**Slide 1:** In the following slides, I’m gonna talk about the overview of our main projects and describe how different groups work together.

**Slide 2:** Here is the agenda, I’m gonna talk about the system overview, mechanical, electrical and control section in our regular projects.

**Slide 3:** generally, our system is divided into three main groups

ME where design, packaging and drivetrain system is performed. EE where the vehicle interface, low and high voltage design is done and control where logic and commanding take places and it’s generally considered as system design. As it’s shown in the picture, these three main groups interact and in some cases overlap each other.

**Slide 4** : here is the general system architecture of electric only trucks.

**Slide 5:** here is the general system architecture of hybrid electric trucks

**Slide 6:** In the following slides, I’m talking about the ME section very briefly. The main tasks of the ME team is to design and packaging the components in the truck. For example, PCAS and ESS are the two main design that is being done with mechanical team.

PCAS consists of several components and design for example air comp, lenze, ICU and …. The ESS design consists of cells packaging, wiring and mounting the BMS boards design

Drivetrain system is another task of mechanical team.