

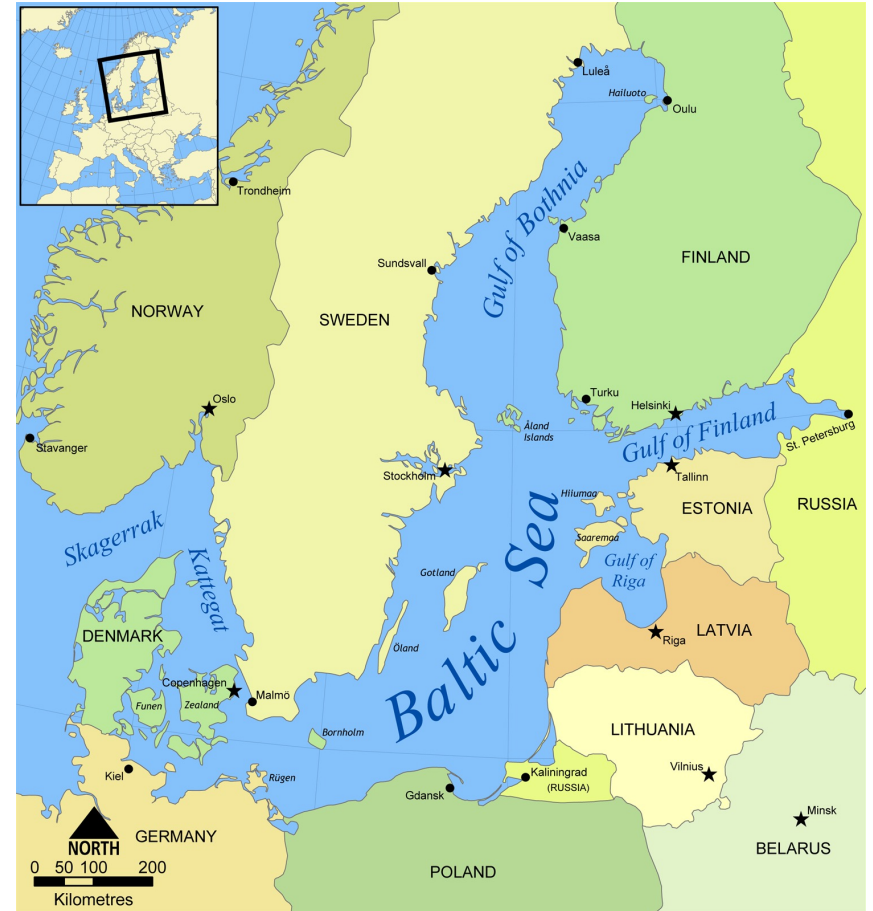
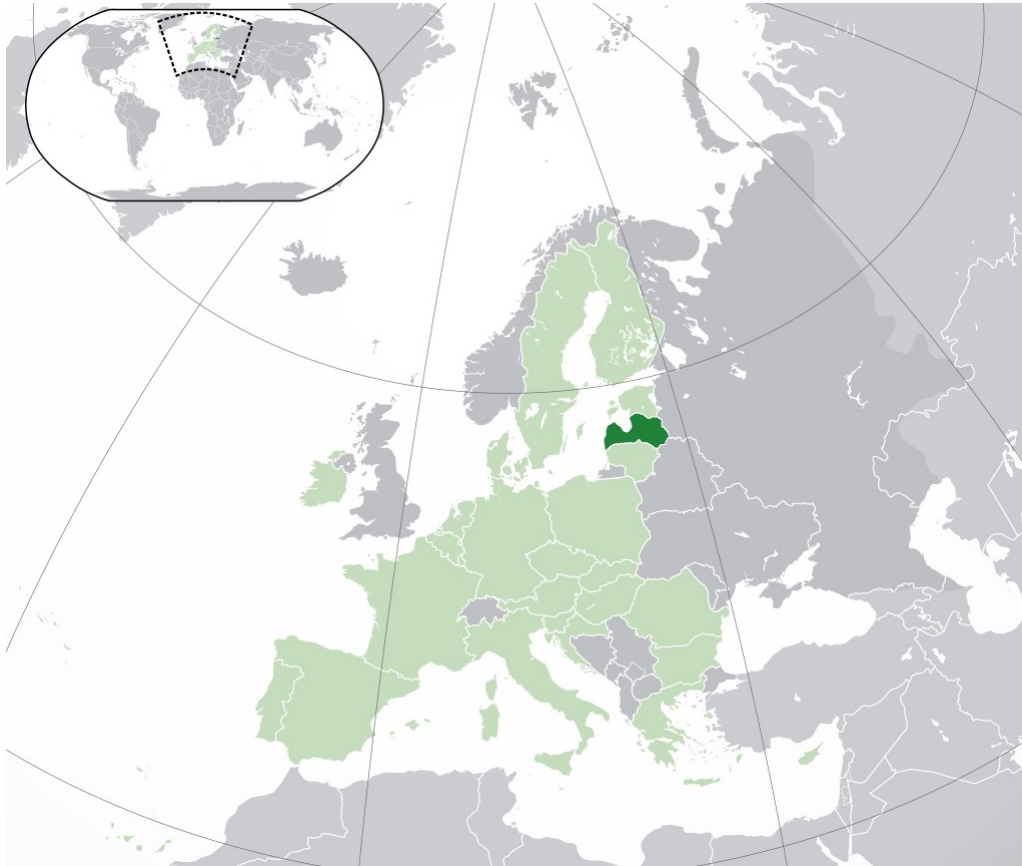


