

Language Institute Chiang Mai University Sustainable Development Goals + SDG English for Discussion Program (20-hour)



“Ensure availability and sustainable management of water and sanitation for all”

Course Objective

This course focuses on the importance of water resources, water cycles, and the relationship of water resources to forests and soils and water resource problems Approaches to solving water problems such as integrated water resource management, Wastewater Management and Case Studies.

By the end of this course, students will have a better understanding about the following targets:

Target	Description
6.1	By 2030, achieve universal and equitable access to safe and affordable drinking water for all
6.2	By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
6.3	By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

Course Content

Lesson	Duration	Content
1	1-hour	Understanding the basics and advantages of water
2	1-hour	Vocabulary building and English for Discussion (based on lesson 1)
3	1-hour	Water in the world, water cycles
4	1-hour	Vocabulary building and English for Discussion (based on lesson 3)
5	1-hour	The relationship of water resource to forests and soil

6	1-hour	Vocabulary building and English for Discussion (based on lesson 5)
7	1-hour	Water resource problems
8	1-hour	Vocabulary building and English for Discussion (based on lesson 7)
9	1-hour	Water resource problems (continued)
10	1-hour	Vocabulary building and English for Discussion (based on lesson 9)
11	1-hour	Approaches to solving water resource problems
12	1-hour	Vocabulary building and English for Discussion (based on lesson 11)
13	1-hour	Integrated Water Resources Management (IWRM)
14	1-hour	Vocabulary building and English for Discussion (based on lesson 13)
15	1-hour	Wastewater management
16	1-hour	Vocabulary building and English for Discussion (based on lesson 15)
17	1-hour	Case studies
18	1-hour	Vocabulary building and English for Discussion (based on lesson 17)
19	1-hour	SDG-6 Wrap Up and Final Quiz
20	1-hour	English Wrap Up and Oral Presentation

Language Institute Chiang Mai University
 Sustainable Development Goals + SDG English for Discussion Program
 (10-hour)



“Ensure access to affordable, reliable, sustainable and modern energy for all”

Course Objective

To understand the concept of King Rama IX Sufficiency Economy and how it applies to agricultural practices in Thailand whilst also understand the importance of the use of renewable energy and its application within the agricultural industries for sustainable practice and what the future holds for the renewable energy sector in agricultural management in Thailand and what incentives are being provided to utilize renewable energy in Thailand.

By the end of this course, students will have a better understanding about the following targets:

Target	Description
7.a	By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.

Course Content

Lesson	Duration	Content
1	1-hour	Background (Sufficiency Economy)
2	1-hour	English for Discussion (based on lesson 1)
3	1-hour	Concept of Renewable Energy
4	1-hour	English for Discussion (based on lesson 3)
5	1-hour	Types of Renewable Energy
6	1-hour	English for Discussion (based on lesson 5)

7	1-hour	Alternative Energy from Agricultural sector
8	1-hour	English for Discussion (based on lesson 7)
9	1-hour	How to apply Renewable Energy in Agricultural Production
10	1-hour	English for Discussion (based on lesson 9)
11	1-hour	Supporting Government Encouraging Alternative Energy Use
12	1-hour	English for Discussion (based on lesson 11)
13	1-hour	Future Trends in Renewable Energy
14	1-hour	English for Discussion (based on lesson 13)
15	1-hour	Thailand's Renewable Energy Transitions: Thailand 4.0
16	1-hour	English for Discussion (based on lesson 15)
17	1-hour	Case study of Renewable Energy for Sustainable Development in Thailand
18	1-hour	English for Discussion (based on lesson 17)
19	1-hour	SDG Presentation (Group work)
20	1-hour	English for Discussion (assessment)

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“Ensure sustainable consumption and production patterns”

Course Objective

This course is broken into two parts. Part one will focus on the sustainable practices related to coffee production and consumption in Thailand. Students will understand what incentives are currently being offered by governments for producers to have more ethical and sustainable business practices. Through the implementation of sustainable agriculture practices and use of renewable energy how can business sustain and meet supply for the sector and behave in a socially and environmentally responsible way. Part two will look at how coffee producers maintain the biodiversity and conserve nature and reduce their overall impact on their environment through their business practices. Specifically looking at soil management toward production of high quality coffee whilst maintaining surrounding natural resources.

By the end of this course, students will have a better understanding about the following targets:

Target	Description
12.a	Support developing countries to strengthen their scientific and technological capacity to move toward sustainable patterns of consumption and production

Course Content

Lesson	Duration	Content
1	1-hour	Introduction to coffee supply and demand market in Thailand
2	1-hour	Vocabulary building and English for Discussion (based on lesson 1)
3	1-hour	Innovative technology implementation during coffee agricultural practices
4	1-hour	Vocabulary building and English for Discussion (based on lesson 3)
5	1-hour	Case study related agriculture sectors and farmers to sustainable consumption and production
6	1-hour	Vocabulary building and English for Discussion (based on lesson 5)

7	1-hour	Comparison between Thai and Japanese agricultural practices
8	1-hour	Vocabulary building and English for Discussion (based on lesson 7)
9	1-hour	Quiz/Presentation (Part 1)
10	1-hour	English Language Quiz (Part 1)
11	1-hour	Introduction to sustainable and natural resource agencies in Thailand
12	1-hour	Vocabulary building and English for Discussion (based on lesson 11)
13	1-hour	Climate Change and impact on agricultural practices in Thailand
14	1-hour	Vocabulary building and English for Discussion (based on lesson 13)
15	1-hour	Soil and water conservation activities during agriculture practices
16	1-hour	Vocabulary building and English for Discussion (based on lesson 15)
17	1-hour	Natural vs Chemical Soil Management during agricultural practices
18	1-hour	Vocabulary building and English for Discussion (based on lesson 17)
19	1-hour	Quiz/Presentation (Part 2)
20	1-hour	English Wrap Up