The era of digitally enhanced farming with new data generated and new possibilities for aggregating and analyzing the data (Internet of Things, BigData) increase the interest in data itself and the demand for merging and exchange of data as well as use of data by third parties. This goes along with increased awareness of farmers and other stakeholders involved and the need for transparency related to the use of personal data. The General Data Protection Regulation, which will be directly applicable by 25th of May 2018 in all the EU member states, intends to strengthen and unify data protection of individuals. This regulation will also affect third countries if personal data from EU-citizens are processed. The presentation will cover basic information on legal background, principles on data processing, types of data and roles within data processing as well as implications related to processes related to farmer-related cattle data based on an example of an EU member state.

Keywords: data protection, cattle data, legal implications, data integration