Project

Food and health in a sustainable and  
circular economy

## Project Outline

## Contacts

### Project Supervisors

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Lead supervisor (Padova)	Mara Thiene
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### Project Team

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## About this Project Outline

This Project Outline contains information specific to your Industry and Community Project. It is part of the Unit of Study Outline. Policies relating to attendance, submission and marking of assessments, and other matters, are in the Unit of Study Outline document.

## Project Description

Food is central to family, cultural and community identity. It is essential to sustain life and food-related activities provide income and livelihoods for billions of people on earth. With the continuing rise in global food production and manufacturing to meet increasing demand, there is a pressing need to rethink food systems. In this project, teams made up of students from both Sydney and Padova representing unique mixes of disciplines will explore questions such as, how can we influence mass consumer food behaviours? What will be the role of growers, manufacturers, retailers and regulators? Which technologies and innovations (eg. smart foods, alternative proteins, and personalised nutrition) will be required to transform the food industry? Through research into these areas students will provide solutions on how we can rethink food systems for better health and sustainability. Students will be exposed to both the Australian and Italian food industry through engagement with a range of food companies and authorities.

This project will be run in conjunction with Padova University (Italy) and the class will be made up of half University of Sydney students and half Padova University students.

### Project Schedule

Date	Time	Activities (class times in this column are in Padova time)	Assessment/ Submissions
<b>Week -1 Pre-unit activities</b>			
Mon 21 Jun	Offline independent work	Enrolled students to complete pre-unit survey indicating areas of interest within the project theme.	Submit survey on LMS
Wed 23 Jun	Offline independent work	Project supervisors to allocate groups	Project groups to be set up in the LMS
Fri 25 Jun	Offline independent work	Students to introduce themselves to fellow group members on LMS (eg. via Padlet)	
<b>Week 1 Immersion in project topic and partner briefings</b>			
Mon 28 Jun	8.30 am – 12.30 pm (Padova) 4.30 pm – 8.30 pm (Sydney)	<b>8.30 – 9.30</b> Introduction and orientation to the unit and staff, objectives, assessments, project schedule, overview of Canvas, reading resources, library module, brief introduction to topic and industry partners <b>9.30 – 12.30</b> Soft skills by Fòrema	
	Offline independent work	Review notes on collaboration (Canvas) Group constellation activity online, brainstorming group charter ideas (Google sheet/Excel online)	
Tue 29 Jun	9 am – 12 pm (Padova) 5 pm – 8 pm (Sydney)	<b>9 – 10</b> Partner briefing – Ancoral, Michela Sugni (UniMI), Marco Patruno (BCA, UniPD) 'Food waste from the sea: an example of recycling strategy' <b>10 – 11</b> Group discussion (50 min) – groups to review group constellation and brainstorm project opportunities and challenges (Google sheet or Miro)	

		<b>11 – 11.30 Partner briefing - Jonix</b> <b>11.30 – 12 Partner briefing – Ferrero ‘Sustainable packaging’</b>	
	Offline independent work	Prepare for ideas pitch	
Wed 30 Jun	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	<b>9 – 9.30 Partner briefing – Moreno Faina, illycaffé ‘illy and sustainable quality’</b> <b>9.30 – 10 Partner briefing Giorgio Trentin EU Commission ‘Farm to Fork EU strategy: How an effective Agricultural Knowledge and Information System (AKIS) can contribute to achieve EU goals’.</b> <b>10 – 10.30 Unox</b> <b>10.30 – 11 Partner briefing – Lorenzo Terzi EU Spokesperson at the WTO SPS Committee ‘Safe and sustainable trade of food: towards a Green Partnership’</b> <b>11 – 12 Ideas pitch</b>	
	Offline group work	Filter project ideas (Miro)	
Thu 1 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	<b>9 – 9.30 Partner briefing - KPMG</b> <b>9.30 – 10 Partner briefing – Piercristiano Brazzale, Brazzale spa</b> <b>10 – 10.30 Partner briefing Antonella Nonino</b> <b>10.30 – 11 Complex problem solving – design and systems thinking (Rosalind Deaker)</b> <b>11 – 12 Group work – systems mapping using Miro</b>	
	Offline group work	Continue to develop systems map. Identify problem statement and desired outcome	
Fri 2 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	<b>9-9.45 Project design 9 – 9.45 (Rosalind Deaker)</b> <b>9.45 – 12 Group work – work on project proposals</b>	
	Offline group work	Finalise proposal slides and draft proposal	
<b>Week 2 – Establishment of project structure and approach</b>			
Mon 5 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	<b>9.15-11.15 Group proposal presentations (allow 10 – 12 min per group for 5 – 7 min presentation and Q&amp;A)</b> <b>11.15 – 12 Groups to work on written project proposal (Group Plan)</b>	<b>Submission of Group Plan (3.59 pm Padova time/11.59 pm Sydney time)</b>
	Offline group work	Complete project proposal and submit	
Tue 6 Jul	9 am – 12 pm (Padova)	<b>9-9.30 Designing primary data collection instruments (Mara Thiene)</b> <b>9.30 – 9.50 Stakeholder analysis (Rosalind Deaker)</b>	

