

課程資訊 (Course Information)					
科號 Course Number	11310KIPE424600	學分 Credit	3	人數限制 Size of Limit	50
中文名稱 Course Title	綠色貿易與永續投資				
英文名稱 Course English Title	Green Trade and Sustainable Investment				
任課教師 Instructor	楊宗翰				
上課時間 Time	T6T7T8	上課教室 Room	Nanda 1411		
課程大綱 (Syllabus)					
<p>一、課程說明(Course Description)</p> <p>Globally, the need to harness trade and investment as a powerful activity to support the transition to an inclusive green economy has been increasingly recognized by States in international policy frameworks, particularly in the Sustainable Development Goals adopted in 2015 as part of the 2030 Agenda for Sustainable Development. These policy rationales include lack of appropriability of certain benefits, imperfect competition in goods markets, capital markets failures, learning processes, potential for increasing returns to scale, potential for agglomeration economies, and coordination/sequencing problems. Within the broad range of policies that can be used to act on these policy rationales, a sub-set consists of trade (e.g. border measures or provisions in trade agreements) or trade-related measures (e.g. support schemes, standards, sustainable public procurement and manufacturing, and employment-related schemes).</p> <p>This seminar aims to focus on the three important publications (“ the trilogy”) by Partnership for Action on Green Economy (PAGE) organizations on Green Industrial Policy and Trade and other relevant readings. The need for government intervention to sustain the transition to an inclusive green economy has gained traction, particularly after the 2008 economic crisis. A variety of policy rationales (e.g. situations where the forces of the market lead to undesirable or sub-optimal outcomes, sometimes called ‘market failures’) have been identified as a basis for the conduct of green industrial policies. This seminar will have a critical overview on the green industrial policy instruments used globally and domestically and distil the insights for Taiwan’s green industrial policies.</p> <p>二、指定用書(Text Books)</p> <p>PAGE (2017), Green Industrial Policy and Trade: A Tool-Box</p> <p>PAGE (2016), Practitioner's Guide to Strategic Green Industrial Policy</p> <p>Altenburg, T., & Assmann, C. (Eds.). (2017). Green Industrial Policy. Concept, Policies, Country Experiences. Geneva, Bonn: UN Environment; German Development Institute / Deutsches Institut für</p>					

Entwicklungspolitik (DIE).

三、參考書籍(References)

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Charnovitz, S. (1994). Free trade, fair trade, green trade: Defogging the debate. *Cornell Int'l LJ*, 27, 459.

Colyer, D. (2011). *Green trade agreements*. Springer.

Dupuy, P. M., & Viñuales, J. E. (Eds.). (2013). *Harnessing foreign investment to promote environmental protection: incentives and safeguards*. Cambridge University Press.

Kang, S. J., & Lee, S. (2021). Impacts of Environmental Policies on Global Green Trade. *Sustainability*, 13(3), 1517.

Mæstad, O. (1998). On the efficiency of green trade policy. *Environmental and Resource Economics*, 11(1), 1-18.

Mazzucato, M. (2018). *The Entrepreneurial State: Debunking Public vs. Private Sector Myths*, Penguin Books Ltd

Mazzucato, M. (2015). The green entrepreneurial state. *The politics of green transformations*, 134-152.

Staub-Bisang, M. (2012). *Sustainable Investing for Institutional Investors: Risks, Regulations and Strategies*. John Wiley & Sons.

Rodrik, D. (2014). Green industrial policy. *Oxford Review of Economic Policy*, 30(3), 469-491.

University of Cambridge Institute for Sustainability Leadership (2016), A new climate for business: Planning your response to the Paris Agreement on climate change, Business Briefing.

<http://www.cisl.cam.ac.uk/publications/publication-pdfs/A-New-Climate-for-Business.pdf>

Vinuales, J. E. (2012). *Foreign Investment and the Environment in International Law*. Cambridge University Press, CUP.

WWF (2016), Lessons in climate smart policies: A framework for integrated low carbon resilient development, WWF Report.

https://d2ouvy59p0dg6k.cloudfront.net/downloads/lessons_in_climate_smart_policies___a_framework_for_integrated_low_carbon_resilient_deve.pdf

四、教學方式(Teaching Method)

This course combines lectures, seminars, and reading groups. Students will also have policy dialogues with policymakers and conduct study fieldtrips to the governmental agencies, think tank, private consulting firms, companies, and NGOs. At the end of this semester, all the class participants will be required to present their own policy projects for solving practical green industrial policy issues in Taiwan and/or across the regions.

五、教學進度(Syllabus)

1. Introduction: Green industrial policy: Accelerating structural change towards wealthy green economies
2. The economic and social co-benefits of green transformation
3. In with the good, out with the bad: Phasing out polluting sectors as green industrial policy
4. Developing green technologies and phasing them in
5. Pricing environmental resources and pollutants and the competitiveness of national industries
6. Promoting circular economies
7. Green industrial policy and international trade
8. Provisions in trade agreements reserving or promoting green industrial policy
9. Sustainable public procurement and manufacturing
10. Mid-term review, Assignment, Presentations and/or Study Fieldtrip
11. Key instruments of private environmental finance: funds, project finance and market mechanisms
12. The potential of international climate change law to mobilise low-carbon foreign direct investment
13. Channeling investment into biodiversity conservation: ABS and PES schemes
14. Socially responsible investing through voluntary codes
15. Case study: Electric mobility and the quest for automobile industry upgrading in China
16. Case study: Germany: The energy transition as a green industrial development agenda
17. Case study: the integration of renewable energy in FTAs
18. Putting It All Together: Course Conclusion and Group Project Presentation

六、成績考核(Evaluation)

Class participation and discussion 20%

Mid-term presentation and/or a written exam 30%

Final project 50%

七、可連結之網頁位址