Eco Drive Competition as Motivating Factor for VIP Team

Dr.Sc.Ing. Janis Zakis
Senior Researcher/Associate professor

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Latvia



Latvia

- Capital – **Riga**
- Official language – **Latvian**
- Area - **64,589 km² (24,938 sq mi)** (122nd).
 - (Georgia - 153,909 km² (59,42.5 sq mi))
- Population – **1,84 million**

Flag



Coat of Arms



Riga

- Area - **304 km² (117 sq mi)**.



Riga Technical University

- RTU is the oldest technical university in Baltic states. Founded in 1862.
- Number of students – 13 326 in 2022
- Academic staff - 577
- Research staff - 797
- 9 faculties, 33 institutes
- 4 regional centers
- Riga Business school and Engineering High School of RTU



Riga Technical University

The main goal is to encourage students to be more motivated, responsible and organized

VIP team “Power Electronics”

- **Work on short term (one semester) projects.**
 - PV powered battery charger for water purifying device
 - PV panel from scratch
 - low energy house by means of renewable energy source

For one semester projects were selected very simple and doable tasks. However these projects are not very ambitious and creative.

- **Work on longer term (one year) projects**
 - wireless power system for battery charging

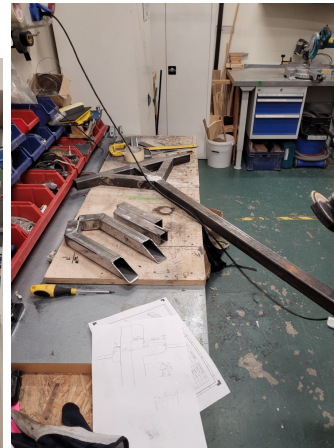
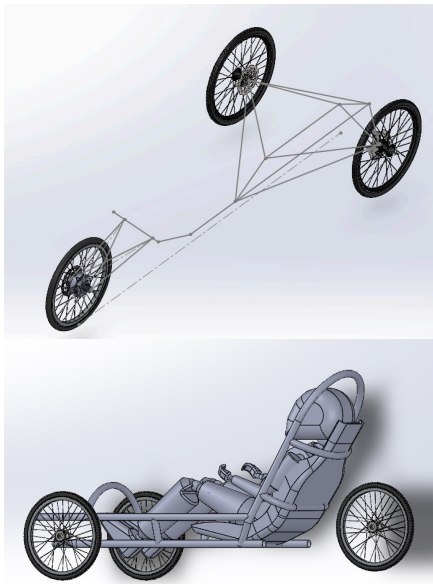
One year projects are challenging by means of involvement of newcomers and motivation experienced team members. Interest level depends on main goal, background of students, understanding of technical details.