	5 pm – 8 pm (Sydney)	Stakeholder analysis, Groups to work on surveys and interview questions, fill out ethics form	
	Offline group work	Continue to work on data collection instruments and ethics form	
Wed 7 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	9 – 12 Complete 1-page summary for Industry Panel session – Infographic	Submit 1-page summary for Industry Panel session (3.59 pm Padova time/11.59 pm Sydney time)
	Offline group work	Continue to work on data collection instruments and ethics form	
Thu 8 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	9 – 12 Group research Complete ethics form and submit for review Prepare for Industry Panel session	Submit ethics form for confirmation of negligible risk (3.59 pm Padova time/11.59 pm Sydney time)
	Offline group work		
Fri 9 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	9-12 Industry feedback ‘Speed dating’ session (Ferrero, Illy Caffè, Jonix, Nonino, Lorenzo Terzi, KPMG, Brazzale) Reflect on feedback	
<b>Week 3 – Execution of project</b>			
Mon 12 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	9-9.40 Presentation - Presenting for impact (Caroline Clark) 9.40-10 Writing the report; Groupwork survey – key performance indicators (Rosalind Deaker) 10-10.30 Group health check 10.30-12 Group research	
	Offline group work	Independent research/group meetings Supervised group sessions by appointment	
Tue 13 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	Independent research/group meetings - no structured activities Supervised group sessions by appointment Prepare draft presentation and report	
Wed 14 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	Independent research/group meetings - no structured activities Supervised group sessions by appointment Prepare draft presentation and report	
Thu 15 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	9-12 Group presentation practice run	

	Offline group work	Independent research/group meetings Supervised group sessions by appointment	
Fri 16 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	9-12 Group presentations (5 min max + 7 min Q&A) - KPMG, Ferrero, illycaffè, Nonino, Jonix	Live group presentation (online)
<b>Week 4 – Completion of project and reporting</b>			
Mon 19 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	Independent group work – supervisor consultation by appointment, no structured activities	
Tue 20 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	Independent group work – no structured activities	
Wed 21 Jul	9 am – 12 pm (Padova)  5 pm – 8 pm (Sydney)	Independent group work – no structured activities	Submit Group Project Report (3.59 pm Padova time/11.59 pm Sydney time)
Thu 22 Jul	Offline independent work	Work on Individual Statement and Groupwork survey	
Fri 23 Jul	Offline independent work	Complete Individual Statement and Groupwork Survey	Submit Individual statement and Groupwork Survey (3.59 pm Padova time/11.59 pm Sydney time)

Blue – Lecture presentation/workshop; Purple – Industry interaction; Green – supervised groupwork; Pink – independent groupwork; Brown – Individual work; Orange – formative assessment; Red – summative assessment  
Classes/workshops/seminars will be 3 h in duration from 5 pm – 8 pm Sydney time 9 am – 12 pm Padova time.  
In weeks 3 and 4 Zoom sessions will be set up for each group for unsupervised groupwork at scheduled times.

