

eseia Student Camp 2020 at the University of Twente
 'Designing the Regional Biobased Economy: Biorefinery, Bioenergy and Circularity'
 24 - 28 February 2020

	Mo. 24.2.	Tu. 25.2.	Wed. 26.2.	Thu. 27.2	Fr. 28.2
9:00	Welcome Event. Student Camp	Supervised Group Work	Excursion Whole day	Supervised Group Work Theoretical Inputs for Challenges (if necessary)	Work on Group Presentations
9:30	Introduction				
10:00	Presentation of Challenges, First Inputs, Group Formation				
10:30				Group Presentations	
11:00					
11:30	Joint Lunch			Joint Lunch	Joint Lunch
12:00					
12:00	Campus Tour	Supervised Group Work	Whole day	Q&A	Joint Lunch and Farewell
13:00					
13:00				Group work	Supervised Group Work
14:00					
14:00					
14:00					
16:00	Q&A	Supervised Group Work	Supervised Group Work	Work on Group Presentations	
16:30					
17:00	Group work	Q&A	Supervised Group Work	Work on Group Presentations	
17:30					
	Joint Dinner	Joint Dinner	Joint Dinner	Student City Night	

The challenges student teams will work on:

- **Sustainable soccer**

In this challenge, students will collaborate with the premier league soccer club FC Twente, located in the stadium nearby the university Campus. How to make the soccer game more sustainable (waste streams, mobility, cleaning, heating)

- **Collective heat from asphalt**

Lochem Energy, one of the most advanced local energy communities in the country, is focusing on heat production by the asphalt coverage of streets in the city. In this challenge students will explore technical, economic and social aspects of this advanced technology for hot water supply.

- **Regional biobased innovations**

The University of Twente is located in the province of Overijssel. A green province with lots of bio economy oriented industries. In this challenge, students will explore the future of the biobased potential in the province and the innovations needed to harvest the potential. Students will work in collaboration with the regional bioresource industrial association

- **The sustainable future of company X**

In this challenge students will work in collaboration with a local company on sustainability issues. This challenge has not yet been confirmed.

- **Excursions**

Part of the program is one day of excursion to regional companies, among others Twence, a publicly owned company profiling as “*Source of raw materials and energy*”

‘Energy from renewable resources is the energy of the future,’ according to Marc Kapteijn, CEO of Twence. ‘We are making considerable investments in this, with great success. At the same time we generate energy with extremely high efficiency from waste which has been stripped of all the reusable material. A balanced use of all materials is essential to prevent exhaustion of natural raw materials and fuels. This way waste is not simply waste any more, but a source of energy and raw materials which makes the entire region greener.’