Students like more projects where is something connected with moving, driving or flying.

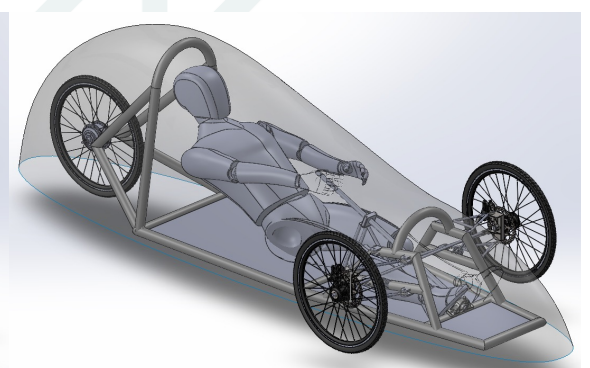
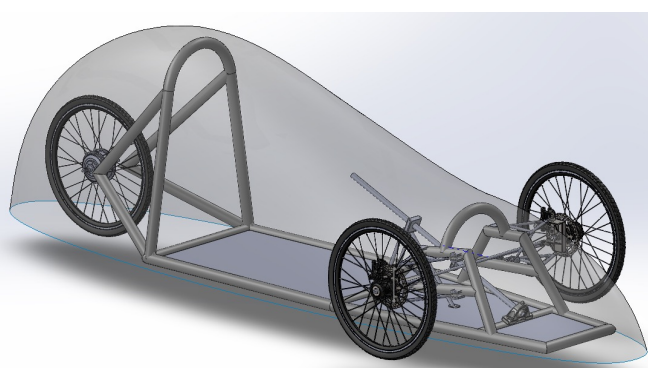
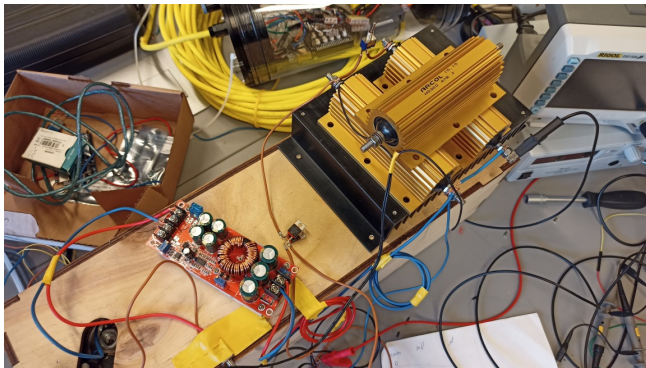
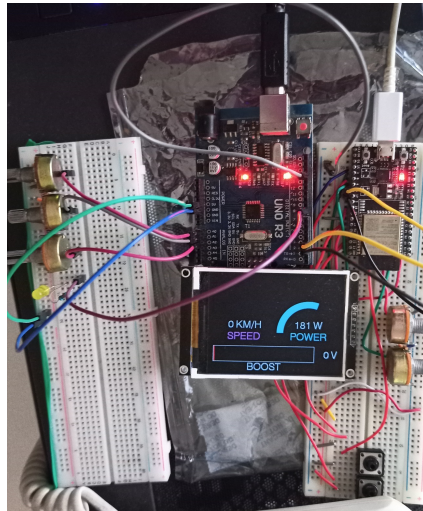
In selection of suitable students we started to make interviews with potential newcomers in order to introduce him/her with potential tasks, introduced with responsibilities and deadlines.

Eco drive competition in Latvia.

- One year goal is to prepare the vehicle for eco drive competition Latvia (17th of June, 2023)
 - Every team member has its own task
 - Without completing individual tasks, the team will not be able to participate in the competition



Eco drive competition in Latvia.



Long term goal - Shell Eco-marathon



Thank You!