## Assessments\*

Assessment	Type	Weighting	LOs	Assessor	Due Week and Date
Group Plan 2500 words	Group	20%	LO1,LO2,LO3, LO5,LO6	Project Supervisor	Week 2 (05/07/2021, 3.59 pm Padova time/11.59 pm Sydney time Monday)
Group Presentation (5 mins)	Group	10%	LO2,LO3,LO5,LO6	Project Supervisor	Week 3 During class, Online
Group Project Report 5000 words (or equivalent) This assessment includes an individual contribution mark worth 10%.**	Group	50%	LO1,LO2,LO3,LO4, LO5,LO6,LO8, LO10,LO11,LO12	Project Supervisor	Week 4 (21/07/2021, 3.59 pm Padova time/11.59 pm Sydney time Wednesday)
Individual Statement 1500 words	Individual	20%	LO1,LO4,LO5,LO6, LO7,LO8,LO9	Project Supervisor	Week 4 (23/07/2021, 3.59 pm Padova time/11.59 pm Sydney time Friday)

### \* LAWS3508/5208

In addition to those assessment tasks, law students enrolled in an ICPU through LAWS3508 and LAWS5208 are required to submit a 1000-word Discipline reflection at the end of the semester. This is an unreferenced personal reflection, and is assessed on a pass/fail basis; a student is able to resubmit a 'fail' paper until it achieves a pass grade. Students will receive announcements through Canvas with detailed instructions from the Unit of Study Coordinator in Law, Professor Simon Rice <<mailto:simon.rice@sydney.edu.au>>.

\*\* Project supervisors will specify the information that will be taken into account in assessing group contribution.

# 1. Group Plan (2500 words or equivalent)

Assessment	Type	Weighting	LO	Assessor	Due
<b>Group Plan</b> 2500 words	Group	20%	1, 2, 3, 5, 6	Project Supervisor	Week 2 (05/07/2021, 3.59 pm Padova time/11.59 pm Sydney time Monday)

## Description

The purpose of this assessment is to help your group demonstrate a comprehensive understanding of the brief and create an achievable plan for your group's work across the semester. You will articulate:

- 1) the problem/s your group will solve
- 2) your group's overall approach to the project work
- 3) the tasks and roles the group members will undertake
- 4) the expected impact of the project
- 5) the timeline required for the completion of the project

The plan should have the following structure (word counts are *indicative* of relative proportions only and are not mandatory).

## Introduction

700 words / 25 marks

In this section, you demonstrate your comprehensive understanding of the different themes and perspectives relating to the complex problem described in the project brief, and build a rationale for your specific problem statement.

- Drawing on a range of academic literature and other reliable sources, provide a concise and compelling overview of key themes related to the complex problem. Consider the topic through the lens of various disciplinary perspectives, contexts, and issues (e.g., political, economic, social, technological, environmental, legal, etc.).
- Identify gaps in current knowledge, or opportunities that could be pursued.
- Articulate a problem statement derived from your overview of the complex problem (i.e., a clear and concise description of a significant issue(s) or causal factor(s) that your group will address).

## Aims & Objectives

200 words / 10 marks

In this section, you identify aims that will guide the development of your group's work in this project.

- Specify the aim(s) for your project. This should express the main theme or 'unknown' that your group will focus on and should provide scope for a range of disciplinary contributions. It may be expressed as a research question. Note: this is not a statement of the expected outcomes or outputs that you aspire to.
- Break your overall aim(s) into a series of project objectives or sub-questions. As a subset of the aim(s), objectives should define specific research tasks or steps, from which you will build your approach and methods.

## Approach & Methods

700 words / 25 marks

In this section, you formulate an integrated project plan, which sets out your group's approach to researching and analysing the problem statement you have identified above. This approach needs to draw on appropriate scholarly literature to support. *Note: This should not be confused with an implementation plan or approach for a possible solution to your problem statement.*



- Explain and justify an overall approach appropriate to your problem statement and aim(s). Examples of interdisciplinary approaches that have been adapted for this purpose include complex problem-solving, design thinking, agile methodology, or you can propose your own approach. Note: you may need to adjust your approach and methods as your project progresses.
- Select particular methods or techniques (for research or problem-solving) and sources of evidence that you plan to use. Systematically outline how these are relevant to your project's objectives. You also need to explain how your selected methods and techniques combine in your overall approach.
- Identify and evaluate any limitations to your approach and/or particular methods/techniques.

### **Group Profile**

700 words / 15 marks

In this section, you specify the skills and knowledge that each group member brings to the project, and how these contribute to an integrated project plan.

- Explain how the disciplinary perspectives or ways of thinking in your group shape your shared approach to the problem, drawing on scholarly literature as appropriate. You may also include other relevant skills (e.g., transferrable skills) and experience.
- Specify each group member's expected contributions to the project work.

### **Expected outcomes**

200 words / 10 marks

In this section, you envision the potential significance or contribution of your project in relation to the problem statement.

- Outline all the significant contributions your project will make to the understanding of the problem, to the Partner and/or other stakeholders.
- You may include any wider contributions of your project (e.g., scholarly, social, commercial, environmental, etc.).

### **Timeline**

(not included in word count) 5 marks

In this section, you develop a feasible project schedule for the duration of the project (i.e., across the remainder of semester).

- Organise the activities that are needed to accomplish the project aims and assign them to group members according to their knowledge and skills. You need to take into account all the requirements of your project (e.g., methods, stakeholder engagement etc.) and lead times for the preparation of key deliverables.

Depending on the nature of your project, useful formats include Gantt charts, log frames, agile iteration planning, etc.

### **References** (not included in word count)

All statements or claims should be supported with evidence by citing a wide range of published literature, relevant industry or community reports, etc. Please use a consistent referencing style throughout the document. Refer to the Library Resources module on Canvas for Harvard and APA style guides.

### **Rubric**

The rubric for this model assessment is available in the 'Assignments' section of our Canvas site.

## 2. Group presentation (5 mins)

Assessment	Type	Weighting	GQ/LO	Assessor	Due
<b>Group Presentation</b> 5 minutes	Group	20%	2, 3, 5, 6	Project Supervisor	Week 3 During class, Online

### Description

A presentation with the Project Partner is scheduled in Week 12 or 13, where the groups selected by the Project Supervisor present their work to the Partner.

All students in a group should present or answer questions. Assessment will take contribution of all students into account.

Presentation content and context should be appropriate for audience (including Partners) and should clearly articulate and contextualise the problem(s), describe approach and justify validity, present results in clear and illustrative manner, discuss significance, opportunities, and limitations.

The presentation is marked by the Project Supervisor and peers (who are not in your group). Students and Project Supervisors will each fill out marking sheets for each group. The Project Supervisor will assign the final mark, taking into account the peer marks.

### Rubric

The rubric for this model assessment is available in the 'Assignments' section of our Canvas site.

### 3. Group project report (5000 words or equivalent)

Assessment	Type	Weighting	LO	Assessor	Due
<b>Group Project Report</b> 5000 words (or equivalent) (Includes an individual contribution mark worth 10/40 marks*)	Group	40%	1, 2, 3, 4, 5, 6, 8, 10, 11, 12	Project Supervisor	Week 4 (21/07/2021, 3.59 pm Padova time/11.59 pm Sydney time Wednesday)

#### Description

This Report is the culmination of work on your project for the Partner that is submitted for assessment to your Project Supervisor. When preparing your Report, you should bear three audiences in mind: your Project Partner; an academic (Project Supervisor); and an intelligent, interested adult (like yourselves) who is not an expert in the subject of your Project.

The Report should clearly communicate the Project background, method, results, analysis, conclusions and recommendations, and references. Grading will be based on the same criteria described for the Report and must demonstrate a scope and depth of research equivalent to 5000 words collated through group inputs.

The information in your report should clearly address the points below and be organised into the relevant sections (please also consult the rubric). Word counts are provided as a guide only to highlight relative weighting of the sections. Please note, a maximum word-count applies and submissions that exceed this word-count will be penalised.

#### Title Page (not included in word count)

This should include a descriptive title for your research report, the names of each team member and a word-count (excluding references and appendices).

#### Contents Page (not included in word count)

This should include a list of the individual sections of the report.

#### Executive Summary

200 words / 5 marks

In this section you provide a summary of the work you have performed in the project that can be read independently of the rest of the report. It should be provided on a stand-alone page within the report.

- Provide a clear, succinct summary of the overall context, problem, approach, results and recommendations of the report.
- State the usefulness of the recommendations, and possible future work that may be required.
- Please note: Referencing is usually not required in an Executive Summary, however, where specific concepts, theory or data are referred to, conventional referencing rules apply.

#### Introduction & Project Aim(s)

800 words / 15 marks

In this section, you analyse the context and complexity of the problem, and identify a relevant aim(s) and objectives for your project.

- Analyse the complexity of the problem. This should include a well-supported integration of the available published information on your group's specific topic, drawing out multiple disciplinary perspectives and contexts.
- Based on this analysis, clearly state the problem or opportunity that your group focused on and explain why this is a significant area for exploration.

- Specify the aim(s) or research question(s) investigated by your group, together with the objectives of your project (i.e., steps that helped you achieve your aim(s)).

### **Approach & Methods**

800 words / 15 marks

In this section, you describe the processes you followed to achieve the aim(s) and objectives of your project (these should have developed since your Group Plan), drawing on appropriate scholarly literature to support. Note, this section should not focus on solutions to the complex problem.

- Describe the overall approach taken in the execution of this project and explain why it is appropriate to the context of the problem you explored.
- Justify the particular methods or techniques (for research or problem-solving) and sources of evidence that you used. Your justification should demonstrate how these methods or techniques are aligned with your aim(s) and objectives, and also discuss any limitations.
- Describe how you identified relevant disciplinary knowledge, attributes and skills in your group and how you combined these in designing and executing the specified approach and methods of your project.

### **Findings / Results**

1400 words / 20 marks

In this section, you report the findings of your project. Depending on the nature of your project, you may choose to combine the Findings and Discussion sections of your Report.

- Present the results, data, evidence, etc., obtained through your chosen approach and methods/techniques.
- You may present the findings using visual elements (e.g., images, text, figures, tables, illustrations, and diagrams; please note, these all contribute to word-count).
- Any primary research instruments (e.g., interviews or survey questions) should be included in an appendix. Transcripts of interviews and raw data from surveys should be available on request. Refer to these as necessary in your Report.

### **Discussion**

1400 words / 25 marks

In this section, you integrate, interpret and evaluate the findings in the context of current or published knowledge to develop a solution novel or set of recommendations based on your research.

- Explain the relevance of your findings in the context of the problem statement and develop a solution and/or set of recommendations based on your findings (desirability).
- Critically evaluate your recommendations in relation to existing strategies or knowledge (originality).
- Analyse and discuss the feasibility of your solution/recommendations and develop a high-level implementation or execution plan (e.g., what are your suggested next steps in order to implement your plan/solution? Are there any technological, social, policy developments required in order to put your plan/solution in to action?).
- Analyse and discuss the viability of your solution/recommendations. What value will it bring to different stakeholders? Why should anyone invest time or funds in the solution/recommendations? The value may not be financial, it could be social, environmental etc.
- Identify and discuss any limitations of your research and project work. Are there any additional perspectives that would add value to your analysis and recommendations?

### **Conclusion**

400 words / 10 marks

In this section, you contextualise the key recommendations of your Report in reference to the problem and aim(s) of your project.

- Provide a compelling summary of your solution/recommendations and actions to be taken.
- Discuss the significance of your solution/recommendations for the problem and its context. Does the outcome improve understanding, suggest a novel or innovative approach/product, or have potential to transform current practice?

**References** (not included in word count)

All statements or claims should be supported with evidence by citing a wide range of published literature, relevant industry or community reports, etc. Please use the referencing style specified by your Project Supervisor.

**\*Individual contribution mark**

The individual contribution mark will be calculated based on a self and peer evaluation by each member of your group. A relative performance factor will then be calculated and used along with the group assessment mark to determine a mark out of 10.

**Rubric**

The rubric for this model assessment is available in the 'Assignments' section of our Canvas site.

## 4. Individual statement (1500 words)

Assessment	Type	Weighting	LO	Assessor	Due
<b>Individual Statement</b> 1500 words	Individual	20%	1, 4, 5, 6, 7, 8, 9	Project Supervisor	Week 4 (23/07/2021, 3.59 pm Padova time/11.59 pm Sydney time Friday)

### Description

Drawing on both concepts from the project unit and your experiences in the Project, address the following questions:

1. Giving examples from the Project, analyse the ways of thinking that you brought from your educational background.
2. Evaluate how your ways of thinking contribute to the Project in comparison to other ways of thinking.
3. What potential or actual problems arise from working on the Project with collaborators whose ways of thinking are similar or different to your own? What strategies did you use to avoid or resolve those problems?

In answering all the questions, support your arguments with concepts from the academic literature. Please reference your sources using a consistent referencing style/s. Please refer to the Library Resources module for Harvard and APA referencing style guides.

### Rubric

The rubric for this model assessment is available in the 'Assignments' section of our Canvas site.

## Policies

Policies and procedures in relation to special consideration, simple extensions, academic dishonesty and plagiarism, use of similarity detection software, submission of assessments, attendance and academic appeals are set out in the Unit of Study Outline.